	EC list of Coromandel International Limited, Vizag					
S. no	EC order no. and date	Subject				
1	F No. J-11011/388/2006- IA II (I) dated 18.05.2007	Enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD				
2	Ref: J11011/314/2007-IA II (I) dt. 31st August, 2007	Enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD				
3	Ref: F. No. J- 11011/548/2008-IA-II(I) dated June 10, 2009	Manufacture of Customized Fertilizer plant of two streams of 300 MTPD each.				
4	F.No.11-35/2015-IA-III dated 27 June 2017	Installation of proposed Sulphuric acid (2x12500 MT) and Phosphoric acid (2x10000 MT) storage tanks along with unloading facilities and pipelines at the existing fertilizer Wharf of Coromandel International Limited, Visakhapatnam (Andhra Pradesh) - CRZ Clearance				
5	F.NO: 11/5/2022-IA.III DT: 24.03.2022	CRZ Clearance for construction of seawater plant (Desalination plant) with capacity of 15 MLD				
6	F. No. J-11011/51/2016- IA-II (I) dt 14th July 2017	Enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P205 and other auxiliary facilities within the existing Fertilizer Complex, Sriharipuram, Vishakhapatnam District, Andhra Pradesh by M/s Coromandel International Limited (Formerly M/s. Coromandel Fertilizer Limited) - Environmental Clearance –reg.				
7	F. NO. IA -J- 11011/51/2016-IA II (I) Dated 07th Jan 2021	Enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P205 and other auxiliary facilities within the existing Fertilizer Complex, Sriharipuram, Vishakhapatnam District, Andhra Pradesh by M/s Coromandel International Limited (Formerly M/s. Coromandel Fertilizer Limited) - Environmental Clearance –Amendement reg.				
8	F.No . IA-J- 11011/51/2016-IA-III(I) 27th June, 2022	Amendment in Environmental Clearance for "Change in location of new 1500 MTPD Sulphuric Acid (100%) Plant within the existing fertilizer complex" and "to add Desalination Plant with Capacity of 15 MLD" at Sriharipuram, Vishakhapatnam District, Andhra Pradesh by M/s Coromandel International Limited (formerly M/s Coromandel Fertilizers Limited [Proposal No IA/AP/IND3/269654/2022]- Consideration of Amendments in Environmental Clearance.				



Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID: 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN: 37AAACC7852K1ZC

EHS/MoEF/2025 - 069

To The Director. Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-600034.

A. Same Dear Sir,

Sub: Half Yearly EC (Environment Clearance) Compliance Report- regd.

Ref: F. No. J-11011/388/2006-IA II (I) dated 18.05.2007

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD

Period of submission : Oct'24 to Mar'25 : Coromandel International Limited, Visakhapatnam Unit

Thanking You,

For Coromandel International Limited

M. Gnanasundaram VP Heed Manufacturing

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Encl

The Member Secretary, Head Office-APPCB, Vijayawada CC: Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



31/05/2025

EHS2-Vizag-Coromandel

From: Sent:	Nagarjuna-P-Mgr-EHS-Vizag-Coromandel 02 June 2025 15:35
То:	'eccompliance-ap@gov.in'; APPCB RO, VSP; zovspappcb
Cc:	EHS2-Vizag-Coromandel; Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel;
	Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
	AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:	Half Yearly EC (Environment Clearance) Compliance Report- regd.
Attachments:	MoEF Complex PAP (Oct -2024 to March -2025).pdf

Dear Sir,

Ref: F. No. J-11011/388/2006-IA II (I) dated 18.05.2007

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD

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Period of submission : October- 2024 to March -2025 Unit : Coromandel International Limited, Visakhapatnam

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F: +91.891-2578400 W: www.coromandel.biz AMURUGAPPA GROUP COMPANY

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<u>MOEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by</u> <u>MOEF for enhanced production capacity of Phosphoric acid plant from 500 MTPD</u> <u>to 700 MTPD</u>

Reference : F No. J-11011/388/2006-IA II (I) dated 18.05.2007

(For the period from Oct-2024 to March-2025)

A. SPECIFIC CONDITIONS:

S.No.	Specific conditions	Compliance status
i.	The gaseous emissions (SO ₂ , NO _X ,	Complied
4	NH ₃ , Urea dust) particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Monitoring of HF shall be carried out along with other parameters. At no time, the emission levels shall go sbeyond the stipulated standards. In the	All the applicable gaseous parameters including that of Fluorides are monitored vide online OCEMS and are connected to the APPCB & CPCB and are maintained within the limits. Necessary interlocking is in place to limit the emission within the limits.
	event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted	Regular 3rd party monitoring reports are submitted to the concerned authorities.
	until the control measures are rectified to achieve the desired efficiency.	A copy of the acknowledgment herewith is enclosed as Annexure – 01.
ii.	Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration is anticipated in consultation with the APPCB and data submitted to the Ministry's Regional Office at Bangalore six monthly and APPCB quarterly along with statistical analysis	Complied Installed three online monitoring AAQM stations and connected them to the APPCB server. Ambient air quality is also being monitored through MoEF approved laboratory and AAQMS data is submitted to MoEFCC & APPCB regularly. Quarterly reports are being submitted to APPCB. (Acknowledgment copy is attached) A copy of the submitted acknowledgment is enclosed Annexure - 02
iii.	Total water requirement will be met from Municipal Water supply. No effluent will be generated from water-	Complied Presently our water requirement is

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Coromandel International Limited, Visakhapatnam

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• ĺ	S.No.	Specific conditions	Compliance status
** **		soluble fertilizer plant since entire quantity of water will be recycled in the process. Liquid effluent from cooling tower blow down will be recycled and reused in phosphoric acid / granulation plants and in case of no consumption, it will be sent to ETP. Treated effluent will be disposed off into the sea at a distance of 5.0 K through a channel.	 met through the 6 MLD de-salination plant and 16600 KLD GVMC supply. Effluent generated from Water Soluble Fertilizer plant and cooling Tower blow down water are recycled in the process. Once through cooling is discharged into sea at a distance of more than 6 KM through a channel.
	iv.	Prior clearance under the Coastal Regulation Zone (CRZ) shall be obtained from the State / Central Govt, for the disposal of treated effluent into the Sea.	Complied Coromandel does not discharge any treated effluent directly into the sea. Coromandel has been permitted to discharge its treated effluents from ETP and return Once through cooling water in a common channel provided by the Visak Port authorities since the plant was established in 1967 (prior to CRZ rules 1991) Coromandel discharge point is approx. 03 km away from the Meghadrigedda overflow channel. All other industries (HPCL, APCL, IOCL, and BPCL) are also discharging into a common channel.
	V.	Regular monitoring of groundwater by installing Piezometric wells around the guard pond and sludge disposal site shall be periodically monitored and reports submitted to Ministry's Regional Office at Bangalore, CPCB and APPCB.	Complied Groundwater monitoring through 4 Piezo wells and 6 Bore wells located in and around the guard pond and reports furnishing to APPCB regularly. A copy of the submitted acknowledgment is enclosed in Annexure – 03

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S.No.	Specific conditions	Compliance status
vi.	Gypsum produced as a by-product from phosphoric acid plant shall be utilized in cement industries as a retarded as well as soil conditioner for agricultural use. Waste oil shall be sold to the authorized recyclers / preprocessors.	Complied Gypsum is being disposed off to various nearby industries, predominantly Cement industries and also for agricultural purposes. Waste oil is being disposed to CPCB- approved recyclers.
vii.	The company shall adopt rainwater- harvesting measures to reduce requirement of the fresh water.	Rain water harvesting is not feasible as the plant is very close to the sea and water table is very high in the area. ⁴ However, we have provided collection pit for the collection of the storm water and recycling it in the process to conserve the fresh water.
Viii.	Green belt shall be developed in 33 % area and properly maintained to mitigate the effects of fugitive emissions all around the plant as per the Central Pollution Control Board guidelines.	Complied Out of the 428 acres, the revised land area is 313 (after demarking from VPT) and the green belt is developed in 120 acres area which is more than 33%. Hence Complied Photographs of the plantations are attached in Annexure -04
ix.	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries.	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 05

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B. GENERAL CONDITIONS

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ļ	S.No.	General conditions	Compliance status
ж ,т • ,я	j,	The project authorities must strictly adhere to the stipulations made by the A P. Pollution Control Board (APPCB) and the State Government	Agreed.
	<i>i</i> i. ,	No further expansion/modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests	Prior approval will be taken from statutory body/ MOEF as and when any expansion is envisaged.
بو ج	iii.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.	Maintaining FORM-3 and FORM-13 for storage and transfer of hazardous waste.
,	iv.	The project proponent shall also comply with all the safeguards recommended in the EIA /EMP Report.	Agreed.
۰ ۶	V.	The project authorities will set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS level are in place. We have engaged NABL & MoEFCC accredited Lab to carry out the Environmental monitoring regularly
	vi.	Adequate funds towards capital cost and recurring expenditure/annum shall be earmarked and judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and a time bound	Complied Funds are provided through internal fund allocation systems.

S.No.	General conditions	Compliance status
	implementation schedule for all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purposes.	
vii.	The Regional Office of this Ministry at Bangalore / Central Pollution Control Board / APPCB will monitor the stipulated conditions. A six-monthly compliance status report and the monitored data along with statistical interpretation shall be submitted to monitoring agencies regularly.	Complied Compliance reports are sent regularly and the same are uploaded to the company website. The company website link is <u>https://www.coromandel.biz/</u> A copy of the submitted Half yearly is enclosed in Annexure – 06
viii.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the APPCB / Committee and may also be seen at Website of the Ministry of Environment and Forests at "http:/envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	Complied Advertised in prominent newspapers dated – 27.05.2008 in local language and also English, and copies were forwarded to Regional Office, MoEF.
ix.	The Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work, if any.	Complied The Project was supported with Internal Fund Allocations. All the projects were completed by 2009-10.
X.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not	Noted

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S.No.	General conditions	Compliance status
	satisfactory.	t
xi.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.	Agreed.
xii.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Complied We have obtained Consent for Operation from APPCB CFO Valid up to 31.08.2027. A copy of the CFO herewith enclosed in Annexure – 07 We have obtained a public liability Insurance Policy valid till 12-03-2026. A copy of the PLI herewith enclosed in Annexure – 08

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Annexure -1

TEAM Labs and Consultants

ORIGINAL

Form-No. TCL/UGF/RF-138

Registered Office :

B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

Test Report No	TLC/V/Env/Cl			dt.01.11.2024
Description of Test		n Monitoring Inside the		
Name of the client	Coromandel International Limited, Visakhapatnam			
acation of sampling	stacks attached	to respective plants as p	er details given	· · · · ·
	·			
Stack atlached to	Flow rate NM ³ /Hr	•	- -	APPCB Standard Limit
Complex A	287637	Particulate matter	16	45 mg/NM ³
		Ammonia	58	165.0 mg/NM ³
		Fluoride	1.0	4.0 mg/NM ³
Complex B	267874	Particulate matter	17	45 mg/NM ³
		Ammonia	60.	165.0 mg/NM ³
		Fluoride		4.0 mg/NM ³
Complex C	207978	Particulate matter	14	45 mg/NM ³
Complex C		Ammonia	44	165.0 mg/NM ³
			1.3	4.0 mg/NM ³
		Sulphur dioxide	0.329Kg/MT	I Kg/MT
Sulphuric acid plant- 1	99329	Salphur trioxide	0.02Kg/MT	0.35 Kg/MT
-		Acid mist	Nil	20 mg/NM ¹
Suloburic acid plant-	29167	Sulphur, dioxide	0.161Kg/MT	0.65 Kg/MT
II J		Sulphur trioxide	Nit	0.35 Kg/MT
		Acid mist	Nil	20 mg/NM ³
Phosphoric acid	133440	Particulate matter	30	50 mg/NM ³
plant-1		Fluoride	3.3	20 mg/NM ³
Rock grinding unit	7067	Particulate matter	40	50 mg/NM ³
(NY)PAAP1		Total Fluoride	3.5	20 mg/NM ³
Rock grinding unit	7346	Particulate matter	38	50 mg/NM ³
		Total Fluoride	3.3	20 mg/NM ³
Wharf Boller	10797	Particulate matter	47	115 mg/NM ³
	37268	Particulate matter	27	50 mg/NM ³
plant-2		Total Fluoride	3.7	20 mg/NM ³
	6653	Particulate matter	44	50 mg/NM ¹
(N-2)PAP1			4.2	20 mg/NM ³
New SAP-3	50191	Sulphur dioxide	0.037Kg/MT (52mg/NM ³)	t Kg/MT
		Sulphur, trioxide	NII	0.35 Kg/MT
		Acid-mist	Nil	20 mg/NM ³
DGI	12077	Particulate matter	-10	115 mg/NM ¹
DG2	12030	Particulate matter	44	ter and Coosulta
ċ	station of sampling CEACTACK EMISSION Stack attached to Complex A Complex B Complex C Sulphuric acid plant- 1 Sulphuric acid plant- 1 Sulphuric acid plant- 1 Phosphoric acid plant-1 Rock grinding unit (N-3)PAAP2 Wharf Boller Phosphoric acid plant-2 Rock grinding unit (N-2)PAP1 New SAP-3	cation of samplingstacks attachedCU-CTACK EMISSION MONITORINGStack attached toStack attached toStack attached toComplex A287637Complex BComplex BComplex C207978Sulphuric acid plant- 1Sulphuric acid plant- 1Sulphuric acid plant- 1Phosphoric acid plant-1 11Rock grinding unit (ixi-)PAAP1Rock grinding unit (ixi-)PAAP2Wharf Boller10797Phosphoric acid plant-1Rock grinding unit (ixi-)PAAP107328Wharf Boller10797Phosphoric acid plant-2Rock grinding unit (ixi-)PAAP2New SAP-3DG1	reation of sampling stacks attached to respective plants as f CE-CTACK EMISSION MONITORING FOR THE MONTH O Stack attached to Flow rate parameters Nh1 ⁺ /Hr Particulate matter Complex A 287637 Ammonia Fluoride Complex B 267874 Particulate matter Complex B 267874 Ammonia Fluoride Complex C 207978 Ammonia Fluoride Sulphuric acid plant- 1 99329 Sulphur trioxide Sulphuric acid plant- 1 Sulphur trioxide Sulphuric acid plant- 1 Sulphur trioxide Particulate matter Complex C 207978 Ammonia Fluoride Sulphur trioxide Sulphur trioxide Sulphur trioxide Phosphoric acid plant- 1 Sulphur trioxide Phosphoric acid plant- 1 7067 Particulate matter (N-3)PAAP1 7067 Particulate matter (N-3)PAAP2 Total Fluoride Wharf Boller 10797 Particulate matter New SAP-3 50191 Sulphur dioxide Sulphur trioxide DG1 Sulphur trioxide Particulate matter Particulate matter Sulphur trioxide Particulate matter Total Fluoride Particulate matter Particulate matter Particulate matter Particulate matter Particulate matter Particulate matter Total Fluoride Particulate matter Total Fluoride Particulate matter	reation of sampling stacks attached to respective plants as per details given CC-CTACK EMISSION MONITORING FOR THE MONTH OFOCTOBER 2024 Stack attached to Flow rate parameters Conc. mg/NN1 ² Complex A 287637 Particulate matter 16 Complex B 267874 Ammonia 58 Fluoride 1.0 Particulate matter 17 Complex B 267874 Ammonia 60 Fluoride 1.2 Particulate matter 14 Complex C 207978 Particulate matter 14 Complex C 207978 Sulphur dioxide 0.329 Kg/MT 1 Sulphuric acid plant- 1 99329 Sulphur trioxide 0.102 Kg/MT (15mg/NM1 ³) Sulphurie acid plant- 1 29167 Sulphur trioxide 0.161 Kg/MT Sulphur trioxide Nill Phosphorie acid 1 433440 Particulate matter 30 Fluoride 1.3 Sulphur trioxide Nill Phosphorie acid 1 53440 Particulate matter 30 Fluoride 3.3 Rock griading unit 7067 Particulate matter 30 Fluoride 3.3 Rock griading unit 7346 Particulate matter 40 (N-3)PAAP1 Total Fluoride 3.3 Rock griading unit 7346 Particulate matter 40 (N-3)PAAP1 Total Fluoride 3.3 Rock griading unit 6653 Particulate matter 47 Phosphorie acid 37268 Particulate matter 44 (N-2)PAP1 Total Fluoride 3.3 Wharf Boiler 10797 Particulate matter 47 Phosphorie acid 37268 Particulate matter 44 (N-2)PAP1 Total Fluoride 4.2 New SAP-3 Sulphur trioxide Nill New SAP-3 Sulphur trioxide Nill DG1 Particulate matter 40

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Labs and Consultants

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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

rescription of Test Name of the client		on monitoring inside the	CIL		
		Source Emission Monitoring inside the CIL			
	Coromandel International Limited, Visakhapatnam stacks attached to respective plants as per details given				
cation of sampling	stacks attached	to respective plants as p	er details given		
CE/ STACK EMISSION					
Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ³	APPCB Standard Limit	
Complex A	282609	Particulate matter	18	45 mg/NM ³	
		Ammonia	62	165.0 mg/NM ³	
		Fluoride	0.9	4.0 mg/NM ³	
Complex B	257666	Particulate matter	18	45 mg/NM ³	
		Ammonia	68	165.0 mg/NM ³	
		Fluoride	1.0	4.0 mg/NM ³	
Complex C	215727	Particulate matter	20	45 mg/NM ²	
		Ammonia	48	165.0 mg/NM ³	
·		Fluoride	<u>I.1</u>	4.0 mg/NM ³	
		Sulphur dioxide	0.304Kg/MT (220mg/NM ³)	! Kg/MT	
Sulphuric acid plant- I	97903	Sulphur trioxide	0.028Kg/MT (20mg/NM ³)	0.35 Kg/MT	
		Acid mist	Nil	20 mg/NM ³	
Sulphuric acid plant-	26619	Sulphur dioxide	0,167Kg/MT (105mg/NM ³⁾	0.65 Kg/MT	
11		Sulphur trioxide	ทส	0.35 Kg/MT	
		Acid mist	NII	20 mg/NM ³	
Phosphoric acid	131104	Particulate matter	28	50 mg/NM ³	
plant-1		Fluoride	4.3	20 mg/NM ³	
	6653	Particulate matter	42	50 mg/NM ³	
			3.8	20 mg/NM ³	
		Particulate matter	35	50 mg/NM ³	
(N-3)PAAP2		Total Fluoride	3.1	20 mg/NM ³	
Wharf Boiler	10769	Particulate matter	42	115 mg/NM ³	
Phosphoric acid	37794	Particulate matter		50 mg/NM ³	
plant-2		Total Fluoride	3.9	20 mg/NM ³	
	6237	Particulate motter	47	50 mg/NM ³	
(N-2)PAP1				20 mg/NM ²	
New SAP-3	47948	•	(60mg/NM ³)	1 Kg/MT	
			<u> </u>	0.35 Kg/MT	
				20 mg/NM3	
	11426	Particulate matter		SO BUILDING	
DG2	1180	Particulate matter		X INSAR NM?	
			For TE H	Trus and Consultan	
	Complex A Complex B Complex B Complex C Sulphuric acid plant- 1 Sulphuric acid plant- 1 Sulphuric acid plant- 1 Phosphoric acid plant-1 Rock grinding unit (N-1)PAAP1 Rock grinding unit (N-3)PAAP2 Wharf Boiler Phosphoric acid plant-2 Rock grinding unit (N-2)PAP1	NM³/HrComplex A282609Complex B257666Complex C215727Sulphuric acid plant- 197903Sulphuric acid plant- 1126619Phosphoric acid plant-1131104Phosphoric acid plant-1131104Rock grinding unit (N-3)PAAP16653Wharf Boiler Phosphoric acid plant-210769Phosphoric acid plant-137794New SAP-347948DGI11426	NM³/HrParticulate matterComplex A282609AmmoniaComplex B257666FluorideComplex B257666AmmoniaComplex C215727Particulate matterComplex C215727AmmoniaFluorideSulphur dioxideSulphuric acid plant-197903Sulphur trioxideIl26619Sulphur dioxideSulphuric acid plant-126619Sulphur dioxidePhosphoric acid131104Particulate matterPhosphoric acid131104Particulate matterRock grinding unit6653Particulate matter(N-1)PAAP17067Particulate matterRock grinding unit6237Particulate matterPhosphoric acid37794Particulate matterInant-210769Particulate matterRock grinding unit6237Particulate matterNew SAP-347948Sulphur dioxideDG111426Particulate matter	NM ³ /Hr Particulate matter 18 Complex A 282609 Particulate matter 18 Complex B 257666 Particulate matter 18 Complex B 257666 Particulate matter 18 Complex C 215727 Particulate matter 20 Complex C 215727 Particulate matter 20 Complex C 215727 Ammonia 48 Fluoride 1.0 Particulate matter 20 Sulphuric acid plant-I 97903 Sulphur dioxide 0.304Kg/MT Sulphurix acid plant-I 97903 Sulphur trioxide 0.028Kg/MT Sulphurix acid plant-I 26619 Sulphur dioxide 0.167Kg/MT II Acid mist Nil Nil Phosphoric acid 131104 Particulate matter 28 plant-1 6653 Particulate matter 38 Rock grinding unit 6653 Particulate matter 35 (N-3)PAAP2 Total Fluoride 3.1 Yharf Boiler 10769	

TEAM Labs and Consultants

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ORIGINAL

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph.: (O) 040-23748555 / 23748616, Fax: 040-23748666, Email : teamlabs@gmail.com

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986 NABL Accredited Laboratory (Certificate No. TC-12956)

TEST REPORT

	Test Report No	TLC/V/Env/C1L/17/1224			dt.31.12.2024	
	Description of Test		n Monitoring inside the			
	Same of the client	Coromandel International Limited, Visakhapatnam				
Lo	cation of sampling	stacks attached	to respective plants as p	er details given		
	CE/STACK EMISSION	MONITORING	FOR THE MONTH OF	FDECEMBER-202		
S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ³	APPCB Standard Limit	
1	Complex A	263985	Particulate matter	19	45 mg/NM ³	
	-		Ammonia	80	165.0 mg/NM ³	
			Fluoride	1.2	4.0 mg/NM ³	
2	Complex B	252704	Particulate matter	20	45 mg/NM ³	
	_		Ammonia	75	165.0 mg/NM ³	
			Fluoride	1.3	4.0 mg/NM ³	
3	Complex C	216128	Particulate matter	22	45 mg/NM ³	
	-		Ammonia	65	165.0 mg/NM ³	
			Fluoride	ſ.2	4.0 mg/NM ³	
4				0.312Kg/MT (230mg/NM ³)	I Kg/MT	
	Sulphuric acid plant- 1	96160	Sulphur trioxide	0.027Kg/MT (20mg/NM ³)	0.35 Kg/MT	
			Acid mist	Nil	20 mg/NM ³	
5	Sulphuric acid plant-	29076	Sulphur dioxide	0.174Kg/MT (100mg/NM ³⁾	0.65 Kg/MT	
	11		Sulphur triexide	Nil	-0.35 Kg/MT	
			Acid mist	Nil	20 mg/NM ³	
6	Phosphoric acid	127993	Particulate matter	34	50 mg/NM ³	
	plant-1		Fluoride	-1.4	20 mg/NM ³	
7	Rock grinding unit	6736	Particulate matter	40	50 mg/NM ³	
	(N-1)PAAP1		Total Fluoride	3.2	20 mg/NM ³	
8	Rock grinding unit	7346	Particulate matter	37	50 mg/NM ³	
	(N-3)PAAP2	,	Total Fluoride	2.9	20 mg/NM ³	
9	Wharf Boiler	6564	Particulate matter	-44	115 mg/NM ³	
	Phosphoric acid	39914	Particulate matter	32	50 mg/NM ³	
10	plant-2		fotal Fluoride	3.5	20 mg/NM ¹	
Í	Rock grinding unit	6098	Particulate matter	46	50 mg/NM ²	
11	(N-2)PAPI		Total Fluoride	3.8	20 mg/NM ³	
12	New SAP-3	46154	Sulphur dioxide	0.052Kg/MT (80mg/NM ³)	1 Kg/MT	
	1		Sulphur trioxide	NII	0.35 Kg/MT	
			Acid mist	Nil	20 mg/NM ³	
13	DGI	11117	Particulate matter	40	115 mg/NM ³	
14	DG2	10985	Particulate matter	44	218 of NM	

For TEAM

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T	E	a <i>m</i>		ORIGINAL		Form-No. T
	<u> </u>	nd Consultant	- S	Registered Office	•	
		B-115, 116, 117 & 5	09, Annapoon 48555 / 23748	na Block, Aditya Encla 616, Fax : 040-23748	ave, Ameerpet, H	yderabad - 530038 habs@omail.com
		Recognised as	Environmental	Laboratory under En	vironmental (Prol	ection) Act 1986
		N.	ABL Accredite	d Laboratory (Certific		, 100 ./203
				TEST REPORT		
F		Test Report No Description of Test	TLC/V/Env/C	CIL/17/0125		dt.01.02.2025
ŀ		Name of the client	Coromandel 1	ion Monitoring inside th International Limited, Vi		
ſ	1	ocation of sampling	stacks attache	d to respective plante as	per details sives	
Í	SOUL	RCE/ STACK EMISSION	MONITORIN	G FOR THE MONTH O	FJANUARY-2025	
ļ	S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Couc. mg/NM1	APPCB Standa, d
	I	Complex A	258757	Particulate matter	21	45 mg/NM ⁴
				Ammonia Fluoride	65	165.0 mg/NM ³
	2	Complex B	242206	Particulate matter	<u>1.0</u> 19	4.0 mg/NM ³ 45 mg/NM ³
				Ammonia	90	165.0 mg/NM ³
⊢			······	Fluoride	1,2	4.0 mg/NM ³
	3	Complex C	213639	Particulate matter	18	45 mg/NM ³
				Ammonia Fluoride	70	165.0 mg/NM ³
	4			Sulphur dioxide	1.4 0.324Kg/MT (245mg/NM ³)	4.0 mg/NM ³ I Kg/MT
		Sulphoric acid plant- 1	93924	Sulphur trioxide	0.033Kg/MT (25mg/NM ³)	0.35 Kg/MT
-	5	·		Acid mist	Nil	20 mg/NM ³
	•	Sulphuric acid plant- II	26955	Sulphur dloxide Sulphur trioxide	0.18Kg/MT (110mg/NM ³⁾	0.65 Kg/MT
				Acid mist	ND Nil	0.35 Kg/MT
	6	Phosphoric acid	128217	Particulate matter	32	20 mg/NM ³ 50 mg/NM ³
		plant-t		Fluoride	4.9	20 mg/NM ³
	7	Rock grinding unit (N-1)PAAPI	6098	Particulate matter	44	50 mg/NM ³
F	8	Rock grinding unit	6930	Total Fluoride	3.3	20 mg/NM ³
		(N-3)PAAP2	0730	Particulate matter Total Fluoride	36	50 mg/NM ³
	9	Whurf Boiler	9969	Particulate matter	<u> </u>	20 mg/NM ³
Í		Phosphoric acid	40898	Particulate matter	30	115 mg/NM ³ 50 mg/NM ³
	10	plant-2		Total Fluoride		20 mg/NM ³
	n	Rock grinding unit (N-2)PAP1	5821	Particulate matter Total Fluoride	45 3.4	50 mg/NM ³ 20 mg/NM ³
	12	New SAP-3	43114	Sulphur dioxide	0.043Kg/MT	I Kg/MT
				Sulphur trioxide	(70mg/NM ³) 	0.35 Kg/MT
	13	DGI	11296	Acid mist Particulate matter	Nil 38 and	20 mg/NM ³
	14	DG2	11079	Particulate matter	1427	HS mg/NM ³
				<u> </u>	For TEAMLLabs	and Consettants

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Form-No. TCL/L/GF/RF-138

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Registered Office :

B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

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TEST REPORT

escription of Test				
cation of sampling	stacks attached	to respective plants as p	er detalls given	
Stack attached to	Flow rate	parameters	Conc. mg/NM ³	APPCB Standard Limit
Complex A	237370	Particulate matter	19	45 mg/NM ³
		Ammonia	95	165.0 mg/NM ³
		Fluoride	1.1	4.0 mg/NM ³
Complex B	240222	Particulate matter	20	45 mg/NM ³
•		Ammonia	85	165.0 mg/NM ³
		Fluoride		4.0 mg/NM ³
Complex C	220097	Particulate matter		45 mg/NM ³
			-10	165.0 mg/NM ³
		Fluoride	1.9	4.0 mg/NM ³
			(255mg/NM ³)	I Kg/MT
Sulphurie acid plant- 1	95275		(30mg/NM ³)	0.35 Kg/MT
		Acid mist	1	20 mg/NM ³
Sulphuric acid plant-	25839	Sulphur dioxide	0.16Kg/AJT (100mg/NM ³¹	0.65 Kg/MT
п		Sulplmr trioxide	Nil	0.35 Kg/MT
		Acid mist	† Nil	20 mg/NM ³
Phosphoric acid	134404	Particulate matter	41	50 mg/NM ³
plant-1		filuoriale	4.7	20 mg/NM ³
	5960		the second se	50 mg/NM ¹
				20 mg/NM ³
	6791			50 mg/NM ³
<u>1 </u>	ļ	Total Fluoride		20 mg/NM ³
				. 115 mg/NM ³
	41772			50 mg/NM ³
				20 mg/NM ³
Rock grinding unit (N-2)PAP1	6098	<u>Particulate matter</u> Total Fluoride	<u>48</u> 3.9	50 mg/NM ³ 20 mg/NM ³
		Salphur dioxide		I Kg/MT
New SAP-3			-	0.35 Kg/MT
		Acid mist	-	20 mg/NM ³
DG1	11186	Particulate matter	35	USuno/NMI'
DG2		Particulate matter	32	2115 ID 1940
	ame of the client cation of sampling E/ STACK EMISSION Stack attached to Complex A Complex B Complex C Sulphuric acid plant- 1 Sulphuric acid plant- 1 Sulphuric acid plant- 1 Sulphuric acid plant- 1 Rock grinding unit (N-1)PAAP1 Rock grinding unit (N-3)PAAP2 Wharf Boiler Phosphoric acid plant-2 Rock grinding unit (N-2)PAP1 New SAP-3	escription of Test Source Emissio Jame of the client Coromandel In cution of sampling stacks attached Tel STACK EMISSION MONITORING "Stack attached to Flow rate NM ³ /Hr Complex A 237370 Complex B 240222 Complex B 240222 Complex C 220097 Sulphuric acid plant- I 95275 Sulphuric acid plant- II 95275 Phosphoric acid plant- IR ock grinding unit 5960 (N-1)PAAP1 Rock grinding unit 6791 (N-3)PAAP2 Wharf Boiler 9143 Phosphoric acid 41772 plant-2 Rock grinding unit 6098 (N-2)PAP1 New SAP-3 DG1 11186	escription of Test Source Emission Monituring inside the anne of the client Coromandel International Limited, Vis cation of sampling stacks attached to respective plants as properties of the complex to the sample of the client of the clie	escription of Test Source Emission Monitoring Inside the CIL ame of the client Coromandel International Limited, Visukhapatnam cation of sampling stacks attached to respective plants as por details given. TJ STACK EMISSION MONITORING FOR THE MONTH OF FEBRUARY-2025 "Stack attached to Flow rate NM ³ /Hir Particulate matter 19 Complex A 237370 Corollary Corollary Statements Corollary Statements Corollary Statements (Corollary Statements) Complex A 237370 Animonia 95 Flooride 1.1 Complex B 240222 Animonia 85 Flooride 1.0 Complex C 220097 Animonia 40 Flooride 1.0 Complex C 220097 Animonia 40 Flooride 1.0 Sulphuric acid plant- I Sulphuric acid plant- I Sulphuric acid plant- If Complex C 25839 Sulphuric acid plant- If Sulphur trioxide 0.41Kg/MT Sulphuric acid plant- If Sulphur flooride 1.3 Sulphuric acid plant- If Sulphur flooride 1.3 Sulphuric acid plant- If Sulphur flooride 1.3 Sulphuric acid plant- If Sulphur flooride 1.3 Sulphur flooride 1.3 Sulphur flooride 1.3 Sulphur flooride 3.2 Rock grinding unit 5960 Particulate matter 41 (N-3)PAAP2 Total Flooride 3.2 Rock grinding unit 6791 Particulate matter 46 (N-3)PAAP2 Total Flooride 3.2 Rock grinding unit 6098 Particulate matter 37 Phosphoric acid 41772 Particulate matter 37 Total Fluoride 3.4 (N-2)PAP1 Flooride 3.4 New SAP-3 Sulphur dioxide - Sulphur trioxide 3.9 New SAP-3 Particulate matter 35 DG1 1186 Particulate matter 35 Particulate matter 35 Particulate matter 48 New SAP-3

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Labs and Consultants

Registered Office :

B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

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TEST REPORT

	test Report No	TLC/V/Euv/Cl1/			dr.31.03.2025
	Description of fest	Source Emission	Monitoring inside the CIL		
	Name of the client		mational Limited, Visakin	patanai	
1	Location of sampling	stacks attached to	respective plants as per de	etails given	
OUR	CE/STACK EMISSION MO	DNITORING FOR	THE MONTH OFMARCH		
S.No.	Stack attached to	Flow rate NM ¹ /IIr	parameters	Conc. mg/NM*	APPCB Standard Limit
			Particulate matter	18	45 mg/NMP
1	Complex A	269152	Ammonia	78	165.0 mg/NM ²
			Fluoride	1.3	4.0 mg/NM ³
			Particulate mutter	16	45 mg/NA13
2	Complex B	247360	Ammonia	55	165.0 mg/NMF
			Finoride	1.1	4.0 mg/NM ²
	<u> </u>		Particulate matter	15	45 mg/NM ⁴
3	Complex C	221396	Λαποπία	45	165.0 mg/NM ³
	J		Fluoride	1.5	4.0 mg/NM ³
4	Sulphuric acld plant-1		Suppling dioxide	0.338Kg/MT 	I Kg/AIT
		99750	Sulphur trioxide	0.041 Kg/MT (35mg/NM ⁴)	0.35 Kg/MT
	Į		Acid mist	Nil Nil	20 mg/NM ²
5	Sulphuric neid plant-11	25242	Sulphur dlaxide	0.17Kg/MT (110mg/NM ³⁾	0.65 Kg/MT
			Sulphur trioxide	NI	0.35 Kg/MT
			Acid mist	Nil Nil	20 mg/NM ²
6	Phosphoric acid plant-1	134965	Particulate matter	44	50 mg/NM ⁴
	· · · ·		Fluoride	4.9	20 mg/NM ³
7	Rock grinding unit (N-	6376	Particulate matter	43	50 mg/NM ²
	DPAAPI		Total Fluoride	3.3	20 mg/NM ²
8	Rock grinding unit (N-	6653	Particulate matter	- 11	50 mg/NM ³
	×3)PAAP2		Total Fluoride	4.1	20 mg/NA13
ŋ	Wharf Boller	8906	Particulate matter	47	115 mg/NM ²
	Phosphoric acid plant-2	41774	Particulate matter	39	50 mg/NA13
10		ļ	Total Fluoride	3.6	20 mg/NM ¹
	Rock grinding unit (N-	6237	l'articulate matter	-10	50 mg/N&1
	2)PAPI		Total Fluoride	3,0	20 mg/NA1 ²
12	New SAP-3	44056	Sulphur dioride	0.05Kg/MT (80mg/NMP)	4 Kg/MT
	1		Sulphur trioxide	NU	0.35 Kg/MT
	1		Acid mist	Nit	20 mg/NM ³
13	DG1	11117	Particulate matter	39	115 mg/NM ³
14	DG2	19369	Particulate matter	-10	115 mg/NM ²

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Coromandel International Limited

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Post Box No. 1116, Sriharlpuram, Malkapuram Post Visakhapatnam - 530 Oli, Andhra Pradesh, India Tel: 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852KIZC

25-04-2025

<u>а</u>,

EHS/APPCB/2025 - 050

Τo,

The Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Green House, Gopala Reddy Road, Vijayawada - 520010

Dear Sir,

Sub: Submission of AAQM online data for the last Six months, Coromandel International Limited. Visakhapatnam -Reg.

Ref - EC COMPLEX PAP (F.No. J-11011/388/2006-IA (II), Dated 18th May 2007

This is bringing to your kind information that in reference to the EC COMPLEX PAP (F. No. J-11011/388/2006-1A (II), dated 18th May 2007, we are pleased to submit the online data from the Ambient Air Quality Monitoring System (AAQMS) for the last Six months of the October - 2024 to March - 2025. The details are enclosed in the Annexure - I.

This is for your kind information & Records

Thusking you,

Yours faithfully,

for Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

Enclosure: Annexure - I - AAQIviS online data for the last six months. Copy to: RO, APPCB, Visakhapatnam

68/69332082418 TUR:8278673526824 RL NALKAPIRAN S.D (530011) Counter Ho:1.26/04/2025.11:68 To:NE INSPECTOR.ME FALC PIN:520010. Venkatesparadurad S.D From:CUKONAND. SRINWEIPURAN 91:14coss.NEG=17.0 Aat:25.56.Tax:3.56.Aat.Parti26.CO/Cush)

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Registered Office : Coromandet House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India Tel - 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : mail@coromandel.murugappa.com

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			AQM Six Monthly Average (October - 2024 to March - 2025)	K Month	y Averag	e (Octob	fr - 202	4 to Man	ch - 202			CAADM - S	CAA DM - Shared Se wice Center	vice Cente	
											ſ				
APCB Limit	Link (10	1 Jank 60	(1 Juni: 1	Limit 20	Link 400	11mil 105	Clark 60	Link 80	C = 1 80	1 de	Limh 100	Climit 60	101 101	08 HEFT	Limit 400
	(W/R.a.	114/314	, may dan	(W/M		- Talian	injan	,=;);=	;m;/Ba	eg/mc1	up/m!	t m) Ma	101/ 3 m	WJ/INI	, wjila
Parameters	DIM	PMZS	205	Nor	Ę	PMID	PM2.5	205	Nox	EHN	P://10	PM2.5	5 0 2	Nox	EHN
Det 24	8E.6A	16.26	24.06	87.8	12.06	(E.3t	SECT	10,26	SE.C	6.93	52.16	32.4	32.19	13.69	3.21
HOV2A	67.63	21.08	18,82	11.99	20.48	19:05	21.61	10.54	7.55	6.92	74.23	34.75	36.06	19.26	6.33
Dac'24	45.5	18.4	33.AS	14.53	JR 46	575	21.27	28.39	7.49	6.87	47.28	57.QE	39.95	21.82	3.48
ten'15	11.12	33.61	1122	14.72	14,36	54,63	62.61	82.62	563	6.84	40.98	27.75	57	9'61	87°E
Feb'25	50.47	24.45	1602	787	M0.01	EE	٩T	24.47	162	¢.92	36.17	20.02	TPYI	20.21	761
Mar'25	27.69	14.64	24.02	11.45	EV/T	30.53	38.1	25.6	4.65	96'9	95\$2	96.51	77. 6	13.65	e7.1
Avg	85.24	18.11	25.66	12.51	16.97	45.12	12.74	24.54	81.02	6.92	45.73	78.44	26.56	17.17	17.2

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Annexure -3

Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkaburam Post Visakhapatnam - 530 Oli, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extri No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

EHS/APPCB/2025 - 047

14-04-2025

То

Eduironmental Engineer
 A.P. Pollution Control Board
 Regional Office
 Visakhapatnam – 530 018

SUB: Coromandel International Limited, Sriharlpuram, Malkapuram (PO), Visakhapatnam Dist, – Submission of piezo well water analyses report as per CFO order no: APPCB/VSP/65/CFO/HO/1967 、 - Dt. 04/08/2023

Ref: General condition no:16 in CFO order APPCB/VSP/65/CFO/HO/1967 - Dt. 04/08/2023

Dear Sir,

We have received APPCB/VSP/65/CFO/HO/1957 - Dt. 04/08/2023. As mentioned in the CFO order general condition no:16 in general category, we are here with submitting the details of piezo well water analyses for the month of, January, February & March -2025 in enclosed Annexure - 1.

For your perusal and record. Kindly acknowledge receipt of the same.

1.00

Yours Truly For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

NÁG/DNR

Enclosure: fiezo well water analyses reports.



Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 ____ Telangana, India

Tel 91-40-27842054 / 27847212 Fax (91-40-278441)7 E-mail (mail@coromandel.murugappa.com

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For T Consultants



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Form-No. TCL/L/GF/RF-138

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Registered Office :

B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph.: (O) 040-23748555 / 23748616, Fax : 040-23748666, Emsil : teamlabs@gmail.com

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Test	Report No	TLC/V/Env/CFL/21A/0225	dt.02.03.2025
Descr	iption of Test	Peizo wells Water analysis	
Name	of the client	Coromandel International Limiter	l, Visakhapatnam
Locatio	on of sampling	Stations as per details given	· ·· ·····
Dute of S	ample collection	As per details	given
No	Date	Locution of Peizo-well	F- mg/L
1	22.02.2025	CFL - colony	0.5
2	22.02.2025	Near4 OP Gate	0.6
~2	22.02.2025	Near 7th gate	0.5
4	22.02.2025	CRC	0.5
		IS10500 Permissible limit	-1.5
	Protocol		SM 4500 F- D

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Registered Office : ma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. 8515, Fax : 040-23748666, Email : teamlabs@gmail.com al Laboratory under Environmental (Protection) Act 1986 ed Laboratory (Certificate No. TC-12956) TEST REPORT	
ma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. 8515, Fax : 040-23748666, Email : teamlabs@gmail.com al Laboratory under Environmental (Protection) Act 1986 ed Laboratory (Certificate No. TC-12956) TEST REPORT	
86 15, Fax : 040-23748666, Email : teamlabs@gmail.com al Laboratory under Environmental (Protection) Act 1986 ed Laboratory (Certificate No. TC-12956) TEST REPORT	
ed Laboralory (Certificate No. TC-12956) TEST REPORT	
TEST REPORT	
/V/Env/CFL/22A/0325 dt.31.03.2025	
/V/Env/CFL/22A/0325 dt.31.03.2025	
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undel International Limited, Visakhapatnam	
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As per details given	
colony 0.4	
500 Permissible limit 1.5	
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COROMANDEL INTERNATIONAL LTD. VISAKHAPATNAM. GREEN BELT PHOTOS







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Coromandel International Limited Post Box No, 1116, Sriharlpuram, Malkapuram Post Visakhapatnam - 530 Olt, Andhra Pradest., India Tel : 91-891-2578400 DID: 91-891-2893+Extn No Website www.coromandel.biz L24120AP1961PLC0D0892 CIN GSTIN: 37AAACC7852KIZC

30-04-2025

Annexure -5

EHS/APPCB/2025 - 54

То

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

Dear Sir.

This has reference to above mentioned subject, we are submitting the detailed report of CSR/CER activities carried out by Coromandel International Limited, Vizag during the period from October 2025 to March 2025.

We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

The above submission is in line with EC compliance & Record please.

4 23 Ant: 55.46. Tax: 8.46. Ant. Past: 55.00(Cash) Thanking you, Ēr, (Track on www.indiapost.cov.in) STUDIET Í3 Yours faithfully. ťĭ For Coromandel International Limited NESSESSO71918 115 802655550719 Counter No: 1.02/05/2025.11:53 INTRE NUMER SELATION HEAD OFFIC Gnanasundaram M Wt:1020s5.5E8=17.0 Vice President & Head Mfg. C Ast: 55.46.Tax: 8.46.Ast. Paid: 55.00(Cash) different on une sodiamet one inc. ntim NÁG/DNR Enclosure: CSR/CER Report Copy: RO, APPCB, Visakhapatnam Registered Office : Coromandel House, 1-2-10 fel 91-40-27842034 / Sardar Patel Road, Secunderabad-500 OCJ Fax. 91-40-27844117 Telangana, 1tdia ---E-mail: mail@coromandel:murugappa.com murugappa

Annexure -6

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MoEF Complex EC - PAP Date: 18.05.2007

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EC-N_O-F.N_O-J-11011/388/2006-IA II (I) Date : 18-05-2027

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ю	ME AROUTUS + FORINDUSTRY + FOR PUBLIC + CONTACTPUS 10GINS +	
Compliance of EC/CFE/ CFO/ Direction	ons	
For submission of compliance reports by the industries	、 、	
1.Compliance Report :	2 EC Order Number*	
EC	_∌ EC-NO-F.NO-J-\$1011/388/2005-14 ¥ (I)	
3 EC Order Issued On *	4 EC Order Issued By *	
05/18/2007	NoEF&CC, Deth	
5. Name of the Industry . *	t, Address '	
Coromandel International Lunded	Srihanpuram, Makapuram PO Visakhepatarum - 530	
7. Date:	8. Email*	
Visekhapatnam	a nagarajud@coronandel.murupappa.com	
5. Phone : *	10. Status of Compliance ; *	
8790035522	Completion and a second s	
11, Upload the Compliance Report ; *		
Choose File McEF Complex EC - PAP por	t	
Note, *		
(P COELECTION AND Cleanance (EC) * Project propries small projects)	ment shall submit Half-yeerly EC Compliance report certified by accredited consultant (self-certified compliance report in case of	
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3.EC Order Issued On *		OK	
05/1&2007	**************************************		
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Coromandel International Limited	Sonaripurato , Makapuraro PO Visi	staspataom - 530L	
7. District :	Bernari 2.** Bernari 2.** Strand 2.** tan, tangang tan	terrene e statemente e de participante e a ganta	
Visakhapatnam	nagarajud@coromandef.murugapps	A.COM	
S. Phone : 4	10. Stelus of Complemer *	rati pita gjirra	
8790035622			
11. Upload the Compliance Report . *			
Choose File MoEF Complex EC - PAP.pdf			
Note, * ZEnvironmental Cleanance (EC) : Project pr smalt projects)	oponent shall şubmit Half-yearty EC Compliance r	eport certified by acception consultant (self-certified	compliance report in case of
Submit			



Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 OII, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120API961PLC000892 GSTIN : 37AAACC7852KIZC

Date: 30.12.2024

EHS/APPCB/2024 - 146

Ϋ́To

The Environmental Engineer,

Andhra Pradesh Pollution Control Board, Regional Office, Behind RTA Office, Madhavadhara VUDA Colony, Visakhapatnam - 530 018

Sub: Submission of Six-monthly compliance report for Environmental Clearance order for enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD as on 30.12.2024 - Reg

Ref: 1. EC Order No - F.No. J-11011/388/2006-IA II (I) - Date 18.05.2007
 2. APPCB Notice No - PCB/RO-VSP/6 months compliance/2018 - Date 05. 07.2018

With reference to the above subject, herewith we are submitting the Six monthly condition wise compliance report as on 30.12.2024 of stipulated conditions in Environmental Clearance issued by MoEF, Newdelhi vide F.No. J-11011/388/2006-IA II (I) dated 18.05.2007of M/s Coromandel International Limited, Sriharipuram Visakhapatnam for enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD duly Certified by M/sTEAM Labs and Consultants NABL accredited Laboratory after carrying out site visit during the period 18.12.2024 and 19.12.2024 is enclosed for records.

This is for information please.

Thanking you,

Yours faithfully

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

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Enclosures: 1. EC compliance report 2. NABL accreditation Certificate

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India Tel 91-40-27842034 / 27847212 Fax , 91-40-27844117 E-mail - mail @coromandel.murugappa.com





ANDHRA PRADESH POLLUTION CONTROL BOARD REGIONAL OFFICE, VISAKHAPATNAM

R LAKSHMI NARAYANA ENVIRONMENTAL ENGINEER Plot No.14, Flat No.103 & 104, Journalist Colony, Marripalem VUDA Colony; Opp: Spencers Vísakhapatnam - 530009 Ph: 0891 – 2755356

Date:05/07/2018

Notice .No. /PCB/RO-VSP/6 months compliance/2018 -

- Sub:- APPCB, RO, VSP Non-submission of the Half yearly compliance report of CFO & HWA Conditions Notice issued Reg.
- Ref:- CFO & HWA Order issued by APPCB from time to time to the industries.

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WHEREAS, you are operating the industry in the jurisdiction of Visakhapatnam and obtained CFO of the Board from time to time.

WHEREAS, the APPCB has issued CFO & HWA Order by stipulating certain conditions to comply with.

WHEREAS, while issuing CFO and Auto Renewal CFO Orders, the Board stipulated a condition "The facility shall submit the compliance report to all the stipulated conditions for Consent for Operation for every six months i.e. on 1st of January and 1st of July of every year."

In view of the above, you are here by directed to submit the CFO & HWA compliance report for every six months i.e. on 1st of January and 1st of July of every year.

You are requested to follow the above instructions without fail.

Raavi Digitally signed by Raavi Lakshmi Lakshmi Narayana Date: 2018.07.05 Narayana 13:52:59 +05'30' ENVIRONMENTAL ENGINEER

-12 - 1<u>2 -</u>

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National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TEAM LABS AND CONSULTANTS

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

B-115,116,117 & 509, ANNAPURNA BLOCK, ADITYA ENCLAVE, AMEERPET, HYDERABAD, TELANGANA,

In the field of TESTING Valid Until: 23

23/01/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (Fo see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: TEAM LABS AND CONSULTANTS

Signed for and on behalf of NABL



N. Venkateswaran Chief Executive Officer



Registered Office : B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001. Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

Coromandel International Limited, Visakhapatnam

MoEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by MOEF for enhanced production capacity of Phosphoric acid plant from 500 MTPD to 700 MTPD

Reference : F No. J-11011/388/2006-IA II (I) dated 18.05.2007

(For the period from June -24 to November -24)

A. SPECIFIC CONDITIONS:

 The gaseous emissions (SO₂, NO_x, NH₃, Urea dust) particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Monitoring of HF shall be carried out along with other parameters. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified. Complied All the applicable gaseous parameters including that of Fluorides are monitored vide online OCEMS and are connected to the APPCB & CPCB and are maintained within the limits. Necessary interlocking are in place to limit the emission within the limits. 	S.No.	Specific conditions	Compliance status
to achieve the desired efficiency. is enclosed as Annexure – 01.	I.	The gaseous emissions (SO ₂ , NO _x , NH ₃ , Urea dust) particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Monitoring of HF shall be carried out along with other parameters. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified	Complied All the applicable gaseous parameters including that of Fluorides are monitored vide online OCEMS and are connected to the APPCB & CPCB and are maintained within the limits. Necessary interlocking are in place to limit the emission within the limits. Regular 3rd party monitoring reports are submitted to the concerned autrhoroties A copy of the acknowledgment herewith

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Coromandel International Limited, Visakhapatnam

S.No.	Specific conditions	Compliance status
11.	Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration is anticipated in consultation with the APPCB and data submitted to the Ministry's Regional Office at Bangalore six monthly and APPCB quarterly along with statistical analysis.	Complied Installed three online monitoring AAQM stations and connected them to the APPCB server. Ambient air quality is also being monitored through MoEF approved laboratory and AAQMS data is submitted to MoEFCC& APPCB regularly. Quarterly reports are being submitted to APPCB.(Acknowledgment copy is attached) A copy of the submitted acknowledgmentis enclosedAnnexure - 02
Ш.	Total water requirement will be met from Municipal Water supply. No effluent will be generated from water- soluble fertilizer plant since entire quantity of water will be recycled in the process. Liquid effluent from cooling tower blow down will be recycled and reused in phosphoric acid / granulation plants and in case of no consumption, it will be sent to ETP. Treated effluent will be disposed off into the sea at a distance of 5.0 K through a channel.	Complied Pesently the water requirement are met through the 6 MLD de-salination plant and 16600KLD GVMC supply. - Effluent generated from Water Soluble Fertilizer plant and cooling Tower blow down water are recycled in the process. - Once through cooling is discharged into sea at a distance of more than 6 KM through a channel.
iv.	Prior clearance under the Coastal Regulation Zone (CRZ) shall be obtained from the State / Central Govt. for the disposal of treated effluent into the Sea.	Complied Industry obtained permission to discharge its treated effluents from ETP and return Once through cooling water



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TEAM Labs and Consultants

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S.No.	Specific conditions	Compliance status
		in a common channel provided by the Visak Port authorities since the plant was established in 1967 (prior to CRZ rules 1991) The discharge point is approx. 03 km away from the Meghadrigedda overflow channel. All other industries (HPCL, APCL, IOCL, and BPCL) are also discharging into a common channel.
V. 2 مريد	Regular monitoring of groundwater by installing Piezometric wells around the guard pond and sludge disposal site shall be periodically monitored and reports submitted to Ministry's Regional Office at Bangalore, CPCB and APPCB.	Complied Groundwater monitoring through 5 Piezo wells and 8 Bore wells located in and around the guard pond and reports furnishing to APPCB regularly. A copy of the submitted acknowledgment is enclosed in Annexure – 03
VÎ.	Gypsum produced as a by-product from phosphoric acid plant shall be utilized in cement industries as a retarded as well as soil conditioner for agricultural use. Waste oil shall be sold to the authorized recyclers / preprocessors.	Complied Gypsum is being disposed offto various nearbyindustries, predominantly Cement industries and also for agricultural purposes. Waste oil is being disposed to CPCB- approved recyclers.
vii.	The company shall adopt rainwater- harvesting measures to reduce	Rain water harvesting is not feasible as the plant is very close to the sea and water table is very tigh in the

Coromandel International Limited, Visakhapatnam

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S.No.	Specific conditions	Compliance status
	requirement of the fresh water.	area. However collection pit provided for the collection of the storm water an recycling it in the process to conserv the fresh water.
vili.	Green belt shall be developed in 33 % area and properly maintained to mitigate the effects of fugitive emissions all around the plant as per the Central Pollution Control Board guidelines.	Complied Out of the 428 acres, the revised lan area is 313 (after demarking from VP1 and the green belt is developed i 120 acres area which is more tha 33%. Photographs of the plantations ar attached in Annexure -04
ix.	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries.	A copy of the submitted half-yearly CSI report is enclosed in Annexure – 05



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Coromandel International Limited, Visakhapatnam

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B. GENERAL CONDITIONS :-

S.No.	General conditions	Compliance status	
1. 1. 11214	The project authorities must strictly adhere to the stipulations made by the A .P. Pollution Control Board (APPCB) and the State Government	Noted by Industry and shall be Complied	
ÌÌ.	No further expansion/modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests	Being Complied Prior approval will be taken from statutory body/ MOEF as and when any expansion is envisaged.	
HI.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.	Complied Industry Maintaining FORM-3 and FORM-13 for storage and transfer of hazardous waste.	
iv.	The project proponent shall also comply with all the safeguards recommended in the EIA /EMP Report.	Noted by Industry and shall be Complied	
••• •••• •• <u>•</u> ••	The project authorities will set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS levet are in place. Industry appointed NABL &MoEFCC accredited Lab to carry out the Environmental monitoring regularly	
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S.No.	General conditions	Compliance status
vi.	Adequate funds towards capital cost	Complied
`	and recurring expenditure/annum shall be earmarked and judiciously utilized to implement the conditions stipulated by the Ministry of Environment and	Funds are provided through internal fund allocation systems.
	Forests as well as the State Government and a time bound implementation schedule for all the conditions stipulated herein shall be	
	submitted. The funds so provided shall not be diverted for any other purposes.	
vii.	The Regional Office of this Ministry at	Complied
	Bangalore / Central Pollution Control Board / APPCB will monitor the stipulated conditions. A six-monthly compliance status report and the monitored data along with statistical interpretation shall be submitted to	Compliance reports are sent regularly and the same are uploaded to the company website. The company websitelink is <u>https://www.coromandel.biz/</u> A copy o the submitted Half yearly is enclosed in
vili.	monitoring agencies regularly. The Project Proponent shall inform the	Annexure – 06 Complied
viii. `	the Ministry and copies of the clearance letter are available with the APPCB / Committee and may also be	Advertised in prominent news papers dated – 27.05.2008 in local language and also English, and copies were forwarded to Regional Office, MoEF.
	seen at Website of the Ministry of Environment and Forests at http:/envfor.nic.in. This should be advertised within seven days from the	
	date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which	ajer
	which crosses in the region of which	and ch

Coromandel International Limited, Visakhapatnam

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Coromandel International Limited, Visakhapatnam

S.No.	General conditions	Compliance status
	one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	-
ix.	The Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work, if any.	Complied The Project was supported with Internal Fund Allocations. All the projects were completed by 2009-10.
Χ.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted by Industry
xi.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.	Noted by Industry
xii. *⊷**	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974,—the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Complied Industry obtained Consent for Operation from APPCB CFO Valid up to31.08.2027. A copy of the CFO herewith enclosed in Annexure – 07 Industry taken up a public liability Insurance Policy valid till 31.03.2025. A copy of the PLI herewith enclosed in Annexure – 08

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ANDHRA PRADESH POLLUTION CONTROL BOARD Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520007 Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/



RED CATEGORY CONSENT TO OPERATE & AUTHORIZATION ORDER Consent Order No ; APPCB/VSP/65/CFO/HO/1967 - Dt. 04/08/2023

CONSENT is hereby granted to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', `the Rules') to:

M/s. Coromandel International Limited, (After Expansion) Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011 Email : nagarajud@coromandel.murugappa.com ; mishraVK@coromandel.murugappa.com ; nagarjunap@coromandel.murugappa.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
1. 	Process and Washings	1,800	 Process effluents shall be recycled / reused within factory premises to achieve Zero discharge except during rainy season In case of low load plant operations and during rainy season, the quantity of effluent generated from Phosphoric acid post enhancement is 1800 KLD which shall be treated in the existing ETP plant and discharged along with once through cooling blow down through Meghadrigedda surplus course that joins Bay of Bengal
	Cooling tower blow down & Desalination Plant RO Rejects		Into Meghadrigedda surplus course that joins Bay of Bengal
3.	Domestic		The industry treat the waste water in the STP, after treatment in the STP the treated waste water shall be Recycled / reused within the factory premises.
	Total	93,930	

i) Out lets for discharge of effluents:

ii) Emissions from chimneys:

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Chimney No.	Description of Chimney	Quantity of Emissions in m3/hr. at peak flow
1.	Attached to 1700 TPD Sulphuric Acid Plant	1,15,357Nm ³ /hr
2,	Attached to 400 TPD* Sulphuric Acid Plant	33,333 Nm ³ /hr
3.	Attached to 700 TPD Phosphoric Acid Plant	1,82,000 Nm ³ /hr
4.	Attached to 40 TPH Rock Grinding unit	15,000 m ³ /hr
5.	Attached to 20 TPH Rock Grinding unit	15,000 m ³ /hr
6.	Attached to Complex A-Train	2,60,700 Nm ³ /hr
7.	Attached to Complex B-Train	2,60,700 Nm ³ /hr
8.	Attached to Complex C-Train	2,67,850 Nm ³ /hr
9.	Common stack attached to Drier (2 Nos.) & process coolers (2 Nos) of 300 TPD customized fertilizer	स्टॉइंग् ग ्रू ग
10.	Attached to 1.5 TPH Oil Fired Boiler	12,000 Nm ³ /hr
11.	Attached to 4 MW D.G. Set	
12.	Attached to 4 MW D.G. Set	
13.	Attached to 900 TPD Phosphoric Acid Plant	35,000 Nm3/Hr
14.	Attached to 75 TPH Rock Phosphate grinding Unit	30,000 Nm3/Hr
	Attached to 40 TPH Coal Fired Boiler (6.7 MW) & Back pressure Turbine 5 MW	67,200 Nm3/Hr
	Attached to 910 KVA D.G. Set	
	Attached to 2000 TPD SulphuricAcidPlant-3	1,61,000 Nm3/Hr
	Attached to 500 KVA D.G. Set	
19.	Attached to 750 KVA D.G. Set	

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)]:

M/s. Coromandel International Limited, Sriharipuram, Malkapuram, Visakhapatnam District, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

S.No	Name of the waste	Stream	Quantity	Disposal Option
1,	Acid residues (Tank bottom sludge)	34.2 of Schedule-I		Recycle back into phosphoric acid reactor
2.	Sulphur muck (Sulphur sludge)	Class B (Sl.No.37) of Schedule-II	1500 TPA	Recycle back into the process as a filler material in the granulation plant
3.	Spent catalyst	18.1 of Schedule-I	115 TPA	Shall be routed through APEMC, to Authorised Reprocessors / Recyclers / TSDF, Parawada / Pre – processors
<u>4</u> .	Used lubricating oil/drained oil	5.1 of Schedule - I	60 KLPA	Shall be routed through APEMC to Authorised Reprocessors / Recyclers

• HAZARDOUS WASTE WITH DISPOSAL OPTION

		Detoxified Containers and container liners	33.1 of Schedule-I	15000 Nos/Anum	Shall be routed through APEMC to TSDF for detoxification and disposal / outside agencies / return to dealers, after detoxification
	6.	LSHS Sludge	34.2.of Schedule-I	15TPA	Shall be routed through APEMC to cement industries for co-processing / TSDF, Parawada / Pre – processors
.U	7	Scrubbing sludge	37.1 of Schedule-I	450 TPA	Reuse back in the process
	8.	ETP • sludge	35.3 of Schedule –I	1200 TPA	Recycle back into process
	9.	Off specified , expired chemicals & lab chemicals etc.	28.4 of Schedule –I	50 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for incineration /Landfill /Authorised Cement Industries for Co- Processing
	10.	Glass wool	33.2 of Schedule –I	8 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for Landfill
	11.	Insulation puf	33.2 of Schedule –I	8 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for Incineration

• OTHER THAN HAZARDOUS WASTE WITH DISPOSAL OPTION

S.No	Name of the waste	Quantity	Disposal Option
1.	e-waste	25 TPA	Authorised e-waste recyclers / dismantlers
2.	Fly ash	25 TPD	To cement industries / brick manufacturing units

The Consent Order No. APPCB/VSP/65/CFO/HO/1967 dated 30.09.2022 and amendment of CTO dt. 01.02.2023 valid upto 31.08.2027 stands cancelled from date of issue of this order. This consent order is valid to manufacture the following products along with quantities indicated only:

S.No.	Products	Quantity
1	Complex Fertilisers	
	Customized Fertilizer plant (Customized Fertilizersor Organic Fertilizersor Bio Stimulantsor Soil conditioners or Mixture of fertilizers) (or)	
3	Water soluble fertilizer plant	
	100% Water soluble complex fertilizers/ 100% water soluble mixture of fertilizer (or)	
	Micronutrient mixtures (powder/ liquid/ granular) (or)	
	Chelated Micronutrients (powder/ liquid/ granular) (or)	

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	Urea Phosphate (or)	
	Micronized / Nano Sulphur	
4	H ₂ SO ₄	4100 TPD (SAP1 – 1700 TPD & SAP2-400 TPD, SAP3- 2000 TPD)
5	Bentonite Sulfur /Bentonite Sulphur with micronutrients	200 TPD
6	Phosphoric Acid	1600 TPD
7	Fertilizer Technology Centre (Granulation) – Straight or Complex or Fortified or Organic or Bio stimulants or Soil conditioner or Mixture of fertilizers	
8`	Fertilizer technology centre - Phosphoric acid	0.83 TPD
9	Sulpho Zinc & Sulpho Boron	50 TPD
10	Liquid Fertilizer plant – Liquid Suspension or Liquid solution of primary nutrients (N,P,K)/Micronutrients/Secondary nutrients / Organics/Bio Stimulants/Nano fertilizers	
11	Desalination Plant	6 MLD
		2017
By-P	roducts:	
-	roducts: Gypsum -	8000 TPD
12		8000 TPD 40TPD
12 13	Gypsum -	
12 13 Bulk	Gypsum	
12 13 Bulk 14	Gypsum Hydroflorosilicic Acid storage facilities at site	40TPD 12500 MT
12 13 Bulk 14	Gypsum Hydroflorosilicic Acid storage facilities at site Ammonia (1x5000 MT + 1x7500 MT) Sulphuric acid (1X4000 MT + 3X 2500MT) + 4	40TPD 12500 MT 56500 MT 32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X
12 13 Bulk 14	Gypsum Hydroflorosilicic Acid storage facilities at site Ammonia (1x5000 MT + 1x7500 MT) Sulphuric acid (1X4000 MT + 3X 2500MT) + 4 x5000MT + 2 X 12500 MT	40TPD 12500 MT 56500 MT 32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3
12 13 Bulk 14 15 16	Gypsum Hydroflorosilicic Acid storage facilities at site Ammonia (1x5000 MT + 1x7500 MT) Sulphuric acid (1X4000 MT + 3X 2500MT) + 4 x5000MT + 2 X 12500 MT Phosphoric acid (P ₂ O ₅)	40TPD 12500 MT 56500 MT 32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3 12000 m3) 18000 MT (2 X 7500 MT these two storage tanks located at wharf area + 2 X

20	Kerosene	1 X 50 KL
21	LPG	870 Kg

* The industry shall produce either individual fertilizers or combination of the fertilizers at any point of time without increase in the total permitted capacity of fertilsers 4210 TPD.

** Molten sulphur capacity 2 X 7500 MT as per CFE dt.18.11.2021.

Note: The industry has dismantled Petrol tank and same was deleted.

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent to operate & Hazardous Waste Authorisation shall be valid for a period ending with the 31st day of August, 2027.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

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M/s. Coromandel International Limited, Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011

Copy to:

1. The JCEE, Zonal Office, Visakhapatnam for information and necessary action.

2. The EE, Regional Office, Visakhapatnam for information.

SCHEDULE - A

- 1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
- 2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters-mentioned in this order on quarterly basis and submit to the Board.
- 3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
 - 4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

- 5. The applicant shall submit Environment statement in Form V before 30th September
- very year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

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6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.

7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

- 8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act,
- > 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
- 9. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
- **10.**The industry may explore the possibility of tapping the solar energy for their energy requirements.
- **11.**The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE - B

The issue CTO &HWA (Expansion) to the industry was placed in the Consent Management Committee meeting held on 25.07.2023. <u>The industry shall comply with the following conditions:</u>

- **1.** The industry shall provide permanent pipe line arrangement for lifting leachate generated from ETP sludge storage shed to the ETP for treatment.
- 2. The industry shall maintain good housekeeping within the factory premises.
- **3**. The industry shall upgrade STP to treat the domestic wastewater of 530 KLD, until then the industry shall restrict the wastewater generation to 300 KLD, as the industry is having STP of capacity 300 KLD only to treat the wastewater.
- 4. The industry shall furnish emission loads of SO2 & acid mist for all Sulphuric acid

plants.

5. The industry shall develop balance greenbelt with native species of the total area within 3 months to achieve 33% of greenbelt.

WATER POLLUTION:

6. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards
1&2	PH	6.5 - 8.5
	Ammonical Nitrogen	50 mg/l
	Free Ammonical Nitrogen	4.0 mg/l
	Total Kjeldahl Nitrogen	75 mg/l
	Nitrate Nitrogen	20 mg/l
	Cyanide as CN	0.1 mg/l
	Vanadium as V	0.2 mg/l
	Arsenic as As	0.2 mg/l
	Phosphate as P	5 mg/1
	Suspended solids	100 mg/l
	Oil and Grease	10 mg/l
	Fluoride as F	10 mg/l
	Hexavalent Chromium as Cr	0.1 mg/l
	Total Chromium as Cr	2.0 mg/l
	BOD	30 mg/l
	COD	250 mg/l
	Temp :- Not more than $5 {}^{0}\overline{\text{C}}$ higher than intake water.	
3	pH	6.50 - 8.50
ite nasti	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand	30 mg/l
	Fotal Suspended Solids	<100 mg/l
	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100ml	<1000 MPN/100 ml

Note: (i) Chromium salt shall not be used in cooling tower as algaecide. (ii) The effluent shall be analysed for Vanadium and Arsenic once in a year and analysis report shall be submitted to the concerned State Pollution Control Board / Pollution Control Committee.

7. The source of water is GVMC, Sea drawl & Desalination Plant. The following is the permitted water consumption:

·	permitted white consumptions	
S.NO.	Purpose	Quantity (KLD)
1	Process & Washes	
	combination of both)	Total – 16600 (Existing 10,350 + SAP3-1800 + PAP- 2400 KLD) + Expansion= 2050 (SAP -
3	Boiler feed	650+ PAP-1400)

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4	Domestic & Other	
	Subtotal	16600
5	Sea water (Industrial cooling & Desalination Plant of 6 MLD capacity)	84600+16000 = 100600
	Grand Total (kl)	1,17,200

8. The effluent discharged shall comply with the tolerance limits mentioned as per MoEF notification dated 29.12.2017 prescribed for Fertilizer industry.

9. The industry shall maintain the following:

- a. Electro Magnetic flow meters with totalisers for water used and effluent generation for different purposes as mentioned in this CTO order.
 - b. Proper records for effluent generation, treated, reused and discharged into meghadrigedda.
 - c. Water flow meter at Leachate Collection pit provided for Gypsum storage yard to quantify the effluents recycled and shall maintain registers.

10. The effluents shall be stored in above ground level collection tanks separately.

- 11.Effluents shall not be discharged onland or any water bodies or aquifers or sutside under any circumstances. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas. The industry shall maintain separate storm water drains and provide rain water harvesting structure.
- 12.Container, Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
- 13. The industry shall comply with the standard for fluoride (1.5 mg/l) in piezo well water samples and shall not exceed the standard 1'
- 14.The industry shall submit details of maintaining temperature difference (DT) of 5°Cbefore disposal to Sea via Megadri gedda every month.
- 15.The industry shall provide online effluent monitoring system for pH, BOD, COD, TSS, Phosphates, Fluorides, temperature with online connectivity to CPCB / APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015.
- 16.The industry shall ensure that no Fluoride contamination in two piezo wells and monitor piezo wells on monthly basis. The industry shall submit trends every 3 months to RO, Visakhapatnam.

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AIR POLLUTION:

17. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emision Standards			
	Acid mist	20 mg/Nm ³			

	-	
1	SO ₂ SO ₃	1 Kg/MT of product 0.35 Kg/MT of product
2	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 0.65 Kg/MT of product 0.35 Kg/MT of product
3 & 13	Total Fluoride PM	20 mg/Nm ³ 50 mg/Nm ³
4,5 & 14	PM	50 mg/Nm ³
6-8	Particulate Matter Fluorine Ammonia	45 mg/Nm ³ 4 mg/Nm ³ 165 mg/Nm ³
9	Particulate Matter	50.00 mg/Nm ³
11, 12	Particulate Matter	115.00 mg/Nm ³
15	PM	50.00 mg/Nm ³
17	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 1 Kg/MT of product 0.35 Kg/MT of product

18.The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

19.The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 microns) - 100 micro gram/ m3; PM2.5 (Particulate Matter size less than 2.5 microns) - 60 micro gram/ m3; SO2 - 80 micro gram/ m3; NOx - 80 micro gram/m3, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 shall be complied. Following standards prescribed for noise shall be complied.

Noise Levels: Day time --- (6 AM to 10 PM) - 75 dB (A)

Night time - (10 PM to 6 AM) - 70 dB (A).

20. The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

21. The industry shall properly maintain 400 MTPD evaporation system for Phosphoric

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Acid including Fluorine recovery system as stipulated in the EC order dt.14.07.2017. The industry shall recover fluorine from phosphoric acid process to maximum extent possible.

22.The industry shall operate bulk handling mechanism like telescopic chute system at all raw material storage ware houses and ensure that there shall not be fugitive emissions from the raw material handling warehouses. The industry shall cover all directions of the feeding area of rock phosphate and rectify the fugitive leakages, if any.

23.The industry shall maintain online stack analyzers for all the stacks of complex fertilizer plant for monitoring ammonia, PM and fluorine and one analyser for monitoring fluorine in Phosphoric Acid Plant with online connectivity to CPCB/APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015. The industry shall maintain the online analyzer facility for monitoring of Fluoride in the Phosphoric Acid plant immediately. The data shall be connected to the CPCB / APPCB servers.

24.The industry shall maintain 3 online CAAQM Stations within the plant as per the specifications of CPCB for online monitoring of SPM, RSPM, SO2, NOx & Ammonia with networking facility to Head Office, APPCB.

25. The industry shall maintain automatic caustic lye solution dosage for the scrubbers

provided in the Sulphuric acid plant so as to maintain pH below 8 in acidic scrubbers provided in the plant. The industry shall maintain online pH measuring facility with auto recording system to the alkali scrubbers provided to treat the sulfuric acid plant emissions.

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- 26.The industry shall not manufacture new products and not exceed the consented capacity without CTE/CTO of the Board.
- 27.The industry shall evaporate (concentrate) Phosphoric acid to reduce Fluorine 55 as to reduce fluorine input to complex fertilizer plant;
- **28.**Housekeeping shall be improved through closed transportation systems. Road sweeping machine shall be deployed for control of dust near Gypsum yard.
- 29.The industry shall maintain Hazardous waste storage area with concrete platform and leachate collection pit for storage of ETP sludge.
- 30.The industry shall comply with the guidelines issued by the CPCB regarding storage & handling of gypsum.
- 31.The industry shall not start-up the Sulfuric acid plants during night time i.e. between 6.00 PM to 8: 00 AM.
- 32.The industry shall operate bag filters at hopper i.e. rock phosphate unloading point at wharf to arrest the fugitive emissions.

- 33. The industry shall maintain the internal roads within the factory premises.
- 34. The industry shall update the Disaster Management Plan regularly.

- 35.The industry shall monitor work place online ammonia levels with online sensors in complex fertiliser plant and maintain records.
- 36. The industry shall store fresh gypsum on HDPE lining at the wagon loading area.
- **37.**The industry shall submit concentration levels of Ammonia monitored by industry through sensors every month.
- **38.**The industry shall ensure_that-there are no leaks in any unit operations and unit processes.
- **39.**The industry shall take proper measures to ensure the trucks with proper leak proof bodies are used for transportation of gypsum from the industry.
 - 40.The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details.
 - b. Quantity of Effluents generated, treated, recycled.
 - c. Log Books for pollution control systems.
 - d. Characteristics of effluents and emissions.
 - e. Hazardous/non hazardous solid waste generated and disposed.
 - f. Inspection book.
 - g. Manifest copies of effluents / hazardous waste,
 - 41.The industry shall comply with the conditions stipulated in the CTE order No.65/APPCB/CFE/RO-VSP/HO/2012, dated 08.02.2020, 24.08.2022, 27.07.2022 & 22.11.2022
 - 42.The industry shall update the information in OCEMS Industry Information Data Entry Software for Compliance Reporting Protocol in PART-II (Sections F & G) Every Quarter on 1st January, 1st April, 1st July and 1st October through this software -->cystem.
 - 43. The industry shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
 - 44.The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.
- 45.The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the

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audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

- 46.Any other directions / circulars /-notices / guidelines issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
- 47. The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Special conditions:

- 48.The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.
- 49.The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
- 50. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health. &-environment, and the details shall be furnished to the Factories Department and the Regional Office, APPCB time to time duly certifying the same by the industry. Further, the industry shall extend training to the working personnel while handling hazardous chemicals for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
- **51.**The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That
- certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
- 52.The industry shall inventory the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016) and shall furnish the details to Regional Office, APPCB on a monthly basis duly certifying the same by the industry.
- 53.The industry shall conduct Risk studies to be undertaken clearly describing impact within the industry premises and outside the industry premises and emergency response system.
- 54.The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage,

Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.

<u>SCHEDULE - C</u>

[see rule 6(2)] [CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

- 1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
- **3.** The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible "assenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
- 7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
- 8. The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
- 9. The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.
- 10.The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- 1,1. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
 - 12. The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.

13. The industry shall maintain 7 copy manifest system for transportation of waste

generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

14.The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

15. The industry shall route the all the hazardous wastes through M/s. APEMC.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

То

M/s. Coromandel International Limited,

Post Box No. 1116,

- Sriharipuram, Malkapuram(PO)
- Visakhapatnam -530 011

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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 Olt, Andhra Pradesh, India Tel : 91-891-2693+Extn No DID : 91-891-2693+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852KIZC

25-04-2025

EHS/APPCB/2025 - 052

То

The Environmental Engineer, Behind RTA Office, Regional Office 3rd Floor, A.P Pollution control Board, M-shavadhara VUDA colony, Visakhapatnam- 530018,

Dear Sir,

Sub: Submission of Public Liability Act copy (Policy No. 96000036243300000030)

- Ret: i) CFO Order No: APPCB/VSP/65/CFO/HO/1967 04/08/2023 ii) CFO Order No: 7055/APPCB/ZO-VSP/CFONSP/2021-01/11/2021
 - CFO Order No: APPCB/VSPNSP/65/HO/CFO/2020 23/12/2020
 - ¹¹ CFO ONJET NO: AFFCD/45FN5P/05/HO/CFO/2020 25/12/202

With reference to above as per the general condition point No 43 specified in CFO Order No: ***APPCBNSP/65/CFO/HO/1967 - 04/08/2023 and Schedule - An in condition no: 03 in CFO Order No: 7055/APPCB/ZO-VSP/CFU/VSP/2021-01/11/2021 & CFO Order No: APPCB/VSP/VSP/65/HO/CFO/2020 - 23/12/2020, we are herewith submitting the Public Liability Act Policy copy for the period of

Policy Period:

From:	13/03/2025
To Midnight of:	12/03/2026

This is for your kind information & Records

Thanking you,

Yours mithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

Encl. As above

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India



Tei : 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : mail@coromandel.murugappa.com murugappa

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Annexure -8

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N	हिन्दीहमारीराष्ट्रमाषाहै,सारेदेव	गकीव्यसाहै।	
देन्यूइंडियाएश्योरन्तुकंपनीसिमिटेड		The New India Assurance Co Ltd	
वृहत्कॉर्पोरेटएडमदोकर्मकार्यांलय –९६००० /thमंजिल,मुर्याटादर्म,एमडीरोड,मिकनदरावाद	Chief and Co	Large Corporate and Brokers Office - 960000	•
(१९माजन,मूयाटावम,११महाराइ,१मकनदरावाद) (००००), तेलंगानः		7 ^m Floor , C Block, Surya Towers, SP Road,	
দেশাব – ০৩০-০৫৫ গৃ০২০০,০৫৫ গৃ০২০২ বিশাব – ০৩০-০৫৫ গৃ০২০০,০৫৫ গৃ০২০২		Secunderabad - 500 003, Telangana	
जिन्म — of a- Etat (/ d)		Telephone 040 27810300, 27810302	
	Leadership and Beyond	Fax - 040 66264443	
	India's Premier General Insura	ince Company	
		esp.	
Schedule attached to and form	ing part of policy no. 960000	036243300000030	
List of 19 Locations attached ar	d forming part of Public Liabi	ility/Act only) Bolicy no:	
96000036243300000030, Palic			
	,		
With reference to the captione	d subject following are the lis	t of Locations	
1. M/S Coromandel Interi	ational Ltd-VISAKHAPATNAN	1	
2. M/S Coromandet Intern	ational Ltd-KAKINADA		
3. M/S Coromandel Interr	national Ltd-ENNORE		
4. M/S Coromandel Interr	ational Ltd-RANIPET		
5. M/S Coromandel Interr	ational Ltd-THANE		
6, M/S Coromandel Interr			
	ational Ltd-UNIT 1, JAMMU		•
	ational Ltd-UNIT2, BARIBRAH	IMANA. JAMMU	
9. M/S Coromandel Interr			
	ational Ltd, GIDC, NANDESAR	ti	
11. M/S Coromandel Intern		-	
12. M/S Coromandel Intern	-		
	ational Ltd, MADRI-UDAIPUR		
14. M/S Coromandel Intern			
15. M/S Coromandel Intern			
	ational Ltd, ANKHALESHWAR	acts.	
17. M/S Coromandel Intern			
18. M/S Coromandel Intern			
	ational Ltd Super Phosphate	factory ENNORE	
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Authorised Signatory

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THE NEW INDIA ASSURANCE CO. LTD. (Government of India Undertaking)





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POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name		: M/S.COROMANDEL INTERNATIONAL LIMITED								
	1	nsured's Details		auing Office Details						
Customer ID	:	P059235971	Office Code	: HYCCRABAD LCBO 950000 (960000)						
Address	:	COROMANDEL HOUSE, D NO 1-2- 10, SARDAR PATEL ROAD, SECUNDERABAD SECUNDERABAD, TELANGANA, 500003	Address	:	LARGE CORPORATE AND BROKERS OFFICE, 7C,7TH FLOOR, SURYA TOWERS, S.P. ROAD, SECUNDERABAD ,500003					
Phone No	;	1	Phone No	:	4027810302					
E-mail/Fax	:	MittalA@coromandel.murugappa.com, /	E-mail/Fax	:	nia.960000@newindia.co.ln /					
ZIN Mas	:	AAACC7852K	S.Tax Regn. No	:	AAACN4165CST178					
GSTINITAN	:	36AAACC7852K2ZD / NA	GSTIN	:	36AAACN4165C3ZO					
	:		SAC	:	997139 (Other non-life insurance services excl RI)					

				Policy	Details				
Policy Number	:	96000036	243300000030		Business Soc	nce Code			
Period of Insurance		: From: 13/03/2025 12:00:01 AM To: 12/03/2025 11:59:59 PM		To:	Dev.Off, love/Broker/Corp. Agent/Web Aggregator/CPSC User		ľ	- Marsh India Insurance Brokers Pvt L - (2010672900) Marsh_India_121400 - (2010685525).	
Data of Proposal			ŀ						
Prev. Policy no.	:				Phone No		1:	7045922442	8657561533 / NA
Client Type : Corporate		E-mail/Fax		:	Kamal Pherwani@marsh.com, Pravin.chandvekar@marsh.com / /				
Premium(r)		ERF GST(T) To		Tot	tal (T) Tota		Total (Cin words)		Receipt No, & Date
				050000000000000000000000000000000000000					

930000 930000 167,400 20,27,400 RUPEES TWENTY LAC 9600008124000000813 TWENTY-SEVEN 9-27/03/25 THOUSAND FOUR HUNDRED ONLY	 Premium(T)	-			
	930000	157,400	20,27,400	TWENTY-SEVEN THOUSAND FOUR	

								Deductible S	
Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	ADA:ADY	- AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	No of workmen	No of Other Employee
13/03/202	>15 Crore 	19	30000000 0	1:2	6000000 0	22350000 0000	25000000 0000	14000	5000

Retroactive Dates

									Deductibl	
Retroactiv e Date Details	Date	Paid Up Capita)	No Of Locations Involved	ACA	AOA:AOY	ACY	Annual Turnover - Previous Year	Annual Tumover - Proposed Year	No of workmen	No of Other Employee
RETROA CTIVE DATE 1	01/04/20 12		19	5000000 0	1.3	1500000 00	1500000 00000	2235000 00000	14000	5000
RETROA CTIVE DATE 2	13/03/20 25		19	3000000 00	1.2	6000000 00	2235000 00000	2500000 00000	14000	5000

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.



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Policy No. : 98000036243300000030 Document generated by 38308 at 27/03/2025 16:53:37 Hours. Regd. & Head Office: New India Assurance Bidg., 87 M.G. Roed, Fort, Mumbel - 400 001. TDLL FREE No. 1 800 209 1415.

Page 1 of 3

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THE NEW INDIA ASSURANCE CO. LTD. (Government of India Undertaking)

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Extensions under the Policy Name of the Extension Sub Limit of the Extension Deductibles of the Extension Special Conditions Deductible:5% of claim amount eel, sub to a min of ₹10,000 No higher limits to be purchased without prior consent of NIA Any liability arising out of Pandemics/Epidemics as declared by WHO and/or by Govt of India - Excluded Communicable Disease exclusion Prior & Pending Litigation exclusion If there exists any other policy covering the same interest/risk, this policy will operate as an excess policy LMA 5399, LMA 5457, LMA 5458, LMA 5453, 5595A applicable Special Exclusions INA 10000 Special Excess/Deductible **Retroactive Dates** Date Retroactive date 13/03/2025

Coinsurance Details :

SI.No.	Coinsurance Type	Company	Office Code	% Share	Premium Share
1	Outgoing	BAJAJ ALLIANZ GENERAL INSURANCE CO. LTD.	001501_001501	25	465000
2	Outgoing	SBI GENERAL INSURANCE COMPANY LIMITED	000010_000010	25	465000
3	Outgoing	NEW INDIA ASSURANCE CO. LTD.	HYDERABAD LCBO 960000	25	465000
4	Outgoing	HDFC ERGO GENERAL INSURANCE CO. LTD.	001003_001000	25	465000

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith,

Clauses	Description		
Premium and GST Details			
	Rate of Tax	Amount in INR	
nemium		₹ 18,60,000	
GST	9	83700	
IG \$7	-9	83700	
GST	C	0	

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 27th day of March 2025.

For and on behalf of The New India Assurance Company Limited

Date of Issue: 27/03/2025

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Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1.

Mudrank______Dt._____Consolidated Stamp Fees Paid by Pay Order Number_______vide receip:

Policy No. : 96000038243300000030 Document generated by 38308 at 27/03/2025 18:53:37 Hours. Regd. & Head Office: New India Assurance Bidg., 87 M.G. Road, Fort, Mumbai - 400 001. TOLL, FREE No. 1 800 209 1415.

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THE NEW INDIA ASSURANCE CO. LTD. (Gcr.ammant of India Undertaking)



number____dt.____.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 96000024P0011864

IRDA Registration Number: 190 NIA PAN NUMBER: AAACN4165C

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Policy No. : 96000036243300000030 Document generated by 35305 at 27/03/2025 16:53:37 Hours. Regd. & Head Office: New India Assurance Bidg., 87 M.G. Road, Fort, Mumbel - 400 001. TOLL FREE No. 1 800 209 1415.

Page 3 of 3

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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID: 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN: 37AAACC7852K1ZC

EHS/MoEF/2025 - 065

To The Director, Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-600034.

Dear Sir,

Sub: Half Yearly EC (Environment Clearance) Compliance Report- regd.

Ref: F. No. J-11011/314/2007-IA II(I) dated 31.08.2007.

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD.

Period of submission : Oct'24 to Mar'25 : Coromandel International Limited, Visakhapatnam Unit

Thanking You,

Yours Sincerely,

For Coromandel International Limited

M. Gnanasundaram VP – Head Manufacturing

/DNA : a/a

Encl

CC: The Member Secretary, Head Office-APPCB, Vijayawada Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



31/05/2025

EHS2-Vizag-Coromandel

From:	Nagarjuna-P-Mgr-EHS-Vizag-Coromandel
Sent:	02 June 2025 16:40
То:	eccompliance-ap@gov.in; APPCB RO, VSP; zovspappcb
Cc:	EHS2-Vizag-Coromandel; Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel;
	Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
	AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:	Half Yearly EC (Environment Clearance) Compliance Report- regd.
Attachments:	MoEF Complex EC- Complex (Oct -2024 to March -2025).pdf

Dear Sir,

Ref: F. No. J-11011/314/2007-IA II(I) dated 31 08.2007

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD.

Period of submission : October -2024 to March-2025. Unit : Coromandel International Limited, Visakhapatnam

5 (B)-

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F: +91 891-2578400 W: www.coromandel.biz AMURUGAPPA GROUP COMPANY

Coromandel International Limited, Visakhapatnam

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MoEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by MoEF for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD

Reference:Ref: J11011/314/2007-IA II (I) dt. 31st August, 2007Period:For the period from Oct-2024 to March-2025

A.) SPECIFIC CONDITIONS:

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S.	CONDITION	COMPLIANCE STATUS
NO	CONDITION	
i)	The expansion of the project shall be based on procesc improvement, technology innovation, improving on stream-hours maximization of equipment capacity and continuous supply of raw materials. No Sulphuric acid and phosphoric acid plant shall be installed for additional requirement of Sulphuric and phosphoric acid. Due to enhancement of production pollution load shall not increase from the existing load.	 The Complex plant during its upgradation was done with below mentioned improvements and technology innovations. Usage of higher capacity pipe-reactor with improved technology. Upgrading drives for Dryer, bucket elevators, installation of new piping, pre-heaters and higher efficiency scrubber nozzles. Also enhanced infrastructure to handle the additional quantity of raw materials, bulk and finished products. We have done the plant expansion after obtaining the necessary Environmental clearance from the MoEFCC and APPCB. Reference EC: - F No. J-11011/388/2006-IA II (I) dated 18.05.2007 and F. No. J-11011/548/2008-IA-II(I) dated June 10, 2009.
ii) NTC	The project authorities shall install efficient scrubbing system to control fluorine emission and bag filters for dust control in phosphoric acid plant.	Installed fume scrubber at phosphoric acid plant to reduce the fluorine emissions and Bag filters at Rock-grinding Section to meet the norms specified by the statutory authorities.
iii)	Multi stage scrubbing system shall be installed to control ammonia, fluorine and	Multi-stage (Four-stage) scrubbing system was incorporated for 'A' &

S.	CONDI	LION	COMPLIANCE STATUS		
NO	×				
	suspended particulate plant.	matter in fertilizer	C-Train, in the year 2000. Presently, the emissions of ammonia and fluorine from all the stacks are within the limits specified by the statutory authorities. Monitoring the fluoride emissions and meeting the standard of 4 mg/Nm3 from the stack of phosphoric acid plant and reports are being submitted to APPCB. The gaseous emissions are being monitored on a continuous basis with in house laboratory. Further, MoEF approved third party analysis is also being carried out on monthly basis and the reports are submitted regularly. Complex A, Complex-B & Complex C train were installed with online stack analyzer and the data is uploading to APPCB & CPCB		
			 websites through cloud server. SAP-I & SAP-II installed with online stack analyzer and connected to CPCB & APPCB websites. Phosphoric acid and rock grinding units were installed with PM Online stack analyzers. The HF analyzer is also installed at Phosphoric acid plant. 		
			All the analysis are connected to APPCB & CPCB websites.		
iv)	The project authority sh collection system in fert		We implemented Pipe reactor technology for improving the granulation and reduce the dust level.		
			We have additionally implemented		

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Coromandel International Limited, Visakhapatnam

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S. NO	CONDITION	COMPLIANCE STATUS
		product dust prevention system by bringing modifications & improvements in the manufacturing process
		Additional product dust screens are arranged to remove the dust even before it reaches bagging plant.
<u>,</u>	- 1004	Product granulation aids (chemicals) are added to increase the granule strength as a result the product dust formation drastically reduced.
		We added de-dusting and scrubbing system for recovery of dust in the granulation plant.
		With the above actions, we avoided dust formation and avoided installation of bag filters in the bagging section as the product is hygroscopic in nature.
V)	The Sulphuric Acid Plant shall be based on double conversion double absorption technology and anodically protected acid coolers shall be provided. Start-up scrubbers shall be installed in both Sulphuric acid plants to minimize SO ₂ emission during start-up.	The Sulphuric Acid Plant are based on double conversion double absorption technology and we have Installed alkali scrubbers in the
vi)»	The project authority shall install high efficiency scrubber nozzles, additional tail gas scrubber, improve the scrubber efficiency by optimizing the L/G ratio, install additional cyclones in scrubbing system, and install mist eliminators in scrubbers.	Installed higher-efficiency scrubber nozzles. Improved L/G ratio through installing higher capacity scrubber circulation pumps and standby cyclones kept in place to prevent the dust emissions.
vii)	Permission of the competent authority shall be obtained for drawl of additional quantity of 250m ³ /d existing Tatipudi and Meghadrigedda reservoirs.	No additional water is required from Municipal Corporation and existing quantities (De-desalination plant and GVMC) are adequate to meet additional requirements.

Coromandel International Limited, Visakhapatnam

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S.	CONDITION	COMPLIANCE STATUS
viii)	The gaseous emissions (SO ₂ , SO ₃ , NOx, NH ₃ , F, fertilizer dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Emission data shall be periodically monitored and reports submitted to Ministry's Regional Office, CPCB and SPCB.	Complied All the applicable gaseous parameters including that of Fluorides are monitored vide online OCEMS and are connected to the APPCB & CPCB and are maintained within the limits. Necessary interlocking are in place to limit the emission within the limits.
		Regular 3 rd party monitoring reports are submitted to the concerned autrhoroties. A copy of the acknowledgment herewith is enclosed as Annexure – 01
ix)	All the wastewaters generated from the various processes shall be recycled / reuse in the plant and zero discharge shall be maintained. The domestic wastewater shall be treated in septic tanks and treated waste shall be used for irrigation in the greenbelt.	Effluents from Sulfuric acid & Phosphoric acid are being treated in effluent treatment plant and recycled back in process. Zero effluent discharge from complex fertilizer plant. Sewage treatment plant has been provided for domestic wastewater treatment and the treated water is used for plantation.
x)	The proponent shall not withdraw groundwater for the plant and if it requires, the permission from the competent authority CGWA / SGWB shall be obtained.	Not applicable. No Ground water withdrawal.
xi)	The company shall develop the greenbelt in atleast 25% land area to mitigate the effect of fugitive emissions and noise as per the guidelines CPCB.	Out of the 428 acres, the revised land area is 313 (after demarking from VPT) and the green belt is developed in 120 acres area which is more than 33%. Hence Complied. Photographs of the plantations are attached in Annexure-02
xii)	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 03

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B) GENERAL CONDITIONS:

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	CONDITION	COMPLIANCE STATUS
i) *	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.	Agreed.
ii)	No further expansion or modifications in	No further expansion would be
	the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of	taken up without prior environment clearance.
	conditions imposed and to add additional environmental protection measures required, if any.	
iii)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	In case of any upset in the process resulting in increase of emissions, the plant is stopped immediately for taking necessary actions.
iv)	The locations of ambient air quality monitoring stations shall be reviewed in <u>consultation</u> with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Complied We have installed 03 numbers of online ambient air monitoring stations and we have also monitored the ambient air through a third party at 05 Locations. The reports are submitted regularly.
V)	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.	Installed stacks to the scrubbers as per the CPCB guidelines. Scrubbing liquid generated in the complex plant is reused in the process. ETP provided to treat the effluent. In Phosphoric acid plant, the fluorine recovery is done converting it to Hydro-flouro silicic acid.
vi)	All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N_2 blanketing and secondary condensers with brine chilling system shall be provided for all the storage tanks to minimize vapor losses. All liquid raw material shall be stored in storage Tanks	Installed atmospheric ammonia storage tanks to store ammonia. Ammonia sensors are located at various locations within the factory premises.

Coromandel International Limited, Visakhapatnam

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 and Drums. The company shall undertake following Waste Minimization measures. Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes Use of automated filling to minimize spillage. Use of "Close Feed" system into batch reactors. 	Constructed acid recovery pits to
 Waste Minimization measures. Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes Use of automated filling to minimize spillage. Use of "Close Feed" system into batch 	 cake into granulation plant Constructed acid recovery pits to reuse in the process Identified dedusting points and connected to cyclones Water meters and energy meters provided to water lines and pollution control equipment. Installed pipe conveyors to transfer
 Venting equipment through vapor recovery system. Use of high-pressure hoses for equipment cleaning to reduce wastewater generation. 	These conditions are not applicable to our industry.
Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	Complied copy of the third-party fugitive -emission monitoring reports herewith is enclosed as Annexure - 04
The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	
in B T WNH a 2 a fr S tr	nposed by the State Pollution Control loards/Central Pollution Control Board. he project authorities shall strictly comply with the rules and guidelines under lanufacture, Storage and Import of lazardous Chemicals Rules, 1989 as mended in October, 1994 and January, 000 and Hazardous Waste (Management nd Handling) Rules, 1989, as amended om time to time. Authorization from the PCB shall be obtained for collection, eatment, storage, and disposal of

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[CONDITION	COMPLIANCE STATUS
x)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed	Complied Noise monitoring is being carried out and the noise levels are within the prescribed norms. A copy of third-party noise monitoring reports is herewith is enclosed as Annexure – 06
xi)	under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). The company shall develop rainwater- harvesting structures to harvest the run off water for recharge of ground water.	Rain water harvesting is not feasible as the plant is very close to the sea and water table is very high in the area. However, we have provided
· F.		collection pit for the collection of the storm water and recycling it in the process to conserve the fresh water.
xii)	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	Complied Dedicated OHC is available within the factory premises with full time doctor availability. Regularly conducting Annual medical check-up for employees and contract workmen according to Factories act
×iii)	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 03
xiv)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA / EMP report.	Agreed.
xv)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant

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	CONDITION	COMPLIANCE STATUS
		level headed by Plant EHS level are in place. We have engaged NABL & MoEFCC accredited Lab to carry out the Environmental monitoring regularly
xvi)	The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied - 3 .
xvii)		-Complied Compliance reports are sent regularly and the same are uploaded to the company website. The company website link is <u>https://www.coromandel.biz/</u> A copy of the submitted Half yearly is enclosed in Annexure – 07
xviii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Advertised in prominent newspapers in local language and also English, and copies were forwarded to Regional Office, MoEF, Bangalore and SPCB.
xix)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	All the projects were completed by 2009-10 with internal accruals.

Coromandel International Limited, Visakhapatnam

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Annexure -1

TEAM Labs and Consultants

ORIGINAL

Form-No. TCL/L/GF/RF-138

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Registered Office :

B-115, 116, 117 & 509, Annapooma Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

	Test Report No	TLC/V/Env/Cl			dt.01.11.2024
	Description of Test		n Monitoring Inside the		
	Name of the client		ternational Limited, Vis		
	ocation of sampling		to respective plants as p		
	CE/STACK EMISSION				,
S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Cone. mg/NM ³	APPCB Standard Limit
I.	Complex A	287637	Particulate matter	16	45 mg/NM ³
*	2 <u>4</u> 2+	1	Ammonia	58	165.0 mg/NM ³
			Fluoride	1.0	4.0 mg/NM ³
2	Complex B	267874	Particulate matter	17	45 mg/NM ³
	••••		Ammonia	60	165.0 mg/NM3
		ļ	Fluoride	1.2	4.0 mg/NM ¹
3	Complex C	207978	Particulate matter	14	45 mg/NM ³
-			Ammonia	44	165.0 mg/NM ³
		5	Fluoride	1.3	4.0 mg/NM ³
4			Sulphur dioxide	0.329Kg/MT (235mg/NM ³)	1 Kg/MT
	Sulphuric acid plant- 1	99329	Sulphur trioxide	0.02Kg/MT (15mg/NM ³)	0.35 Kg/MT
<u> </u>			Acid mist	Nil	20 mg/NM ³
5 Sulphuric acid plant-	29167	Sulphur dioxide	0.161Kg/MT (95mg/NM ³⁾	0.65 Kg/MT	
	11		Sulphur trioxide	NI	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ³
6	Phosphoric neid	133440	Particulate matter	30	50 mg/NM ³
	plant-I		Fluoride	3.3	20 mg/NM ³
7	Rock grinding unit	7067	Particulate matter	40	50 mg/NM
-	(N-I)PAAP1		Total Fluoride	- 3.5	20 mg/NM ³
8	Rock grinding unit	7346	Particulate matter	38	50 ntg/NM ²
	(N-3)PAAP2		Total Fluoride	3.3	20 mg/NM ³
9	Wharf Boiler	10797	Particulate matter	47	115 mg/NM ³
	Parphorie acid	37268	Particulate matter	27	50 mg/NM?
10	plant-2		Total Fluoride	3.7	20 mg/NM ²
	Rock grinding unit	6653	Particulate matter	44	50 mg/NM ³
11	(N-2)PAP1		Total Fluoride	4.2	Z0 mg/NM ³
12	New SAP-3	50191	Sulphur dioxide	0.037Kg/MT (52mg/NM ³)	1 Kg/MT
			Sulphur, trioxide	NI	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ¹
13	DGI	12077	Parliculate matter	-10	II5 mg/Nh11
14	DG2	12030	Particulate matter	- 44	HSIMPANM

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ORIGINAL

Labs and Consultants

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Dethi NABL Accredited Laboratory

TEST REPORT

Test Report No			TLC/V/Env/C1L/16/1124				
Description of Test		Source Emission Monitoring Inside the CIL					
Name of the client		Coromandel International Limited. Visakhapatnam stacks attached to respective plants as per details given					
	ocation of sampling	stacks attache	d to respective plants as p	er details given			
	ICE/STACK EMISSION						
S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM3	APPCB Standard Limit		
ł	Complex A	282609	Particulate matter	18	45 mg/NM ³		
			Ammonia	62	165.0 mg/NM ³		
	1		Fluoride	0.9	4.0 mg/NM ¹		
2	Complex B	257666	Particulate matter	18	45 mg/NM ³		
			Ammonia	68	165.0 mg/NM3		
			Fluoride	1.0	4.0 mg/NM ³		
3	Complex C	215727	Particulate matter	20	45 mg/NM ³		
			Ammonia	- 48	165.0 mg/NM ³		
			Fluoride	1.1	4.0 mg/NM ³		
4	Sulphuric acid plant- I	97903	Sulphur dloxide	0.304Kg/MT (220mg/NM ³)	I Kg/MT		
			Sulphur trioxide	0.028Kg/MT (20mg/NM ³)	0.35 Kg/MT		
			Acid mist	Nil	20 mg/NM ³		
5	Sulphuric acid plant- II	26619	Sulphur dioxide	0.167Kg/MT (105mg/NM ³⁾	0.65 Kg/MT		
			Sulphur trioxide	Nil	0.35 Kg/MT		
			Acid mist	NII	20 mg/NM3		
6	Phosphoric acid plant-1	131104	Particulate matter	28	50 mg/NM ³		
			Fluoride	4.3	20 mg/NM ³		
7	Rock grinding unit (N-1)PAAP1	6653	Particulate matter	42	50 mg/NM ³		
			Total Fluoride	3.8	20 mg/NM ³		
8	Rock grinding unit (N-3)PAAP2	7067	Particulate matter	35	50 mg/NM ³		
			Total Fluoride	3.1	20 mg/NM ³		
9	Wharf Boiler	10769	Particulate matter	42	115 mg/NBi*		
	Phosphoric acid	37794	Particulate matter	30	50 mg/NM ³		
10	plant-2		Total Fluoride	3.9	20 mg/NM ³		
	Rock grinding unit	6237	Particulate matter	47	50 mg/NM ³		
11	(N-2)PAPI		Total Fluoride	4.0	20 mg/NM ³		
12	New SAP-3	47948	Sulphur dioxide	0.041Kg/MT (60mg/NM ³)	1 Kg/MT		
			Sulphur triaxide	Nit	0.35 Kg/MT		
			Acid mist	Nit	20 mg/NM3		
13	DG1	11426	Particulate matter	43	DIBIHAN NAK		
14	DG2	1180	Particulate matter	48	1X INSANO/NM?		
		<u></u>	<u> </u>	For TEL	Sans and Consult		

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Registered Office :

đ۰, B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph.: (O) 040-23748555 / 23748616, Fax: 040-23748666, Email: teamlabs@gmail.com

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TEST REPORT

Test Report No		TLC/V/Env/CIL/17/1224 dt.31.12.202				
Description of Test		Source Emission Monitoring Inside the CIL				
	Name of the client	Coromandel In	ternational Limited, Vis	akhapatoam		
Ľ	ocation of sampling	stacks attached	to respective plants as p	er details given	· · ·	
SOUR	CE/STACK EMISSION	MONITORING	FOR THE MONTH O	FDECEMBER-202	4	
S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ³	APPCB Standard	
1	Complex A	263985	Particulate matter	19	45 mg/NM ³	
			Ammonia	80	165.0 mg/NM ³	
		<u> </u>	Fluoride	1.2	4.0 mg/NM ³	
2	Complex B	252704	Particulate matter	20	45 mg/NM ³	
			Ammonia	75	165.0 mg/NM ³	
		l	Fluoride	1.3	4.0 mg/NM ³	
3	Complex C	216128	-Particulate matter	22	45 mg/NM ³	
			Ammonia	65	165.0 mg/NM ³	
			Fluoride	1.2	4.0 mg/NM ³	
_ A	- GA		Sulphur dioxide	0.312Kg/MT (230mg/NM ³)	I Kg/MT	
	Sulphuric acid plant- I	96160	Sulpbur trioxide	0.027Kg/MT (20mg/NM ³)	0.35 Kg/MT	
			Acid mist	Nil	20 mg/NM ³	
5	Sulphuric acid plant- II	29076	Sulphur dioxide	0.174Kg/MT (100mg/NM ³⁾	0.65 Kg/MT	
			Sulphur trioxide	Nil	0.35 Kg/MT	
			Acid mist	NII	20 mg/NM ³	
G	Phosphoric acid	127993	Particulate matter	34	50 mg/NM ³	
	plant-1		Fluoride	4.4	20 mg/NM ³	
7	Rock grinding unit	6736	Particulate matter	-40	50 mg/NM ³	
	(N-1)PAAP1		Total Fluoride	3.2	20 mg/NM ³	
8	Rock grinding unit	7346	Particulate matter	37	50 mg/NM ³	
	(N-3)PAAP2		Total Fluoride	2.9	20 mg/NM1 ³	
9	Wharf Boiler	6564	Particulate matter	- 44	115 mg/NM ³	
	Phosphoric acid	39914	Particulate matter	32	, 50 mg/NM ³	
30	plant-2		Total Fluoride	3.5	20 mg/NM ³	
	Rock grinding unit	6098	Particulate matter	-46	50 mg/NM ³	
11	(N-2)PAP1		Total Fluoride	3.8	20 mg/NM ³	
12	New SAP-3	-46154	- Sulphur dioxide	0.052Kg/MT (80mg/NM ³)	I Kg/MT	
		·	Sulphur trioxide	Nil	0.35 Kg/MT	
			Acid mist	Nil	20 mg/NM ³	
13	DGI	11117	Particulate matter	40	115 mg/NM ³	
14	200Z	10985	Particulate matter	44	2 B de NM	


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TEST REPORT

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	Test Report No Description of Test	Source Emissi	on Monitoring inside the	CIL	dt.01.02.2025				
	Name of the client	Coromandel I	Coromandel International Limited, Visakhapatnam						
	Location of sampling	i stacks attached	to respective plants as	ner deteils given	<u> </u>				
SOU	RCE/ STACK EMISSION	MONITORING	G FOR THE MONTH O	FJANUARY-2025					
S.No	- Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ³	APPCB Staadar Limit				
1	Complex A	258757	Particulate matter	21	45 mg/NM ³				
			<u> </u>	65	165.0 mg/NM ³				
-			Fluoride	1.0	4.0 mg/NM ³				
2	Complex B	242206	Particulate matter	19	45 mg/NM ³				
			Ammonia	90	165.0 mg/NM ³				
		· · · · · · · · · · · · · · · · · · ·	Fluoride	1,2	4.0 mg/NM ³				
3	Complex C	213639	Particulate matter	18	45 mg/NM ³				
			Аттоліа	70	165.0 mg/NM3				
4			Fluoride	1.4	4.0 mg/NM ³				
-	Colotania to t		Sulphur dioxide	0.324Kg/MT (245mg/NM ³)	I Kg/MT				
	Sulphurie acid plant- I	93924	Sulphur trioxide	0.033Kg/MT (25mg/NM ³)	0.35 Kg/MT				
<u>-</u>		<u> </u>	Acid mist	Nü	20 mg/NM ³				
5	Sulphuric acid plant-	26955	Sulphur dioxide	0.18Kg/MT (110mg/NM ³⁾	0.65 Kg/MT				
	п		Sulphur trioxide	Nil	0.35 Kg/MT				
		<u> </u>	Acid mist	Nil	20 mg/NM ³				
6	Phosphoric acid	128217	Particulate matter	32	50 mg/NM ³				
7	plant-1		Fluoride	4.9	20 mg/NM3				
1	Rock grinding unit	6098	Particulate matter	44	50 mg/NM				
8	(N-I)PAAPI		Total Fluoride	3.3	20 mg/NM ³				
o	Rock grinding unit	6930	Particulate matter	36	50 mg/NM ³				
	(N-3)PAAP2		Total Fluoride	2.7	20 mg/NM ³				
9	Wharf Boiler	9969	Particulate matter	42	115 mg/NM ³				
10	Phosphoric acid	40898	Particulate matter	30	50 mg/NM ³				
10	plant-2		Total Fluoride	3.0	20 mg/NM ³				
	Rock grinding unit	5821	Particulate matter	45	50 mg/NM ³				
11	(N-2)PAP1		Total Fluoride	3.4	20 mg/NM ³				
12	New SAP-3	43114	Sulphur dioxide	0.043Kg/MT (70mg/NM ³)	I Kg/MT				
		[Sulphur trioxide	NII	0.35 Kg/MT				
			Acid mist	Nil	20 mg/NM ¹				
13	DGI	11296	Particulate matter	38 200	> 115 mar 0114				
14	DG2	11079	Particulate matter	340%	Pis mg/NM ³				
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TEST REPORT

		L/16/0225					
escription of Test	Source Emission	n Monitoring inside the (·····			
lame of the client	Coromandel International Limited, Visakimpatnam						
cation of sampling	stacks attached	to respective plants as pr	er details given				
CE/ STACK EMISSION	MONITORING	FOR THE MONTH OF	FEBRUARY-2025	<u> </u>			
Stack attached to	Flow rate NM ³ /IIr	parameters	Conc. mg/NM ³	APPCB Standard Limit			
-ar Complex A	237370	Particulate matter	19	45 mg/NM ³			
		Ammonia	95	165.0 mg/NM ³			
		Fluoride	1,1	4.0 mg/NM ³			
Complex B	240222	Particulate matter	20	45 mg/NM ³			
		Ammonia	85	165.0 mg/NM ³			
		Fluoride	1.0	4.0 mg/NM ³			
· · · · · · · ·		Particulate matter	17				
Complex C	220097		-	45 mg/NM ³			
		Animonia	40	165.0 mg/NM3			
		Fluoride	1.9	4.0 mg/NM ¹			
· · · · · · · · · · · · · · · · · · ·		Sulphur diexide	0.343Kg/MT (255mg/NM ³)	1 Kg/MT			
Sulphuric acid plant- 1	95275	Sulphur trioxide	0.041Kg/MT	0.35 Kg/MT			
		Acid mist	Nîl	20 mg/NM ³			
Sulohurie acid plant-	25839	Sulphur dioxide	0.16Kg/AIT	0.65 Kg/MT			
II		Sulphur trioxide	Nil	0.35 Kg/MT			
		Acid mist	NII	20 mg/NM ^J			
Phosphoric acid	134404	Particulate matter	- 41	50 mg/NM ³			
		Fluoride	4.7	20 mg/NM ³			
	5960	Particulate matter	-42	50 mg/NM ³			
(N-I)PAAPI		Total Fluoride	3.2	20 mg/NM ³			
	6791	Particulate matter	46	50 nrg/NM ³			
(N-3)PAAP2		Total Fluoride	4.3	20 mg/NM ³			
	9143			H5 mg/NM ³			
				50 mg/NM ²			
		and the second se	· · · · · · · · · · · · · · · · · · ·	20 mg/NM ¹			
	6098			50 mg/NM ³			
(N-2)FAPI	0000	Total Fluoride	3.9	20 mg/NM ¹			
· · · · · · · · · · · · · · · · · · ·	·	Sulnhur dioxide		1 Kg/MT			
New SAP-3				0.35 Kg/MT			
	1			20 mg/NM ³			
ngi				US.mg/NM ³			
	11186	a at acounte matter		COO			
1)C2		Bartinlata matter		CON-			
	cation of sampling CE/ STACK EMISSION Stack attached to 	cation of samplingstacks attachedComplex AFlow rate NM*/IIrComplex A237370Complex B240222Complex C220097Sulphuric acid plant- 195275Sulphuric acid plant- 195275Phosphoric acid plant- 1125839Phosphoric acid plant- 115960New SAP-39143Phosphoric acid plant-2 29143Complex C9143Complex C9143Sulphuric acid plant-1 116098New SAP-3DG111186	cation of sampling stacks attacked to respective plants as parameters CE/ STACK EMISSION MONITORING FOR THE MONTH OF Stack attached to Flow rate NM*/IIr parameters Stack attached to Flow rate NM*/IIr parameters parameters	stacks attached to respective plants as per details given CE/ STACK EMISSION MONITORING FOR THE MONTH OF FEBRUARY-2022 Stack attached to Flow rate NM*/IIr parameters Conc. mg/NM*			

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Form-No. TCL/L/GF/RF-138

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TEST REPORT

	Test Report No	TLC/WEnv/Cil/	17/0325		dt.31.03.2025
	Description of Test	Source Emission	Monitoring inside the CIL		
	Name of the client	Coromandel Inter	national Limited. Visakha	palaam	-
-	Location of sampling	stneks attached to	respective plants as per di	etails given	
SOUR	CE/STACK EMISSION M	DNITORING FOR	THE MONTH OFMARCE		
S.Nu.	Stack attached to	Flow rate NM/Hr	parameters	Cone, sng/NM'	APPCB Standard Linit
	1		Particulate matter	18	45 mg/NM ¹
1	Complex A	269152	Ansmonia	78	165.0 mg/NMJ
	1		Fineride	1.3	4.0 mg/NM ¹ *
			Particulate mutter	16	45 mg/NM ¹
2	Complex B	247360	Amisoala	55	165.0 mg/NM ⁴
			Fluoride	1.1	4.0 mg/NM ⁴
	· ·		Particulate matter	15	45 mg/NM*
3	Complex C	221396	- Ammonia	45	165.0 mg/NM ³
	I	·	Fluoride	1.5	4.0 mg/NM ⁴
4	Sulphuric acid plant-t	99750	Sutpluer dioxide	0.338Kg/MT (270mg/NM ²)	I Kg/ATT
			Support trioxide	8.041Kg/MT (35mg/NM ³)	0.35 Kg/MT
	4		Acid mist	NII	20 mg/NM ³
5	Sutphuric seid plant-II	25242	Sulphur diaxide	0.17Kg/MT (110mg/NM ²⁰	0.65 Kg/MT
			Sulphur trioxide	NI	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ²
G	Chosphoric acid plant-1	134965	Pacticulate matter	-14	50 mg/NM2
	b		Fluorlde	4.9	20 mg/NM ³
7	Rock grinding unit (N-	6376	Particulate matter	-13	50 mg/NM ³
	1)PAAPI		<u>Total Fluoride</u>	3.3	20 mg/NM ³
8	Rock grinding unit (N-	6653	Particulate matter	44	50 mg/NA1
	3)I'AAP2	·	Total Fluoride	4.1	20 mg/NA1
9	Wharf Boiler	8906	Particulate matter	47	H5 mg/NM ¹ .
	Phosphoric acid plant-2	41774	Particulate matter	39	50 mp/NM
10			Tutal Fluoride	3.6	20 mg/NM1
	Rock grinding unit (N-	6237	l'acticulate matter	10	50 mp/NM ³
11	2)PAPI		Total Flauride	3.0	20 mg/N613
12	New SAP-J	44056	Sulphur dioside	0.05Kg/MT (80mg/NM ²)	I Kg/AFF
	••		Sulphur triaxide	NI	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ²
13	DGt	\$1117	Particulate matter	39	115 mg/NM ²
14	EDG2	10369	Particulate matter	40	115 mg/NM ²

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Annexure -3 Coromandel International Limited Post Box No. 1116, Sriharlpuram, Malkapbram Post Visakhapatnam - 530 Oll, Andhra Pradesh, India Tet : 91-891-2578400 DID : 91-891-2578400 DID : 91-891-2893+Extn No Website www.coromandel.biz CIN L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

30-04-2025

EHS/APPCB/2025 - 54

То

 The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

Dear Sir,

This has reference to above mentioned subject, we are submitting the detailed report of CSR/CER activities carried out by Coromandel International Limited, Vizag during the period from October 2025 to March 2025.

We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

The above submission is in line with EC compliance & Record please.

Thanking you,

Yours faithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

Enclosure: C\$R/CER Report Copy: RO, APPCB, Visakhapatnam

Registered Office : Coromandel House, 1-2-10... Sardar Patel Road, Secunderabad-500 003 Telangana, 15dia ---



Tel: 91-40-27842034 / 27847212 Fax. 91-40-27844117 E-mail 1 mail@coromandetmurugappa.com

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	TEAM		ORIGINAL		Form-No, TCL/L/GF/RF-1	138			
	Labs and Consu	117 & 509 An	Registered Office napoorna Block, Aditya Encli 23748616, Fax : 040-23748	ave, Ameerp	et, Hyderabad - 530038. : teamlabs@gmail.com	¥			
	Laboratory Re	cognised by Mi	inistry of Environment, Fores	sts and Clima	ate Change, Gol, New Delhi				
			NABL Accredited Labo	-					
			TEST REPORT						
						,			
	A					ſ			
	Test Report No		LC/V/Env/ClL/33A/1024		dt.01.11.2024				
	Description of Test								
	Name of the client	Coromandel International Limited, Visakhapatnam							
	Location of sampling	As provided t	As provided below						
	Period of Collection	OCTOBER-2024							
	Duration of sampling	8 hr.							
	Protocol	IS5182 Part 2	3	 	Time weighted				
	S No.	Plant/Depar tment	Location/area	Result SPM mg/m3	average concentration 8 br allowed per OSHA For total dust				
			Reactor area (PAP-2) Dust Bins area (PAP-I)	<u>1.3</u> I.6	•				
	5	PAP - 2	Head drum area (PAP-1)	1.9					
			RG-2 (OBM) Melter Area (SAP-1)	1.4 2.1					
			Rock Feeding Area (SAP-1)	2.1					
			RMH Area (SAP-1)	1.9 1.7	15.0 mg/m3				
		- 	Melter Area (SAP-1) Rock Feeding Area	2.0	Tava mikuna				
	6	SAP- 1,2,3	(SAP-2) RMH Area (SAP-2)	2.0					
ļ		ł	Melter Area (SAP3)	2.2					
			Rock Feeding Area (SAP-3)	1.8					
L			RMH Area (SAP-3)	1.4					
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Test Report No		TLC/V/Env/ClL/33B/10	Z4	dt.01.11.2024			
Description of Test	Fugitive I	Emissions at workplace	e-SPM				
Name of the client	lient Coromandel International Limited, Visakhapatnam						
Location of sampling	As provided	i below					
Period of collection	OCTOBER	-2024					
Duration of sampling	8 hr.	} hr.					
Protocol	IS5182 Part	: 23					
S No.	Plant/Dep artment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr allowed per OSHA For total dust			
		PH Maintain Godown	1.8				
7	Bagging	BP-2 Godown Area	1.7				
'	Plant	Auto bagging (BP-1)	2.0	_			
		Auto bagging (BP-2)	1.9	· · ·			
8	Treatment	ETP Entrance 1.6					
······································	Plants	STP Entrance	1.4	-			
	Raw	Rock Godown Near 40P	1.8				
9	Material Storage	Sulphur Godown Near Garage	2.1	15.0 mg/m3			
	area	Urea Godown at Bagging Plant	2.2				

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TEAM		ORIGI	NAL		Form-No. TCL/L/GF/RF-13
Labs and Con	cultants				
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$Ph \cdot (C)$	ነነ ስ4በ-237485	555 / 23748616, Pax : U4	10-23740000), Ciliali : (calingna@a	http://www.
t-borntonr	no	y Ministry of Environmer	nt. Forests a	nd Climate Change, C	Jol, New Delhi
Laooistory :	Accognises a	NABL Accredite	ed Laborator	y	
<u>عر</u>		TEST RE			
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		· · · · · · · · · · · · · · · · · · ·			7
Test Report No	······································	TLC/V/Env/ClL/34/1	024	dt.01.11.2024	-
Description of	E	missions at workplac			1.84
Test					
Name of the client	Coromande	l International Limited, V	Visakhapatn	am	
Location of					
sempling	As provided	below		·····	4
Period of	OCTOBER-	7074			
Collection		- <u></u>			4
Duration of	8 hr.				
sampling Protocol	IS5182 Part	71		<u>. </u>	*
Protocol	333104 - 4.4	1	1	Time weighted	1
	Plant/Dep		Result	average	
S No.	artment	Location/area	NH3	concentration 8 hr. allowed per OSHA	
	fer 110-111		mg/m3	For total dust	
		Reactor Top Area	1.8		
		Granulator	0.9		
1	A-TRAIN	Surrounding Area		1	
-		Pre-Scrubber Area	<u> </u>	4	
		Dryer Area	1.0		
		Reactor Top Area	1.8		
_	B-TRAIN	Granulator Surrounding Area	1.4		
2	B-18AU	Pre-Scrubber Area	1.6	17.41 mg/m3	
		Dryer Area	2.0		
	<u>+</u>	Reactor Top Area	2.2]	*24:+
\$ 1		Granulator	2.5		
3	C-TRAIN	Surrounding Area		Į	
ĺ		Pre-Scrubber Area	0.9	♣_ ·	
		Dryer Area	1	-	
		Storage Tank Area	1.6		
4	AAST	Ammonia Storage	1.0		
1		Facility Area		I	_1

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Test Report No		TLC/V/Env/Cl1/35/10	24	dt.01.11.2024				
Description of Test	Fugitive E	Imiscions at workpl	ace-SO2					
Name of the client	Coromande	l International Limited	Visakhap	atnam				
Location of sampling	As provided	s provided below						
Period of Collection	OCTOBER	-2024		že				
Duration of sampling	8 hr.							
Protocol	IS5182 Part	23						
S No.	Plant/Dep artment	Location/area	Result SO2 mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust				
3	SAP-1	IAT Area Furnace Area Hot Gas Filter Area Scrubber Area	1.6 2.0 2.1 1.9					
2	SAP-2	IAT Area Furnace Area Hot Gas Filter Area Scrubber Area	2.0 1.6 1.4 1.3					
3 SAP-3		IAT Area Furnace Area Ho [*] Gas Filter Area Scrubber Area	2.1 2.3 1.6 1.4	5.24 mg/m3				
		Molten Sulphur Storage Area	0.9					
4	Wharf Area	Sulphuric Acid Storage Area						

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For TEAM Labs

Annexure -5

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ANDHRA PRADESH POLLUTION CONTROL BOARD Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520007 Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/



RED CATEGORY

CONSENT TO OPERATE & AUTHORIZATION ORDER Consent Order No : APPCB/VSP/65/CFO/HO/1967 - Dt. 04/08/2023

CONSENT is hereby granted to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', `the Rules') to:

M/s. Coromandel International Limited, (After Expansion) Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011 Email : nagarajud@coromandel.murugappa.com ; mishraVK@coromandel.murugappa.com ; nagarjunap@coromandel.murugappa.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
*51	Process and Washings	1,800	 Process effluents shall be recycled / reused within factory premises to achieve Zero discharge except during rainy season In case of low load plant operations and during rainy season, the quantity of effluent generated from Phosphoric acid post enhancement is 1800 KLD which shall be treated in the existing ETP plant and discharged along with once through cooling blow down through Meghadrigedda surplus course that joins Bay of Bengal
	Cooling tower blow down & Desalination Plant RO Rejects		Into Meghadrigedda surplus course that joins Bay of Bengal
3.	Domestic		The industry treat the waste water in the STP, after treatment in the STP the treated waste water shall be Recycled / reused within the factory premises.
	Total	93,930	

i) Out lets for discharge of effluents:



Ćhimney * No.	Description of Chimney	Quantity of Emissions in m3/hr. at peak flow
	Attached to 1700 TPD Sulphuric Acid Plant	1,15,357Nm ³ /h
2.	Attached to 400 TPD* Sulphuric Acid Plant	33,333 Nm ³ /h
3.	Attached to 700 TPD Phosphoric Acid Plant	1,82,000 Nm ³ /h
4.	Attached to 40 TPH Rock Grinding unit	15,000 m ³ /hi
5.	Attached to 20 TPH Rock Grinding unit	15,000 m ³ /h
6.	Attached to Complex A-Train	2,60,700 Nm ³ /h
7.	Attached to Complex B-Train	2,60,700 Nm ³ /h
8.	Attached to Complex C-Train	2,67,850 Nm ³ /h
	Common stack attached to Drier (2 Nos.) & process coolers (2 Nos) of 300 TPD customized fertilizer	
10.	Attached to 1.5 TPH Oil Fired Boiler	12,000 Nm ³ /h
11.	Attached to 4 MW D.G. Set	
12.	Attached to 4 MW D.G. Set	-
13.	Attached to 900 TPD Phosphoric Acid Plant	35,000 Nm3/Hr
14.	Attached to 75 TPH Rock Phosphate grinding Unit	30,000 Nm3/H
	Attached to 40 TPH Coal Fired Boiler (6.7 MW) & Back pressure Turbine 5 MW	67,200 Nm3/H
16.	Attached to 910 KVA D.G. Set	
17.	Attached to 2000 TPD SulphuricAcidPlant-3	1,61,000 Nm3/H
18.	Attached to 500 KVA D.G. Set	
19.	Attached to 750 KVA D.G. Set	

iii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]: M/s. Coromandel International Limited, Sriharipuram, Malkapuram, Visakhapatnam District,

M/s. Coromandel International Limited, Sriharipuram, Malkapuram, Visakhapatnam District, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

S.No	Name of the waste	Stream	Quantity	Disposal Option
1.	Acid residues (Tank bottom sludge)	34.2 of Schedule-I	60 TPA	Recycle back into phosphorie acid reactor
2.	Sulphur muck (Sulphur sludge)	Class B (Sl.No.37) of Schedule-II		Recycle back into the process as a filler material in the granulation plant
3.	Spent catalyst	18.1 of Schedule-I	115 TPA	Shall be routed through APEMC, to Authorised Reprocessors / Recyclers / TSDF, Parawada / Pre – processors
4.	Used lubricating oil/drained oil	5.1 of Schedule - I	60 KLPA	Shall be routed through APEMC to Authorised Reprocessors / Recyclers

• HAZARDOUS WASTE WITH DISPOSAL OPTION

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5.	Detoxified Containers and	33.1 of Schedule-I	15000 Nos/Anum	Shall be routed through APEMC to TSDF for detoxification and disposal
*,535	container liners	Jeneouie-1		/ outside agencies / return to dealers, after detoxification
6.	LSHS Sludge	34.2 of Schedule-I	15TPA	Shall be routed through APEMC to cement industries for co-processing / TSDF, Parawada / Pre – processors
7.	Scrubbing sludge	37.1 of Schedule-I	450 TPA	Reuse back in the process
8.	ETP sludge	35.3 of Schedule –I	1200 TPA	Recycle back into process
9.	Off specified , expired chemicals & lab chemicals etc.	28.4 of Schedule –I	50 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for incineration /Landfill /Authorised Cement Industries for Co- Processing
10.	Glass wool	33.2 of Schedule –I		Shall be routed through M/s. APEMCL to TSDF Parawada for Landfill
11.	Insulation puf .	33.2 of Schedule –I		Shall be routed through M/s. APEMCL to TSDF Parawada for Incineration

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•*OTHER THAN HAZARDOUS WASTE WITH DISPOSAL OPTION

S.No	Name of the waste	Quantity	Disposal Option
1.	e-waste	25 TPA	Authorised e-waste recyclers / dismantlers
2.	Fly ash	25 TPD	To cement industries / brick manufacturing units

The Consent Order No. APPCB/VSP/65/CFO/HO/1967 dated 30.09.2022 and amendment of CTO dt. 01.02.2023 valid upto 31.08.2027 stands cancelled from date of issue of this order. This consent order is valid to manufacture the following products along with quantities indicated only:

S.No.	Products	Quantity	
1	Complex Fertilisers		
	Customized Fertilizer plant (Customized Fertilizersor Organic Fertilizersor Bio Stimulantsor Soil conditioners or Mixture of fertilizers) (or)		
3	Water soluble fertilizer plant	24	1
	100% Water soluble complex fertilizers/ 100% water soluble mixture of fertilizer (or)		
	Micronutrient mixtures (powder/ liquid/ granular) (or)		
	Chelated Micronutrients (powder/ liquid/ granular) (or)		

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	Urea Phosphate (or)	
	Micronized / Nano Sulphur	1
4	H ₂ SO ₄	4100 TPD (SAP1 – 1700 TPD & SAP2-400 TPD, SAP3- 2000 TPD)
5	Bentonite Sulfur /Bentonite Sulphur with micronutrients	200 TPD
6	Phosphoric Acid	1600 TPD
7	Fertilizer Technology Centre (Granulation) – Straight or Complex or Fortified or Organic or Bio stimulants or Soil conditioner or Mixture of fertilizers	
8	Fertilizer technology centre - Phosphoric acid	0.83 TPD
9	Sulpho Zinc & Sulpho Boron	50 TPD
10	Liquid Fertilizer plant – Liquid Suspension or Liquid solution of primary nutrients (N,P,K)/Micronutrients/Secondary nutrients / Organics/Bio Stimulants/Nano fertilizers	
11	Desalination Plant	6 MLD
By-P	roducts:	<u>. </u>
12	Gypsum	8000 TPD
13	Hydroflorosilicic Acid	40TPD
Bulk	storage facilities at site	1
	Ammonia (1x5000 MT + 1x7500 MT)	12500 MT
15	Sulphuric acid (1X4000 MT + 3X 2500MT) + 4 x5000MT + 2 X 12500 MT	56500 MT
		32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X
	x5000MT + 2 X 12500 MT	32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3
16	x5000MT + 2 X 12500 MT Phosphoric acid (P ₂ O ₅)	32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3 12000 m3) 18000 MT (2 X 7500 MT these two storage
16	x5000MT + 2 X 12500 MT Phosphoric acid (P ₂ O ₅)	32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3 12000 m3) 18000 MT (2 X 7500 MT these two storage tanks located at wharf area + 2 X

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20	Kerosene	1 X 50 KL
21	LPG	870 Kg

* The industry shall produce either individual fertilizers or combination of the fertilizers at any point of time without increase in the total permitted capacity of fertilsers 4210 TPD.

** Molten sulphur capacity 2 X 7500 MT as per CFE dt.18.11.2021.

Note: The industry has dismantled Petrol tank and same was deleted.

This order is subject to the provisions of `the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent to operate & Hazardous Waste Authorisation shall be valid for a period ending with the **31st day of August**, **2027**.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

D OKIEDINK ING, M5(D5), O/0 MEMDER SECKETART-AFF

M/s. Coromandel International Limited, Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011

Copy to:

1. The JCEE, Zonal Office, Visakhapatnam for information and necessary action.

2. The EE, Regional Office, Visakhapatnam for information.

SCHEDULE - A

- The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
- 3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
- 4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

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5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.

7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed,

quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

- 8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1974.
- 9. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
- 10. The industry may explore the possibility of tapping the solar energy for their energy requirements.
- **11.**The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE - B

The issue CTO &HWA (Expansion) to the industry was placed in the Consent Management Committee meeting held on 25.07.2023. <u>The industry shall comply with the following conditions:</u>

- **1.** The industry shall provide permanent pipe line arrangement for lifting leachate generated from ETP sludge storage shed to the ETP for treatment.
- 2. The industry shall maintain good housekeeping within the factory premises.
- 3. The industry shall upgrade STP to treat the domestic wastewater of 530 KLD, until then the industry shall restrict the wastewater generation to 300 KLD, as the industry is having STP of capacity 300 KLD only to treat the wastewater.
- 4. The industry shall furnish emission loads of SO2 & acid mist for all Sulphuric acid

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plants.

5. The industry shall develop balance greenbelt with native species of the total area within 3 months to achieve 33% of greenbelt. $\frac{2}{2} = \frac{1}{2}$

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WATER POLLUTION:

6. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

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Outlet	Parameter	Limiting
		Standards
1&2	pH	6.5 - 8.5
]	Ammonical Nitrogen	50 mg/l
	Free Ammonical Nitrogen	4.0 mg/l
	Total Kjeldahl Nitrogen	75 mg/l
	Nitrate Nitrogen	20 mg/l
	Cyanide as CN	0.1 mg/l
	Vanadium as V	0.2 mg/l
	Arsenic as As	0.2 mg/l
- 44	Phosphate as P	5 mg/l
	Suspended solids	100 mg/l
	Oil and Grease	10 mg/l
	Fluoride as F	10 mg/l
-	Hexavalent Chromium as Cr	0.1 mg/l
	Total Chromium as Cr	2.0 mg/l
	BOD	30 mg/l
	COD	250 mg/l
	Temp :- Not more than 5 ⁰ C higher than intake water.	
3	pH	6.50 - 8,50
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand	30 mg/l
	Total Suspended Solids	<100 mg/l
	Fecal Coliform (FC) (Most Probable Number per 100 milliliter,	
	MPN/100ml	ml

Note: (i) Chromium salt shall not be used in cooling tower as algaecide. (ii) The effluent shall be analysed for Vanadium and Arsenic once in a year and analysis report shall be submitted to the concerned State Pollution Control Board / Pollution Control Committee.

S.NO.	Purpose	Quantity (KLD)
1	Process & Washes	
		Total – 16600 (Existing 10,350 + SAP3-1800 + PAP- 2400 KLD) + Expansion= 2050 (SAP -
3	Boiler feed	650+ PAP-1400)

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4	Domestic & Other	
	Subtotal	16600
	Sea water (Industrial cooling & Desalination Plant of 6 MLD capacity)	84600+16000 = 100600
2	Grand Total (kl)	1,17,200

8. The effluent discharged shall comply with the tolerance limits mentioned as per MoEF notification dated 29.12.2017 prescribed for Fertilizer industry.

9. The industry shall maintain the following:

- a. Electro Magnetic flow meters with totalisers for water used and effluent generation for different purposes as mentioned in this CTO order.
- b. Proper records for effluent generation, treated, reused and discharged into meghadrigedda.

c. Water flow meter at Leachate Collection pit provided for Gypsum storage yard to quantify the effluents recycled and shall maintain registers.

10. The effluents shall be stored in above ground level collection tanks separately.

11.Effluents shall not be discharged onland or any water bodies or aquifers or cutside under any circumstances. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas. The industry shall maintain separate storm water drains and provide rain water harvesting structure.

- 12.Container, Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
- 13. The industry shall comply with the standard for fluoride (1.5 mg/l) in piezo well water samples and shall not exceed the standard
- 14.The industry shall submit details of maintaining temperature difference (DT) of 5⁰C before disposal to Sea via Megadri gedda every month.
- **15.**The industry shall provide online effluent monitoring system for pH, BOD, COD, TSS, Phosphates, Fluorides, temperature with online connectivity to CPCB / APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015.
- **16**.The industry shall ensure that no Fluoride contamination in two piezo wells and monitor piezo wells on monthly basis. The industry shall submit trends every 3 months to RO, Visakhapatnam.

AIR POLLUTION:

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17. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emision Standards
	Acid mist	20 mg/Nm ³

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1	SO ₂ SO ₃	1 Kg/MT of product 0.35 Kg/MT of product
2	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 0.65 Kg/MT of product 0.35 Kg/MT of product
3 & 13	Total Fluoride PM	20 mg/Nm ³ 50 mg/Nm ³
4,5 & 14	PM	50 mg/Nm ³
6 - 8	Particulate Matter Fluorine Ammonia	45 mg/Nm ³ 4 mg/Nm ³ 165 mg/Nm ³
9	Particulate Matter	50.00 mg/Nm ³
11, 12	Particulate Matter	115.00 mg/Nm ³
15	PM	50.00 mg/Nm ³
17	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 1 Kg/MT of product 0.35 Kg/MT of product

18.The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW subshall comply with emission limits as per the Notification G.S.R.489 (E), dated

09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

19.The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 microns) - 100 micro gram/ m3; PM2.5 (Particulate Matter size less than 2.5 microns) - 60 micro gram/ m3; SO2 - 80 micro gram/ m3; NOx - 80 micro gram/m3, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 shall be complied. Following standards prescribed for noise shall be complied.

Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A)

Night time - (10 PM to 6 AM) - 70 dB (A).

- 20.The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends-etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
- 21. The industry shall properly maintain 400 MTPD evaporation system for Phosphoric

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Acid including Fluorine recovery system as stipulated in the EC order dt.14.07.2017. The industry shall recover fluorine from phosphoric acid process to maximum extent 4 possible.

22.The industry shall operate bulk handling mechanism like telescopic chute system at all raw material storage ware houses and ensure that there shall not be fugitive emissions from the raw material handling warehouses. The industry shall cover all directions of the feeding area of rock phosphate and rectify the fugitive leakages, if any.

23. The industry shall maintain online stack analyzers for all the stacks of complex fertilizer plant for monitoring ammonia, PM and fluorine and one analyser for monitoring fluorine in Phosphoric Acid Plant with online connectivity to CPCB/APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015. The industry shall maintain the online analyzer facility for monitoring of Fluoride in the Phosphoric Acid plant immediately. The data shall be connected to the CPCB / APPCB servers.

24.The industry shall maintain 3 online CAAQM Stations within the plant as per the specifications of CPCB for online monitoring of SPM, RSPM, SO2, NOx & Ammonia with networking facility to Head Office, APPCB.

25.The industry shall maintain automatic caustic lye solution dosage for the scrubbers provided in the Sulphuric acid plant so as to maintain pH below 8 in acidic scrubbers provided in the plant. The industry shall maintain online pH measuring facility with auto recording system to the alkali scrubbers provided to treat the sulfuric acid plant emissions.

GENERAL:

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- **26.**The industry shall not manufacture new products and not exceed the consented capacity without CTE/CTO of the Board.
- 27.The industry shall evaporate (concentrate) Phosphoric acid to reduce Fluorine so as to reduce fluorine input to complex fertilizer plant;
- **28.**Housekeeping shall be improved through closed transportation systems. Road sweeping machine shall be deployed for control of dust near Gypsum yard.
- 29.The industry shall maintain Hazardous waste storage area with concrete platform and leachate collection pit for storage of ETP sludge.
- 30.The industry shall comply with the guidelines issued by the CPCB regarding storage & handling of gypsum.
- 31.The industry shall not start-up the Sulfuric acid plants during night time i.e. between 6.00 PM to 8: 00 AM.
- **32.**The industry shall operate bag filters at hopper i.e. rock phosphate unloading point at wharf to arrest the fugitive emissions.
- 33. The industry shall maintain the internal roads within the factory premises.
- 34. The industry shall update the Disaster Management Plan regularly.

- 35.The industry shall monitor work place online ammonia levels with online sensors in complex fertiliser plant and maintain records.
- 36. The industry shall store fresh gypsum on HDPE lining at the wagon loading area.
- **37.**The industry shall submit concentration levels of Ammonia monitored by industry through sensors every month.
- 38. The industry shall ensure that there are no leaks in any unit operations and unit processes.
- **39.**The industry shall take proper measures to ensure the trucks with proper leak proof bodies are used for transportation of gypsum from the industry.
- 40.The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
- a. Daily production details.
- b. Quantity of Effluents generated, treated, recycled.
- c. Log Books for pollution control systems.
- d. Characteristics of effluents and emissions.
- e. Hazardous/non hazardous solid waste generated and disposed.
- f. Inspection book.
- g. Manifest copies of effluents / hazardous waste.
- 41.The industry shall comply with the conditions stipulated in the CTE order No.65/APPCB/CFE/RO-VSP/HO/2012, dated 08.02.2020, 24.08.2022, 27.07.2022 & 22.11.2022
- 42.The industry shall update the information in OCEMS Industry Information Data Entry Software for Compliance Reporting Protocol in PART-II (Sections F & G) Every Quarter on 1st January, 1st April, 1st July and 1st October through this software system.
- 43. The industry shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
- 44. The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.
 - 45.The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the

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audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

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- 46.Any other directions / circulars / notices / guidelines issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
- 47. The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Special conditions:

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- 48.The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.
- 49.The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required-under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
- 50. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment, and the details shall be furnished to the Factories Department and the Regional Office, APPCB time to time duly certifying the same by the industry. Further, the industry shall extend training to the working personnel while handling hazardous chemicals for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
- **51.**The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
- 52.The industry shall inventory the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016) and shall furnish the details to Regional Office, APPCB on a monthly basis duly certifying the same by the industry.
- 53. The industry shall conduct Risk studies to be undertaken clearly describing impact within the industry premises and outside the industry premises and emergency response system.
- 54.The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage,

Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be ^{***}furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.

<u>SCHEDULE - C</u>

[see rule 6(2)] [CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR . HANDLING HAZARDOUS WASTES]

- **1**. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
- **3.** The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible
- Scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
- 7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
- 8. The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
- The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.

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- 10.The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- **11.**The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
- 12. The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.
- 13. The industry shall maintain 7 copy manifest system for transportation of waste

generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

14.The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, ,

recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

15. The industry shall route the all the hazardous wastes through M/s. APEMC. B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

- 🔪 To
- M/s. Coromandel International Limited,
- Post Box No. 1116,
- Sriharipuram, Malkapuram(PO)
- Visakhapatnam -530 011

Signed by B Sreedhar las Date: 04-08-2023 11:19:12 Reason: Approved

Annexure -6

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TEAM

ORIGINAL

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Form-No. TCL/L/GF/RF-138

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Labs and Consultants

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph.: (O) 040-23748555 / 23748616, Fax: 040-23748666, Email: teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/0924 DATE 01-11-2024				
Desaription of Test	Noise Level Monitoring				
Name of the client	Coromandel Internation	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided				
Date of collection	OCTOBER -2024				
	LOCATION / AREA	NOISE LEVEL LIMITI (70 d			
	1St Gate		50		
	2nd Gate		52		
	3rd Gate (Plant)	1	53		
	4th Gate		51		
Nisht	5th Gate		49		
Night	6th Gate	52			
	7th Gate	53			
	8th Gate	58			
	9th Gate	56			
	Contractor gate	52			
	LOCATION / AREA	NOISE L	LEVEL LIMITI (75 dB)		
	1St Gate		66		
	2nd Gate	62			
****	3rd Gate (Plant)		68		
	4th Gate		61		
D	5th Gate		65		
Day	6th Gate		67		
	7th Gate	62			
	8th Gate	66			
	9th Gate	69			
	Contractor gate	ab Ano'			

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Labs and Consultants

Registered Office :___

8-115, 116, 117 & 509, Annapoorna Block, Adilya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

Test Report No	TLC/V/Env/CIL/30C/1124	DATE 02-12-2024	
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	NOVEMBER - 2024		
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)	
	1St Gate	50	
	2nd Gate	54	
	3rd Gate (Plant)	56	
	4th Gate	. 52	
N7 -1.4	5th Gate	50	
Night	6th Gate	52	
	7th Gate	54	
	8th Gate	51	
	9th Gate	61	
	Contractor gate	50	
		NOISE LEVEL LIMITI (75 dB)	
	1St Gate	62	
~	2nd Gate	60	
	3rd Gate (Plant)	65	
-	4th Gate	61	
Day	5th Gate	60	
	6th Gate	65	
	7th Gate .	60	
	8th Gate	63	
	9th Gate	60	
	Contractor gate	61	

For Team Labs Consultants



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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986 NABL Accredited Laboratory (Certificate No. TC-12956)

TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/1224 DATE 31-12-2024			
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided			
Date of collection	DECEMBER-2024			
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)		
	1St Gate			
	2nd Gate	50		
	3rd Gate (Plant)	55		
133	4th Gate	50		
Ninha	5th Gate	48		
Night	6th Gate	50		
	7th Gate	52		
	8th Gate	56		
	9th Gate	55		
	Contractor gate	50 -		
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dB)		
	1St Gate	68		
	2nd Gate	60		
	3rd Gate (Plant)	67		
	4th Gate	63		
	5th Gate	67		
Day	6th Gate	65		
	7th Gate	64		
	8th Gate	68 .		
	9th Gate	67		
	Contractor gate	63		



EAM	ORIGINA	<u>L</u>	Form-No. TC	L/L/GF/RF-138
ubs and Consultant	– S Registered C	iffice :		
B-115, 116, 117 & 5 Ph. : (O) 040-237		Enclave, Ar	neerpet, Hyderabad - 530038. mail : teamlabs@gmail.com	•
Recognised as	Environmental Laboratory und ABL Accredited Laboratory (C	er Environm	ental (Protection) Act 1986	
¥	TEST REPO	ORT		r
e e e e e e e e e e e e e e e e e e e				
			* 2.	
Test Report No	TLC/V/Env/CIL/32C/12	5	DATE 1-02-2025	
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel Internation	al Limited	, Visakhapatnam	
Location of sampling	Asper details provided			
Date of collection	JANUVARY-2025		· · · · · · · · · · · · · · · · · · ·	
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)	
	1St Gate		51	
	2nd Gate		52	
•	3rd Gate (Plant)		53	
	4th Gate		51	·
	5th Gate		50	
Night	6th Gate		52	
	7th Gate		56	
	8th Gate		54	
	9th Gate		53	
	Contractor gate	1	51	
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)	
	1St Gate		69	
	2nd Gate		63	
	3rd Gate (Plant)		65	
	4th Gate		66	
	5th Gate		68	
Day	6th Gate		67	
	I vill Gale		w /	

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7th Gate

8th Gate

9th Gate

Contractor gate

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Labs and Consultants

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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph.: (O) 040-23748555 / 23748616, Fax: 040-23748666, Email: teamlabs@gmail.com

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TEST REPORT

Test Report No	TLC/V/Env/CIL/31C/0225 DATE 02-02-202				
Description of Test	Noise Level Monitoring				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	Asper details provided				
Date of collection	FEBRUIARY-2025	····			
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)		
Night	1St Gate		50		
	2nd Gate		52		
	3rd Gate (Plant)	ľ	53		
	4th Gate		51		
	5th Gate		49		
	6th Gate		52		
	7th Gate		50		
	8th Gate		54		
	9th Gate		53		
	Contractor gate		52		
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dB)			
•≤ss	1St Gate		66		
	2nd Gate	1	64		
	3rd Gate (Plant)		69		
	4th Gate		64		
	5th Gate		65		
	6th Gate		66		
	7th Gate		63		
	8th Gate		69		
	9th Gate		68		
	Contractor gate		65		



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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : leamlabs@gmall.com

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986 NABL Accredited Laboratory (Certificate No. TC-12956)

TEST REPORT

Test Report No	TLC/V/Env/CIL/36C/0225		DATE 31-03-2025	
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided			
Date of collection	MARCH-2025			
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)	
Night	1St Gale	52		
	2nd Gate	54		
	3rd Gate (Plant)	55		
	4th Gate	50		
	5th Gate	52		
	6th Gate	51		
	7th Gate	53		
	8th Gate	55		
	9th Gate	51		
	Contractor gate	50		
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dB)		
Day	1St Gate	65		
	2nd Gate	63		
	3rd Gate (Plant)	67		
	4th Gate	62		
	5th Gate	64		
	6th Gate	68		
	7th Gate	62		
	8th Gate	67		
	9th Gate	66		
	Contractor gate	63		



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MoEF Complex EC- Complex Date: 31st August, 2007

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EC-NO-F.NO.J11011/314/2007-IA II (I) Date: 31st August, 2007

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Compliance of EC/CEE/ CEO/ D	irections		
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For submission of compliance reports by the indust	5e3		
1 Compliance Report **	2.EC Order Number *		
EC	EC-NO-FNO J11011/314 2007.44 0		
3 EC Order Issued On	4.EC Order Issued By		
03/31/2007	MOEFSCC, Duthi		
5. Nama of the Industry **	6. Address *		
Commandel International Limited	Sriharipuram , Meikapuram PO Visakhapatenm – 53	Y	
	· · · · · · · · · · · · · · · · · · ·	م	
7, District : *	8. Email		
Visakhapalnam	naganajud@coremandeEmurugappa.com		
9. Phone 1*	10. Status of Compliance		
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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 Oli, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K12C

Date: 30.12.2024

EHS/APPCB/2024 - 145

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- The Environmental Engineer,
- Andhra Pradesh Pollution Control Board,
- * Regional Office, Behind RTA Office,
- Madhavadhara VUDA Colony,
- , Visakhapatnam 530 018

Sub: Submission of Six-monthly compliance report for Environmental Clearance orders for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD as on 30.12.2024 – Reg

Ref: 1. EC Order No - F.No. J11011/314/2007-IA II (I) - Date-31st August, 2007

2. APPCB Notice No - PCB/RO-VSP/6 months compliance/2018 - Date 05. 07.2018

With reference to the above subject, herewith we are submitting the Six monthly condition wise compliance report as on 30.12.2024 of stipulated conditions in Environmental Clearance issued by MoEF, Newdelhi vide F.No. J11011/314/2007-IA II (I) dt.31st August, 2007 of M/s Coromandel International Limited, Sriharipuram Visakhapatnam for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD duly Certified by M/sTEAM Labs and Consultants NABL accredited Laboratory after carrying out site visit during the period 18.12.2024 and 19.12.2024 is enclosed for records.

This is for information please.

- Thanking you,

Yours faithfully

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

N-H^C₁, ha Enclosures: 1. EC compliance report 2. NABL accreditation Certificate

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India Tel 91-40-27842034 / 27847212 Fax , 91-40-27844117 E-mail mail@coromandel.murugappa.com



ANDHRA PRADESH POLLUTION CONTROL BOARD REGIONAL OFFICE, VISAKHAPATNAM

R LAKSHMI NARAYANA ENWRONMENTAL ENGINEER Plot No.14, Flat No.103 & 104, Journalist Colony, Marripalem VUDA Colony, Opp: Spencers Visakbapatnam - 530009 Ph: 0891 - 2755356

Notice .No. /PCB/RO-VSP/6 months compliance/2018 -

Sub:- APPCB, RO, VSP – Non-submission of the Half yearly compliance report of CFO & HWA Conditions – Notice issued – Reg.

Ref:- CFO & HWA Order issued by APPCB from time to time to the industries.

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WHEREAS, you are operating the industry in the jurisdiction of Visakhapatnam and obtained CFO of the Board from time to time.

WHEREAS, the APPCE has issued CFO & HWA Order by stipulating certain conditions to comply with.

WHEREAS, while issuing CFO and Auto Renewal CFO Orders, the Board stipulated a condition "The facility shall submit the compliance report to all the stipulated conditions for Consent for Operation for every six months i.e. on 1st of January and 1st of July of every year."

compliance report for every six months i.e. on 1st of January and 1st of July of every year.

You are requested to follow the above instructions without fail.

Raavi Lakshmi	Digitally signed by Raavi Lakshmi Narayana Date: 2018.07.05
Narayana	13:52:59 +05'30'
ENVIRONME	NTAL ENGINEER

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Date:05/07/2018





National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TEAM LABS AND CONSULTANTS

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

B-115,116,117 & 509, ANNAPURNA BLOCK, ADITYA ENCLAVE, AMEERPET, HYDERABAD, TELANGANA,

Certificate Number: TC-12956

Issue Date:

23/01/2026

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This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: TEAM LABS AND CONSULTANTS

24/01/2024

Signed for and on behalf of NABL

N. Venkateswaran Chief Executive Officer

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Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Adilya Enclave, Ameerpet, Hyderabad - 530038. ** Pn. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlebs@gmail.com

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Branch Office : #24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001. Ph. ; (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

Coromandel International Limited, Visakhapatnam

MoEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by MoEF for enhanced production capacity of complex fertilizer plant from 2700 MTPD to 3900 MTPD

Ref: J11011/314/2007-IA II (I) dt. 31st August, 2007 Reference : For the period from June -24 to November -24 Period ÷

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A.) SPECIFIC CONDITIONS:

S. CONDITION COMPLIANCE STATUS NO The expansion of the project shall be based on process improvement, technology innovation, improving on stream-hours maximization of equipment capacity and continuous supply of raw materials. Compiled No Sulphuric acid and phosphoric acid plant shall be installed for additional requirement of Sulphuric and phosphoric acid. Due to enhancement of production pollution load shall not increase from the existing load. Usage of higher capacity pipe-reactor with improved technology. • Upgrading drives for Dryer, bucket elevators, installation of new piping, pre-heaters and higher efficiency scrubber nozzles. Also enhanced infrastructure to handle the additional quantity of raw materials, bulk and finished products. • We have done the plant expansion after obtaining the necessary Environmental clearance from the MoEFCC and APPCB. Reference EC: - 11011/388/2006-IA Ibr (I) the 100 June 1001/548/2008-IA-Ibr (I) the 100 June 1001/548/2008-IA-Ibr (I) the 1001/1548/2008-IA-Ibr (I) the III the IIII the IIIII IIII IIIIIIIIII			
 The expansion of the project shall be based on process improvement, technology innovation, improving on stream-hours maximization of equipment capacity and continuous supply of raw materials. No Sulphuric acid and phosphoric acid plant shall be installed for additional requirement of Sulphuric and phosphoric acid. Due to enhancement of production pollution load shall not increase from the existing load. We have done the plant expansion after obtaining the necessary Environmental clearance from the MoEFCC and APPCB. Reference EC: - 11011/388/2006-IA 18.05.2007 and T 10. 	S.	CONDITION	COMPLIANCE STATUS
based on process improvement, technology innovation, improving on stream-hours maximization of equipment capacity and continuous supply of raw materials. No Sulphuric acid and phosphoric acid plant shall be installed for additional requirement of Sulphuric and phosphoric acid. Due to enhancement of production pollution load shall not increase from the existing load. The Complex plant during its upgradation was done with below mentioned improvements and technology innovations: - • Usage of higher capacity pipe- reactor with improved technology. • Upgrading drives for Dryer, bucket elevators, installation of new piping, pre-heaters and higher efficiency scrubber nozzles. Also enhanced infrastructure to handle the additional quantity of raw materials, bulk and finished products. • We have done the plant expansion after obtaining the necessary Environmental clearance from the MoEFCC and APPCB. Reference EC: - 11011/388/2006-IA			
	•) •··	based on process improvement, technology innovation, improving on stream-hours maximization of equipment capacity and continuous supply of raw materials. No Sulphuric acid and phosphoric acid plant shall be installed for additional requirement of Sulphuric and phosphoric acid. Due to enhancement of production pollution load shall not increase from the	 The Complex plant during its upgradation was done with below mentioned improvements and technology innovations: - Usage of higher capacity pipe-reactor with improved technology. Upgrading drives for Dryer, bucket elevators, installation of new piping, pre-heaters and higher efficiency scrubber nozzles. Also enhanced infrastructure to handle the additional quantity of raw materials, bulk and finished products. We have done the plant expansion after obtaining the necessary Environmental clearance from the MoEFCC and APPCB. Reference EC: - Failboch 11011/388/2006-IA Ib (I) data 18.05.2007 and F Io.

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986 NABL Accredited Laboratory (Certificate No. TC-12956)

EIA Consultancy Accredided by NABET, Quality Council of India.



* Labs and Consultants

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office: # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001. Ph.: (O) 0891-2748699, Cell: 9849033397, E-mail: teamlabsvizag@gmail.com

S. NO	CONDITION	COMPLIANCE STATUS
	· · · · · · · · · · · · · · · · · · ·	June 10, 2009.
11)	The project authorities shall install efficient scrubbing system to control fluorine emission and bag filters for dust control in phosphoric acid plant.	-Complied Installed fume scrubber a phosphoric acid plant to reduce the fluorine emissions and Bag filters a Rock-grinding Section to meet the norms specified by the statutory authorities.
iii) 、	Multi stage scrubbing system shall be installed to control ammonia, fluorine and suspended particulate matter in fertilizer plant.	Complied Multi-stage (Four-stage) scrubbing system was incorporated for 'A' &'B Trains in the year 2001 and for C- Train, in the year 2000. Presently, the emissions of ammonia and fluoride from all the stacks are within the limits specified by the statutory authorities. Monitored values of the fluc: Se emissions found to be below 4 mg/Nm3 from the stack of phosphoric acid plant are being submitted to APPCB. The gaseous emissions are being monitored on a continuous basis with in house laboratory. Further, MoEF approved third party analysis is also being carried out on monthly basis and the reports are submitted regularly. Complex A, Complex-B & Complex C train were installed with online stack analyzer and the state is

Coromandel International Limited, Visakhapatnam

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

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S.	CONDITION	COMPLIANCE STATUS
<u>NO</u>		uploading to APPCB& CPCB websites through cloud server.
		SAP-I & SAP-II installed with online stack analyzer and connected to CPCB & APPCB websites.
		Phosphoric acid and rock grinding units were installed with PM Online stack analyzers. The HF analyzer is also installed at Phosphoric acid plant.
		All the analysers are connected to APPCB & CPCB websites.
iv)	The project authority shall install dust	Complied
	collection system in fertilizer bagging plant.	Industry implemented Pipe reactor technology for improving the granulation and reduce the dust
42		level. Following additional Measures adopted to reduse dust emissions
	•	Additional product dust screens are arranged to remove the dust even before it reaches bagging plant.
		Product granulation aids (chemicals) are added to increase the granule strength as a result the product dust formation drastically reduced.
		Added de-dusting and scrubbing system for recovery of this in the
	(ENGINEERS & CONSULTANTS IN NABL-Accredited L	POLLUTION CONTROL # 51
La	aboratory Recognised by Ministry Environment, Fo EIA Consultancy Accredided by NAB	rests and Climate Change, Gol, New Delhi

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S.	CONDITION	COMPLIANCE STATUS
<u>NO</u>		granulation plant.
v)	The Sulphuric Acid Plant shall be based on double conversion double absorption technology and anodically protected acid coolers shall be provided. Start-up scrubbers shall be installed in both Sulphuric acid plants to minimize SO ₂ emission during start-up.	installation of bag filters avoided in the bagging section as the product ishygroscopic in nature. Complied The Sulphuric Acid Plant are based on double conversion double absorption technology and alka scrubbers Installedin in the Sulphuric acid plants and emission values of SO ₂ are below the norm prescribed by APPCB.
vi)	The project authority shall install high efficiency scrubber nozzles, additional tail gas scrubber, improve the scrubber efficiency by optimizing the L/G ratio, install additional cyclones in scrubbing system, and install mist eliminators in scrubbers.	Coimplied Installed higher-efficiency scrubbe nozzles. Improved L/G ratio throug installing higher capacity scrubbe circulation pumps and standb cyclones kept in place to prevent the dust emissions.
vii)	Permission of the competent authority shall be obtained for drawl of additional quantity of 250m ³ /d existing Tatipudi and Meghadrigedda reservoirs.	Complied No additional water is required fro Municipal Corporation and existin quantities (De-desalination pla and GVMC) are adequate to me additional requirements.
viii)	The gaseous emissions (SO ₂ , SO ₃ , NOx, NH ₃ , F, fertilizer dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned	All the applicable gaseo
	the standards prescribed by the concerned	parameters including that

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S .	CONDITION	COMPLIANCE STATUS
NO		
	authorities from time to time. Emission data shall be periodically monitored and reports submitted to Ministry's Regional Office, CPCB and SPCB.	Fluorides are monitored vide online OCEMS and are connected to the APPCB & CPCB and found to be within the limits. Necessary interlocking are in place to limit the emission within the limits.
		Regular 3 rd party monitoring reports are submitted to the concerned autrhoroties. A copy of the acknowledgment herewith is enclosed as Annexure - 01
ix)	All the wastewaters generated from the various processes shall be recycled / reuse in the plant and zero discharge shall be maintained. The domestic wastewater shall be treated in septic tanks and treated waste shall be used for irrigation in the greenbelt.	Complied Effluents from Sulfuric acid & Phosphoric acid are being treated in effluent treatment plant and recycled back in process. To achieve Zero effluent discharge from complex fertilizer plant. Sewage treatment plant was installed for domestic wastewater treatment and the treated water is used for plantation.
x)	The proponent shall not withdraw groundwater for the plant and if it requires, the permission from the competent authority CGWA / SGWB shall be obtained.	
xi)	The company shall develop the greenbelt in atleast 25% land area to mitigate the effect of fugitive emissions and noise as per the guidelines CPCR.	Out of the 429 percent the revised

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S.	CONDITION	COMPLIANCE STATUS
NO		Photographs of the plantations are attached in Annexure-02
xii)	The company shall implement all the recommendations made in the Charter on	
`	Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries	A copy of the submitted half-yearly CSR report is enclosed in Annexure – 03

B) GENERAL CONDITIONS:

	CONDITION	COMPLIANCE STATUS
i)	The project authorities shall strictly adhere to the stipulations of the SPCB/state	Noted and Complied by Industry
ii)	government or any statutory body. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Being Complied No further expansion would be taken up without prior environment clearance.
iii)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Industry In case of any upset in the process resulting in increase of emissions the plant shall be stopped immediately for taking necessary actions.
	The locations of ambient air quality	Complied

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	CONDITION	COMPLIANCE STATUS
	monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Industry installed 03 numbers of online ambient air monitoring stations and also appointed NABL accredited and CPCB recognized Third party Laboratory for monitoring the ambient air quality at 05 Locations. The reports are being submitted regularly.
V)	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.	Complied Installed stacks to the scrubbers as per the CPCB guidelines. Scrubbing liquid generated in the complex plant is reused in the process. ETP provided to treat the effluent. In Phosphoric acid plant, the fluoride recovery is done converting it to Hydro-flouro silicic acid.
vi)	All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N ₂ blanketing and secondary condensers with brine chilling system shall be provided for all the storage tanks to minimize vapor losses. All liquid raw material shall be stored in storage Tanks and Drums.	Installed atmospheric ammonia storage tanks to store ammonia. Ammonia sensors are located at
vii)	 The company shall undertake following Waste Minimization measures. Metering and control of quantities of active ingredients to minimize waste. Reuse of by-products from the process as raw materials or as raw material 	Following measures taken for wasteminimization

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*	Coromandel International Limit	ted, Visakhapatnam
ر 	CONDITION	COMPLIANCE STATUS
	substitutes in other processes Use of automated filling to minimize spillage.	Installed grinding unit to recycle filter cake into granulation plant
		Constructed acid recovery pits to reuse in the process
9		Identified dedusting points and connected to cyclones
64 ; 14		Water meters and energy meters provided to water lines and pollution control equipment.
		Installed pipe conveyors to transfer rock phosphate.
	Use of "Close Feed" system into batch reactors.	_ to the industry.
	 Venting equipment through vapor recovery system. Use of high-pressure hoses for 	_
	equipment cleaning to reduce	×
	(iii) Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	copy of the third-party fugitive emission monitoring reports herewith is enclosed asAnnexure - 04
	x) The project authorities shall strictly compl with the rules and guidelines under	
	Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 a amended in October, 1994 and January 2000 and Hazardous Waste (Managemen and Handling) Rules, 1989, as amende	MSIHC Rule 1989 as amended in 2000 and also the Hazardous waste at management rules 1988.
	from time to time. Authorization from in SPCB shall be obtained for collection	Consent Authorization CCA (Combined
	(ENGINEERS & CONSULTANTS NABL Accredited	I shorstory
	Laboratory Recognised by Ministry Environment, F EIA Consultancy Accredided by NA	orests and Climate Change, Gol, New Denn

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— î	CONDITION	COMPLIANCE STATUS
	hazardous wastes.	is valid up to 31.08.2027
		A copy of the CFO is enclosed in Annexure - 05
*)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noise monitoring is being carried out and the noise levels are within the prescribed norms. A copy of third-party noise monitoring reports are herewith is enclosed asAnnexure - 06
d)	The company shall develop rainwater- harvesting structures to harvest the run off water for recharge of ground water.	Rain water harvesting is not feasible as the plant is very close to the sea and water table is very high in the area. However collection pit provided for the collection of the storm water and recycling it in the process to conserve the fresh water.
xii)	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	
- ان ا		Regularly Industry conducting Annual medical check-up for employees and contract workmen according to Factories act

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\$		CONDITION	COMPLIANCE STATUS
-			Complied.
ë d	xili)	developmental measures including	A copy of the submitted half-yearly
ø		community welfare measures in the project area for the overall improvement of the environment. The eco-development plan	CSR report is enclosed in Annexure – 03
		should be submitted to the SPCB within three months of receipt of this letter for approval.	Noted and being complied
6	xiv)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA / EMP report.	
*	XV)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate environment management cell at the corporate level headed by AVP, HSE & A
*			separate environment cell plant level headed by Plant EHS level are in place. Industry appointed NABL & MoEFCC accredited Lab to carry out the Environmental monitoring regularly
	xvi)	The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	
•	xvii)		Compliance reports are sen regularly and the same are uploaded to me company website
			and a second
	<u> </u>	(ENGINEERS & CONSULTANTS I	N POLLUTION CONTROL
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r	CONDITION	COMPLIANCE STATUS
	submitted to monitoring agencies and shall be posted on the website of the Company.	The company website link is <u>https://www.coromandel.biz/</u> A copy of the submitted Half yearly is enclosed in Annexure – 07
xviii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied Advertised in prominent news papers in local language and also English, and copies were forwarded to Regional Office, MoEF, Bangalore and SPCB.
xix)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	All the projects were completed by

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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel: 91-891-2578400 DID: 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN: 37AAACC7852K1ZC

EHS/MoEF/2025 - 067

31/05/2025

TC - Gate The Director, Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-600034.

Dear Sir,

Sub: Half Yearly EC (Environment Clearance) Compliance Report- regd.

Ref: F. No. J-11011/548/2008-IA-II(I) dated 10.06.2009

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for manufacturing of Customized Fertilizer Plant of two streams of 300 MTPD each.

Period of submission : Oct 24 to Mar'25 Unit : Coromandel International Limited, Visakhapatnam

Thanking You,

For Coromandel International Limited

M. Gnanasundaram VP – Head Manufacturing

DN Encl : a/a

CC: The Member Secretary, Head Office-APPCB, Vijayawada Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



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From:		Nagarjuna-P-Mgr-EHS-Vizag-Coromandel
Sent:		02 June 2025 15:17
То:		'eccompliance-ap@gov.in'; APPCB RO, VSP; zovspappcb
Cc:		Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel; EHS2-Vizag-Coromandel;
		Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
		AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:		Half Yearly EC (Environment Clearance) Compliance Report- regd.
Attachments:	•	MoEF Comtomized fertilizer plants (Oct - 2024 to March -2025).pdf

Dear Sir,

Ref: F. No. J-11011/548/2008-IA-II(I) dated 10.06.2009

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for manufacturing of Customized Fertilizer Plant of two streams of 300 MTPD each.

Period of submission : October -2024 to March -2025 Unit : Coromandel International Limited, Visakhapatnam

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F: +91 891-2578400 W: www.coromandel.biz

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A MURUGAPPA GROUP COMPANY

MoEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by MoEF for Manufacture of Customized Fertilizer plant of two streams of 300 MTPD each

Ref: F. No. J-11011/548/2008-IA-II(I) dated June 10, 2009

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For the period from Oct-2024 to March-2025

A.) SPECIFIC CONDITIONS:

,	S.NO.	CONDITION	COMPLIANCE STATUS
	i)	The company shall comply with all the conditions mentioned in the environmental clearance issued to the existing plant vide Ministry's letter F.No.J-11011/314/2007-IA.II(I) dated 31st August, 2007 for expansion of the fertiliser plant from 2700 to 3900 TPD	Complied The all the conditions stimulated vide E C No: F.No. J-11011/314/2007- IA.II(I) dated 31st August 2007 are being complied and separate complied reports are submitted regularly to the ministry.
	ii)	The projects authorities shall ensure zero discharge from the proposed plant. The wastewater generated for the existing plant shall be treated and disposed as per the standards prescribed by the Andhra Pradesh Pollution Control Board. No utilities shall be developed for this project.	Noted & complied
	iii)	The project authorities shall not manufacture the raw materials as this plant will be based on mixing process only.	Noted
`	iv)	The project authority shall install dust collection such as cyclone system in fertilizer mixing and bagging plant to control particulate emissions.	Complied Installed cyclones in series for each circuit to eliminate dust emissions
	V)	The company shall carry out air quality monitoring at vents/stacks and regular monitor the gaseous emissions along with particulate matter. The reports shall be submitted to the Ministry's Regional Office at Bangalore, CPCB, and SPCB	Presently customized Plant is not in operation however monitoring will be carried out, and reports will be submitted once the operation resumes. The ambient air monitoring data Half yearly submitted to the concerned authorities

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S.NO.	CONDITION	COMPLIANCE STATUS
vi)	The gaseous emissions (SO ₂ , No _x , NH ₃ , Urea dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Emission data shall be periodically monitored and reports submitted to Ministry's Regional Office at Bangalore, CPCB and SPCB.	Presently customized Plant is not in operation however monitoring will be carried out, and reports will be submitted once the operation resumes. The ambient air monitoring data Half yearly submitted to the concerned authorities
vii)	Data on ambient air quality, stack emissions and fugitive emissions shall be regularly uploaded on the website of the company and submitted on-line to the Ministry's Regional Office at Bangalore, Andhra Pradesh Pollution Control Board (APPCB) and Central Pollution Control Board (CPCB) as well as hard copy once in six months. Data on SPM, SO2 and NOx shall also be displayed outside the premises at the appropriate place for the general public.	Complied We are uploading the half-yearly compliance report of the company website which also includes data on ambient air quality stack monitoring etc. The reports are forwarded to the concerned regional office of the MoEF & SPCB, and CPCB on a half- yearly basis. We have Installed a display board at our main gate where the monitoring data are displayed for the public.
viii)	the company shall develop the green belt in 33% area, out of total area to mitigate the effect of fugitive emissions and noise as per the guidelines of CPCB	Complied Out of the 428 acres, the revised land area is 313 (after demarking from VPT) and the green belt is developed in 120 acres area which is more than 33%. The plantation photographs are attached in Annexure - 01
ix) `	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries for existing and proposed plant	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 02

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	COMPLIANCE STATUS
Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	Complied Annual health checkups being conducted for employees and contract workmen according to the Factories act and Records are maintained.
The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied The plant has full full-fledged firefighting system and also has an agreement for mutual aid with neighboring industries. Periodic mock drills are carried out to ensure preparedness
Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied Presently post completion of the project no temporary structures are envisaged inside plant however the necessary amenities like toilets, safe drinking water, medical treatment etcare available inside the plant premises for all the Employees and Workmen
ERAL CONDITIONS	······ ·······························
The project authorities shall strictly adhere to the stipulations of the SPCB / State Government or any statutory body.	Agreed
The gaseous emissions (SO2, HCL, NOx, NH3, Fertiliser dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Emission data shall be periodically monitored and reports submitted to Ministry's Regional Office, CPCP and SPCP.	Presently customized Plant is not in operation however monitoring will be carried out, and reports will be submitted once the operation resumes.
	workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. ERAL CONDITIONS The project authorities shall strictly adhere to the stipulations of the SPCB / State Government or any statutory body. The gaseous emissions (SO2, HCL, NOx, NH3, Fertiliser dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned suthorities from time to time. Emission data shall be periodically monitored and reports

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S.NO.	CONDITION ~	COMPLIANCE STATUS
iii)	All the waste waters generated from the various processes shall be recycled/reused in the plant and zero discharge shall be maintained. The domestic waste water shall be treated in septic tanks and treated waste shall be used for irrigation in the green-belt.	Complied Zero effluent discharge from customized plant and developed & implemented schemes to make minimize effluent from phosphoric acid & Sulfuric acid plants
iv) 、	plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted
V)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Noted
vi)	The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Complied We have installed 03 numbers of online ambient air monitoring stations and we have also monitored the ambient air through a third party at 05 Locations. The reports are submitted regularly.
vii)	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubber water shall be sent to ETP for further treatment.	Complied Stacks & scrubbers have been installed according to CPCB guidelines. Scrubbing liquid recycling into the process

S.NO.	CONDITION	COMPLIANCE STATUS
viii)	Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	Complied A copy of the third-party fugitive emission periodically conducted report is enclosed in Annexure - 03
	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals rules, 1989 as amended in the October, 1994 and January 2000 and Hazardous Waste (Management and Handling) Rules, 1989 as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	We are complaining with the MSIHC Rule 1989 as amended in 2000 and also we are complaining with the Hazardous waste management rules 1988. We have obtained CCA (Combined Consent Authorization) from APPCB is valid up to 31.08.2027 A copy of the CFO is enclosed in Annexure - 04
X)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers,	Complied Though overall noise levels are kept within the limit always. Noise monitoring is being carried out and the noise levels are within the prescribed noise standards. A copy of the third-party noise analysis reports is enclosed in Annexure - 05
xi)	The company shall develop rainwater harvesting structures to harvest the run-off water for recharge of groundwater.	The ground water table is very high a the plant location is very near to the sea. Construction of rainwater harvesting is difficult. However, we have developed a collection pit for surface runoff water the collected water is recycled back to conserve the water

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S.NO.	CONDITION	COMPLIANCE STATUS
ii)	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.	The details of CSR & Eco- development are given as an Enclosed in Annexure - 02
×iii)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.	Noted and complying. All the Environmental protection measures are in place to prevent emissions
xiv)	A 'separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental management and Monitoring functions	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS level are in place. We have engaged NABL & MoEFCC accredited Lab to carry out the Environmental monitoring regularly
XV)	The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	
xvi)	The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional- Office of the Ministry/SPCB/CPCB. A six- monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Complied Compliance reports are sent regularly and the same are uploaded to the company website. The company website link is <u>https://www.coromandel.biz/sustaina</u> <u>bility/environment</u> A copy of the suomitted Half yearly is enclosed in Annexure - 06

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S.NO.	CONDITION	COMPLIANCE STATUS
xvii)	State Pollution Control Board should display a copy of the clearance letter at the Regional office, Gram Panchayat, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.	Complied
xviii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB and may also be seen at Website of the Ministry at <u>http://envfor.nic.in</u> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be ² in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied Advertised in prominent newspapers in the local language and also English and copies were forwarded to Regional Office, MoEF, Chennai and SPCB.
xix) *** *	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted

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COROMANDEL INTERNATIONAL LTD. VISAKHAPATNAM. GREEN BELT PHOTOS







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Coromandel International Limited Post Box No. 1116, Sriharlpuram, Malkapuram Post Visakhapatnam - 530 Oll, Andhra Pradesh, India Tel: 91-891-2578400 DID: 91-891-2578400 DID: 91-891-2893+Extn No Website : www.coromandel.biz CIN_L24120AP1961PLC000B92 GSTIN: 37AAACC7852K1ZC

30-04-2025

EHS/APPCB/2025 - 54

То

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

1 - <u>11-</u>

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

Dear Sir,

This has reference to above mentioned subject, we are submitting the detailed report of CSR/CER activities carried out by Coromandel International Limited, Vizag during the period from October 2025 to March 2025.

We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

The above submission is in line with EC compliance & Record please.

Thanking you,

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Yours faithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

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Annexure -2

Coromandei International Limited Post Box No. 1116, Sriharlpuram, Malkapuram Post Visakhapatnam - 530 Oli, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Exta No Website - www.coromandel.biz CIN L24120AP1961PLC0D0892 GSTIN : 37AAACC7852K12C

30-04-2025

EHS/APPCB/2025 - 54

To 🚙

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

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We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

The above submission is in line with EC compliance & Record please.

Thanking you,

Yours faithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

NÁG/DNR

Enclosure: CSR/CER Report Copy: RO, APPCB, Visakhapatnam



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Ant: 55.46. Taxi8.46. Ant. Paid: 5.00(Cash)

(Track on www.indiacost.cov.an)



Tel 91-40-27842034 / 278-17212 Fax - 91-40-27844117 E-mail : mail@coromendel.murughepa.com



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Annexure -3

<u>TEAM</u>

ORIGINAL

Form-No TCL/UGF/RF-138

Labs and Consultants

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST	
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Test Report No		TLC/V/Env/CIL/33/102	24	dt.01.11.2024
Description of Test	Fugitive Emissions at workplace-SPM			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	As provided below			
Period of Collection	OCTOBER-2024			
Duration of sampling	8 hr.			
Protocol	1S5182 Part 23	1S5182 Part 23		
S No.	Plant/Depart ment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust
		Near granulator	1.6	
I	A-TRAIN	Bins area	1.7	1
ا		Screen Section	1.9	
		Recycle Conveyor	1.6	
M 1975		Near granulator	1.8	
2	B-TRAIN	Bins area	1.4	
		Screen Section	1.5	
		Recycle Conveyor	1.9	
3	C-TRAIN	Near granulator	2.2	15.0 mg/m3
		Bins area	2.0	
		Screen Section	2.1	
		Recycle Conveyor	2.0	
` 4	PAP - 1	Reactor area (PAP- 1)	1.5	
		Dust Bins area (PAP-I)	1.6	
		Head drum area (PAP-1)	1.7	
		RG-1 (OBM)	1.9	

For TEAM Labs and Consultants

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TEAM	ORIGINAL			Form-No. TCL/L/GF/RF-	
Labs and Consu B-115, 116, Ph : (0) 0	117 & 509, Anr 40-23748555 /	Registered Office hapoorna Block, Aditya Encla 23748616, Fax : 040-23748 nistry of Environment, Fores NABL Accredited Labor	ave, Ameerp 1666, Email : Its and Clima	(eaniabs@gmail.com	
		TEST REPORT			
Test Report No		LC/V/Env/Ci1/33A/1024		dt.01.11.2024	
Description of Test		nissions at workplace-Sl	PM		
Name of the client		International Limited, Visak			
Location of sampling	As provided t	······································			
Period of Collection	OCTOBER-2024				
Duration of sampling	8 hr. 185182 Part 2	·····			
Protocol S No.	Plant/Depar tment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr allowed per OSHA For total dust	
5	PAP-2	Reactor area (PAP-2) Dust Bins area (PAP-1) Head drum area (PAP-1) RG-2 (OBM)	1.3 1.6 1.9 1.4		
6	SAP- 1,2,3	Melter Area (SAP-1) Rock Feeding Area (SAP-1) RMH Area (SAP-1) Melter Area (SAP-1) Rock Feeding Area (SAP-2) RMH Area (SAP-2) Melter Area (SAP-3) Rock Feeding Area	2.1 2.1 1.9 1.7 2.0 2.1 2.2 1.8 1.4	15.0 mg/m3	
	1		For TEAN	A Labs and Consultants Consultants	

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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Dethi NABL Accredited Laboratory



Test Report No	TLC/V/Env/CIL/33B/1024 dt.01.11.2024			
Description of Test	Fugitive Emissions at workplace-SPM			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	As provided below			
Period of collection	OCTOBER-2024			
Duration of sampling	8 hr.			
Protocol	IS5182 Part 23			
S No.	Plant/Dep artment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr allowed per OSHA For total dust
	1	PH Maintain Godown	1.8	
7	Bagging Plant	BP-2 Godown Area	1.7	
		Auto bagging (BP-1)	2.0	
		Auto bagging (BP-2)	1.9	
8	Treatment	ETP Entrance	1.6	
	Plants	STP Entrance	1.4] [
	Raw	Rock Godown Near 40P	. 1.8.	
9	Material Storage	Sulphur Godown Near Garage	2.1	15.0 mg/m3
74. 	area	Urea Godown at Baggiug Plant	2.2	




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Form-No. TCL/L/GF/RF-138

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For TEAM Labs a



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<u>ORIGINAL</u>

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory -



Test Report No		TLC/V/Env/CIL/35/10	24	dt.01.11.2024			
Description of Test	Fugitive F	Emissions at workpl	ace-SO2				
Name of the client	Coromande	Coromandel International Limited, Visakhapatnam					
Location of sampling	As provided	i belaw					
Period of Collection	OCTOBER	-2024			- - -		
Duration of sampling	8 hr.	······································					
Protocol	IS5182 Part	123					
S Na.	Plant/Dep artment	Location/area	Result SO2 mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust			
· · · · · · · · · · · · · · · · · · ·	l	IAT Area	1.6				
	1 SAP-1	Furnace Area	2.0				
1		Hot Gas Filter Area	2.1				
				1.9			
		IAT Area	2.0				
_		Furnace Area	1.6				
2		Hot Gas Filter Area	1.4				
	J.	Scrubber Area	1.3				
		IAT Area	2.1	5.24 mg/m3			
•	SAR 7	Furnace Area	2.3	_			
3	SAP-3	Hot Gas Filter Area	1.6				
		Scrubber Area	1.4				
		Molten Sulphur Storage Area	0.9				
4	Wharf Area	Sulphuric Acid Storage Area	0.8				
	L		 Er	or TEAM Labs and	A sean		

Annexure -4



ANDHRA PRADESH POLLUTION CONTROL BOARD Dr. YSR Paryavaran Bhavan, APHC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520007 Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/



___RED CATEGORY CONSENT TO OPERATE & AUTHORIZATION ORDER

Consent Order No : APPCB/VSP/65/CFO/HO/1967 - Dt. 04/08/2023

CONSENT is hereby granted to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', `the Rules') to:

M/s. Coromandel International Limited, (After Expansion) Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011 Email : nagarajud@coromandel.murugappa.com ; mishraVK@coromandel.murugappa.com ; nagarjunap@coromandel.murugappa.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
	Process and Washings	1,800	 Process effluents shall be recycled / reused within factory premises to achieve Zero discharge except during rainy season In case of low load plant operations and during rainy season, the quantity of effluent generated from Phosphoric acid post enhancement is 1800 KLD which shall be treated in the existing ETP plant and discharged along with once through cooling blow down through Meghadrigedda surplus course that joins Bay of Bengal
	Cooling tower blow down & Desalination Plant RO Rejects	91,600	Into Meghadrigedda surplus course that joins Bay of Bengal
3.	Domestic		The industry treat the waste water in the STP, after treatment in the STP the treated waste water shall be Recycled / reused within the factory premises.
	Total	93,930	

i) Out lets for discharge of effluents:

Chimne No.	ey Description of Chimney	Quantity of Emissions in m3/hr. at peak flow
1.	Attached to 1700 TPD Sulphuric Acid Plant	1,15,357Nm ³ /h
<u>′ 2.</u>	Attached to 400 TPD* Sulphuric Acid Plant	33,333 Nm ³ /h
× 3.	Attached to 700 TPD Phosphoric Acid Plant	1,82,000 Nm ³ /h
4.	Attached to 40 TPH Rock Grinding unit	15,000 m ³ /hr
5.	Attached to 20 TPH Rock Grinding unit	15,000 m ³ /h
6.	Attached to Complex A-Train	2,60,700 Nm ³ /h
7.	Attached to Complex B-Train	2,60,700 Nm ³ /h
8,	Attached to Complex C-Train	2,67,850 Nm ³ /h
9.	Common stack attached to Drier (2 Nos.) & process coolers (2 Nos) of 300 TPD customized fertilizer	
/ 10.	Attached to 1.5 TPH Oil Fired Boiler	12,000 Nm ³ /h
· 11.	Attached to 4 MW D.G. Set	•
12.	Attached to 4 MW D.G. Set	-
13.	Attached to 900 TPD Phosphoric Acid Plant	35,000 Nm3/Hr
14.	Attached to 75 TPH Rock Phosphate grinding Unit	30,000 Nm3/H
15.	Attached to 40 TPH Coal Fired Boiler (6.7 MW) & Back pressure Turbine 5 MW	67,200 Nm3/H
16.	Attached to 910 KVA D.G. Set	· · · · · · · · · · · · · · · · · · ·
17.	Attached to 2000 TPD SulphuricAcidPlant-3	1,61,000 Nm3/H
18.	Attached to 500 KVA D.G. Set	
19.	Attached to 750 KVA D.G. Set	

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iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)]: M/s. Coromandel International Limited, Sriharipuram, Malkapuram, Visakhapatnam District, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

S.No	Name of the waste	Stream	Quantity	Disposal Option
1.	Acid residues (Tank bottom sludge)	34.2 of Schedule-I	60 TPA	Recycle back into phosphoric acid reacto r
2.	Sulphur muck (Sulphur sludge)	Class B (Sl.No.37) of Schedule-II	1500 TPA	Recycle back into the process as a filler material in the granulation plant
3.	Spent catalyst	18.1 of Schedule-I	115 TPA	Shall be routed through APEMC, to Authorised Reprocessors / Recyclers / TSDF, Parawada / Pre – processors
4.	Used lubricating oil/drained oil	5.1 of Schedule - I	60 KLPA	Shall be routed through APEMC to Authorised Reprocessors / Recyclers

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	Detoxified Containers and container liners	33.1 of Schedule-I	15000 Nos/Anum	Shall be routed through APEMC to TSDF for detoxification and disposal / outside agencies / return to dealers, after detoxification
6.	LSHS Sludge	34.2 of Schedule-I	15TPA	Shall be routed through APEMC to cement industries for co-processing / TSDF, Parawada / Pre – processors
7.	Scrubbing sludge	37.1 of Schedule-I	450 TPA	Reuse back in the process
8.	ETP sludge	35.3 of Schedule –I	1200 TPA	Recycle back into process
9.	Off specified , expired chemicals & lab chemicals etc.	28.4 of Schedule – I	50 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for incineration /Landfill /Authorised Cement Industries for Co- Processing
10.	Glass wool	33.2 of ScheduleI	8 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for Landfill
11.	Insulation puf	33.2 of Schedule –I	8 TPA	Shall be routed through M/s. APEMCL to TSDF Parawada for Incineration

OTHER THAN HAZARDOUS WASTE WITH DISPOSAL OPTION

S.No	Name of the waste	Quantity	Disposal Option
1.	e-waste	25 TPA	Authorised e-waste recyclers / dismantlers
2.	Fly ash	25 TPD	To cement industries / brick manufacturing units`

The Consent Order No. APPCB/VSP/65/CFO/HO/1967 dated 30.09.2022 and amendment of CTO dt. 01.02.2023 valid upto 31.08.2027 stands cancelled from date of issue of this order. This consent order is valid to manufacture the following products along with quantities indicated only:

S.No.	Products	Quantity
1	Complex Fertilisers	· · · · · · · · · · · · · · · · · · ·
	Customized Fertilizer plant (Customized Fertilizersor Organic Fertilizersor Bio Stimulantsor Soil conditioners or Mixture of rertilizers) (or)	4210 TPD*
3	Water soluble fertilizer plant	
	100% Water soluble complex fertilizers/ 100% water soluble mixture of fertilizer (or)	
	Micronutrient mixtures (powder/ liquid/ granular) (or)	
	Chelated Micronutrients (powder/ liquid/ granular) (or)	

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	Urea Phosphate (or)	
	Micronized / Nano Sulphur	
4.	H ₂ SO ₄	4100 TPD (SAP1 – 1700 TPD & SAP2-400 TPD, SAP3- 2000 TPD)
5	Bentonite Sulfur /Bentonite Sulphur with micronutrients	200 TPD
6	Phosphoric Acid	1600 TPD
7	Fertilizer Technology Centre (Granulation) – Straight or Complex or Fortified or Organic or Bio stimulants or Soil conditioner or Mixture of fertilizers	A
8	Fertilizer technology centre - Phosphoric acid	0.83 TPD
9،	Sulpho Zinc & Sulpho Boron	50 TPD
10	Liquid Fertilizer plant – Liquid Suspension or Liquid solution of primary nutrients (N,P,K)/Micronutrients/Secondary nutrients / Organics/Bio Stimulants/Nano fertilizers	
11	Desalination Plant	6 MLD
By-Pı	roducts:	
12	Gypsum	8000 TPD
13	Hydroflorosilicic Acid	40TPD
Bulk	storage facilities at site	
14	Ammonia (1x5000 MT + 1x7500 MT)	12500 MT
15	Sulphuric acid (1X4000 MT + 3X 2500MT) + 4 x5000MT + 2 X 12500 MT	56500 MT
16	Phosphoric acid (P ₂ O ₅)	32890 m3 (2 X 310 m3 7 X 610 m3 + 7 X 1000 m3 + 3 X 3000 m3 + Wharf - 2 X 6000 m3 + 12000 m3)
17	Molten sulphur **	18000 MT (2 X 7500 MT these two storage tanks located at wharf area + 2 X 1500 MT)
18	LSHS	1193 KL (2 X 500 KL + 1 X 160 K + 33 KL)
19	Diesel	96 KL (2 X 10 KL + 1 X 16 KL +) KL)

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20	Kerosene	1 X 50 KL	
21	LPG	870 Kg	

* The industry shall produce either individual fertilizers or combination of the fertilizers at any point of time without increase in the total permitted capacity of fertilsers 4210 TPD.

** Molten sulphur capacity 2 X 7500 MT as per CFE dt.18.11.2021.

Note: The industry has dismantled Petrol tank and same was deleted.

This order is subject to the provisions of `the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent to operate & Hazardous Waste Authorisation shall be valid for a period ending with the 31st day of August, 2027.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

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M/s. Coromandel International Limited, Sriharipuram, Malkapuram (PO) Visakhapatnam - 530 011

Copy to:

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1. The JCEE, Zonal Office, Visakhapatnam for information and necessary action.

2. The EE, Regional Office, Visakhapatnam for information.

<u>SCHEDULE – A</u>

- 1. Any up-set condition in any industrial-plant/ activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District
- $^{
 m see}$ Magistrate and take immediate action to bring down the discharge / emission below the limits.
 - 2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
 - 3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
- 4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.

5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

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6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.

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7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

- 8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
- **9.** The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
- **10.**The industry may explore the possibility of tapping the solar energy for their energy , requirements.
- 11.The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE - B

The issue CTO &HWA (Expansion) to the industry was placed in the Consent Management Committee meeting held on 25.07.2023. <u>The industry shall comply with the following conditions:</u>

- **1.** The industry shall provide permanent pipe line arrangement for lifting leachate generated from ETP sludge storage shed to the ETP for treatment.
- 2. The industry shall maintain good housekeeping within the factory premises.
- 3. The industry shall upgrade STP to treat the domestic wastewater of 530 KLD, until then the industry shall restrict the wastewater generation to 300 KLD, as the industry is having STP of capacity 300 KLD only to treat the wastewater.
- 4. The industry shall furnish emission loads of SO2 & acid mist for all Sulphuric acid

plants.

5. The industry shall develop balance greenbelt with native species of the total area within 3 months to achieve 33% of greenbelt.

WATER POLLUTION:

6. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below:

Outlet	Parameter	Limiting Standards]
1&2	pH	6.5 - 8.5	1
	Ammonical Nitrogen	50 mg/l	1
	Free Ammonical Nitrogen	4.0 mg/l	1
	Total Kjeldahl Nitrogen	75 mg/l 🐦	1
	Nitrate Nitrogen	20 mg/l	1
	Cyanide as CN	0.1 mg/l	1
	Vanadium as V	0.2 mg/l	1
	Arsenic as As	0.2 mg/l	1
	Phosphate as P	5 mg/l	1
	Suspended solids	100 mg/l	1
	Oil and Grease	10 mg/l	1
	Fluoride as F	10 mg/l	1
	Hexavalent Chromium as Cr	0.1 mg/l	1
	Total Chromium as Cr	2.0 mg/l	
1 🖘	BOD	30 mg/l	
	COD .	250 mg/l	
	Temp :- Not more than 5 ⁰ C higher than intake water.		1
3	pH	6.50 - 8.50	
	Oil and Grease	10 mg/l	
	Biochemical Oxygen Demand	30 mg/l	
	Total Suspended Solids	<100 mg/l	
	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100ml		

Note: (i) Chromium salt shall not be used in cooling tower as algaecide. (ii) The effluent shall be analysed for Vanadium and Arsenic once in a year and analysis report shall be submitted to the concerned State Pollution Control Board / Pollution Control Committee.

7. The source of water is GVMC, Sea drawl & Desalination Plant. The following is the permitted water consumption:

	<u></u>	
S.NO.	Purpose	Quantity (KLD)
1	Process & Washes	
	combination of both)	Total – 16600 (Existing 10,350 + SAP3-1800 + PAP- 2400 KLD) + Expansion= 2050 (SAP -
3	Boiler feed	650+ PAP-1400)

14	Domestic & Other		
	Subtotal	16600	
	Sea water (Industrial cooling & Desalination Plant of 6 MLD capacity)	84600+16000 = 100600	
· · · ·	Grand Total (kl)	1,17,200	

8. The effluent discharged shall comply with the tolerance limits mentioned as per MoEF notification dated 29.12.2017 prescribed for Fertilizer industry.

9. The industry shall maintain the following:

- a. Electro Magnetic flow meters with totalisers for water used and effluent generation for different purposes as mentioned in this CTO order.
- b. Proper records for effluent generation, treated, reused and discharged into meghadrigedda.
- c. Water flow meter at Leachate Collection pit provided for Gypsum storage yard to quantify the effluents recycled and shall maintain registers.
- 10. The effluents shall be stored in above ground level collection tanks separately.

11.Effluents shall not be discharged onland or any water bodies or aquifers or outside under any circumstances. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas. The industry shall maintain separate storm water drains and provide rain water harvesting structure.

- 12.Container, Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
- 13. The industry shall comply with the standard for fluoride (1.5 mg/l) in piezo well water samples and shall not exceed the standard
- 14.The industry shall submit details of maintaining temperature difference (DT) of 5⁰C before disposal to Sea via Megadri gedda every month.
- 15.The industry shall provide online effluent monitoring system for pH, BOD, COD, TSS, Phosphates, Fluorides, temperature with online connectivity to CPCB / APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015.
- 16.The industry shall ensure that no Fluoride contamination in two piezo wells and monitor piezo wells on monthly basis. The industry shall submit trends every ¹3 months to RO, Visakhapatnam.

AIR POLLUTION:

17. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emision Standards
	Acid mist	20 mg/Nm ³

1	SO ₂ SO ₃	1 Kg/MT of product 0.35 Kg/MT of product
2	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 0.65 Kg/MT of product 0.35 Kg/MT of product
3 & 13	Total Fluoride PM	20 mg/Nm ³ 50 mg/Nm ³
4,5 & 14	РМ	50 mg/Nm ³
6-8	Particulate Matter Fluorine Ammonia	45 mg/Nm ³ 4 mg/Nm ³ 165 mg/Nm ³
9	Particulate Matter	50.00 mg/Nm ³
11, 12	Particulate Matter	115.00 mg/Nm ³
15	PM	50.00 mg/Nm ³
17	Acid mist SO ₂ SO ₃	20 mg/Nm ³ 1 Kg/MT of product 0.35 Kg/MT of product

18.The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

19.The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 microns) - 100 micro gram/ m3; PM2.5 (Particulate Matter size less than 2.5 microns) - 60 micro gram/ m3; SO2 - 80 micro gram/ m3; NOx - 80 micro gram/m3, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 shall be complied. Following standards prescribed for noise shall be complied.

Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A)

Night time - (10 PM to 6 AM) - 70 dB (A).

- 20.The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
- 21. The industry shall properly maintain 400 MTPD evaporation system for Phosphoric

Acid including Fluorine recovery system as stipulated in the EC order dt.14.07.2017. The industry shall recover fluorine from phosphoric acid process to maximum extent possible.

22. The industry shall operate bulk handling mechanism like telescopic chute system at

- all raw material storage ware houses and ensure that there shall not be fugitive emissions from the raw material handling warehouses. The industry shall cover all directions of the feeding area of rock phosphate and rectify the fugitive leakages, if any.
- 23.The industry shall maintain online stack analyzers for all the stacks of complex fertilizer plant for monitoring ammonia, PM and fluorine and one analyser for , monitoring fluorine in Phosphoric Acid Plant with online connectivity to CPCB/APPCB as per CPCB directions dated 05.02.2014 and 02.03.2015. The inclustry shall maintain the online analyzer facility for monitoring of Fluoride in the Phosphoric Acid plant immediately. The data shall be connected to the CPCB / APPCB servers.
- 24.The industry shall maintain 3 online CAAQM Stations within the plant as per the specifications of CPCB for online monitoring of SPM, RSPM, SO2, NOx & Ammonia with networking facility to Head Office, APPCB.
- 25.The industry shall maintain automatic caustic lye solution dosage for the scrubbers provided in the Sulphuric acid plant so as to maintain pH below 8 in acidic scrubbers provided in the plant. The industry shall maintain online pH measuring facility with auto recording system to the alkali scrubbers provided to treat the sulfuric acid plant emissions.

GENERAL:

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- **26.**The industry shall not manufacture new products and not exceed the consented capacity without CTE/CTO of the Board.
- 27. The industry shall evaporate (concentrate) Phosphoric acid to reduce Fluorine so as to reduce fluorine input to complex fertilizer plant;
- 28.Housekeeping shall be improved through closed transportation systems. Road sweeping machine shall be deployed for control of dust near Gypsum yard.
- **29.**The industry shall maintain Hazardous waste storage area with concrete platform and leachate collection pit for storage of ETP sludge._____
- 30.The industry shall comply with the guidelines issued by the CPCB regarding storage & handling of gypsum.
- 31. The industry shall not start-up the Sulfuric acid plants during night time i.e. between 6.00 PM to 8: 00 AM.
- 32.The industry shall operate bag filters at hopper i.e. rock phosphate unloading point at wharf to arrest the fugitive emissions.
- 33. The industry shall maintain the internal roads within the factory premises.
- 34. The industry shall update the Disaster Management Plan regularly.

- **35.**The industry shall monitor work place online ammonia levels with online sensors in complex fertiliser plant and maintain records.
- **36.**The industry shall store fresh gypsum on HDPE lining at the wagon loading area.
- **37**.The industry shall submit concentration levels of Ammonia monitored by industry through sensors every month.
- 32. The industry shall ensure that there are no leaks in any unit operations and unit processes.
- **39.**The industry shall take proper measures to ensure the trucks with proper leak proof bodies are used for transportation of gypsum from the industry.
- **40.**The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
- a. Daily production details.
- b. Quantity of Effluents generated, treated, recycled.
- c. Log Books for pollution control systems.
- d. Characteristics of effluents and emissions.
- e. Hazardous/non hazardous solid waste generated and disposed.
- f. Inspection book.
- g. Manifest copies of effluents / hazardous waste.
- 41.The industry shall comply with the conditions stipulated in the CTE order No.65/APPCB/CFE/RO-VSP/HO/2012, dated 08.02.2020, 24.08.2022, 27.07.2022 & 22.11.2022
- 42.The industry shall update the information in OCEMS Industry Information Data Entry Software for Compliance Reporting Protocol in PART-II (Sections F & G) Every Quarter on 1st January, 1st April, 1st July and 1st October through this software system.
 - 43.The industry shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
 - 44. The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.
 - 45.The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the

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audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

46.Any other directions / circulars / notices / guidelines issued by CPCB, MoEF&CC ' and APPCB shall be followed from time to time.

47.The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Special conditions:

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48.The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional, Office, APPCB.

49. The industry shall prepare a safety report and carry out an independent safety audit

- report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
- 50. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment, and the details shall be , furnished to the Factories Department and the Regional Office, APPCB time to time , duly certifying the same by the industry. Further, the industry shall extend training to the working personnel while handling hazardous- chemicals for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
- **51.**The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
- 52.The industry shall inventory the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016) and shall furnish the details to Regional Office, APPCB on a monthly basis duly certifying the same by the industry.
- 53.The industry shall conduct Risk studies to be undertaken clearly describing impact within the industry premises and outside the industry premises and emergency response system.
- 54.The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage,

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Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.

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SCHEDULE - C

[see rule 6(2)] [CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

- **1**. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
- **3.** The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 4. Any unauthorised change in-personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
- 7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
- 8. The industry shall enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
- The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.

10. The industry shall not store hazardous waste for more than 90 days as per the

- ** Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
 - 11. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
 - 12.The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.
 - 13.The industry shall maintain 7 copy manifest system for transportation of waste

generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure

to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

14. The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, 'recyclable waste etc., and file annual returns in Form-4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

15.The industry shall route the all the hazardous wastes through M/s. APEMC. B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

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M/s. Coromandel International Limited, Post Box No. 1116,

Sriharipuram, Malkapuram(PO)

Visakhapatnam -530 011

Signed by B Sreedhar las Date: 04-08-2023 11:19:12 Reason: Approved

Annexure - 5

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Form-No. TCL/L/GF/RF-138

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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/0	DATE 01-11-2024		
Description of Test	Noise Level Monitoring	Noise Level Monitoring		
Name of the client	Coromandel Internation	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided			
Date of collection	OCTOBER -2024			
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)		
	1St Gate	50		
	2nd Gate	52		
	3rd Gate (Plant)	53		
	4th Gate	51		
Night	5th Gate	49		
TABIL	6th Gate	52		
	7th Gate	53		
	8th Gate	58		
	9th Gate	56		
	Contractor gate	52		
	LOCATION7 AREA	NOISE LEVEL LIMITI (75 dB)		
	1St Gate	66		
	2nd Gate	62		
1 00	3rd Gate (Plant)	68		
	4th Gate	61		
Day	5th Gate	65		
Day	6th Gate	67		
	7th Gate	62		
	8th Gate	66		
	9th Gate	69 *		
	Contractor gate	an Ang		

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TEST REPORT

Test Report No	TLC/V/Env/CIL/30C/1124	DATE 02-12-2024
Description of Test	Noise Level Monitoring	
Name of the client	Coromandel International Limited, Visakhapatnam	
Location of sampling	Asper details provided	
Date of collection	NOVEMBER - 2024	
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)
	1St Gate	50
	2nd Gate	54
	3rd Gate (Plant)	56
	4th Gate	52
	5th Gate	50
Night	6th Gate	52
	7th Gate	54
	8th Gate	51
	9th Gate	61
	Contractor gate	50
d <u>1999 - 20</u> 1999 - 20 1999 - 20 1999 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000		NOISE LEVEL LIMITI (75 dB)
	1St Gate	62
*	2nd Gate	60
	3rd Gate (Plant)	65
	4th Gate	61
Day	5th Gate	60
	6th Gate	65
	7th Gate	60
	8th Gate	63
	9th Gate	60
	Contractor gate	61

For Team Labs Consultants



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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/1224 DATE 31-12-2024		
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	DECEMBER-2024		<u></u>
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
	1St Gate		52
	2nd Gate		50
	3rd Gate (Plant)		55
	4th Gate		50
Mi-L4	5th Gate		48
Night	6th Gate		50
	7th Gate		52
	8th Gate		56
	9th Gate		55
	Contractor gate		50
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
	1St Gate		68
	2nd Gate		60
	3rd Gate (Plant)		67
	4th Gate	•	63
_	5th Gate		67
Day	6th Gate		65
	7th Gate		64
	8th Gate	1	68
	9th Gate		67
	Contractor gate		63



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TEST REPORT ۹.

Test Report No	TLC/V/Env/CIL/32C/12	5	DATE 1-02-2025
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	JANUVARY-2025	<u> </u>	
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
· · · · · · · · · · · · · · · · · · ·	·1St Gate	•	51
	2nd Gate		52
	3rd Gate (Plant)		53
	4th Gate		51
	5th Gate		50
Night	6th Gate		52
	7th Gate		56
	8th Gate		54
	9th Gate		53
	Contractor gate		51
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
	1St Gate		69
	2nd Gate		63
	3rd Gate (Plant)		65
	4th Gate		66
•	5th Gate		68
Day	6th Gate		67
	7th Gate		63
	8th Gate		66
1	9th Gate		65
	Contractor gate		64

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TEST REPORT

Test Report No	TLC/V/Env/CIL/31C/02	25	DATE 02-02-2025
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visaklapatnam		
Location of sampling	Asper details provided		
Date of collection	FEBRUIARY-2025		
7800	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
· · · · · · · · · · · · · · · · · · ·	1St Gate		50
	2nd Gate		52
	3rd Gate (Plant)	l'	53
	4th Gate		51
N11-1-4	5th Gate		49
Night	6th Gate		52
	7th Gate		50
	8th Gate		54
	9th Gate		53
	Contractor gate		52
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
	1St Gate		66
	2nd Gate		64
	3rd Gate (Plant)		69
	4th Gate		64
_	5th Gate		65
Day	6th Gate		66
#91.	7th Gate		63
	8th Gate		69
	9th Gate		68
	Contractor gate	· • • • • • • • • • • • • • • • • • • •	65



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TEST REPORT

Test Report No	TLC/V/Env/CIL/36C/02	25	DATE 31-03-2025
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		·
Date of collection	MARCH-2025	1	
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
	1St Gate		52
	2nd Gate		54
	3rd Gate (Plant)	1	55
	4th Gate		50
5.74 1 .	5th Gate		52
Night	6th Gate	1	51
	7th Gate	1	53
	8th Gate		55
	9th Gate		51
	Contractor gate		50
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
•	1St Gate	1	65
	2nd Gate		63
	3rd Gate (Plant)	1	67
	4th Gate	1	62
_	5th Gate		64
Day	6th Gate		68
	7th Gate		62
	8th Gate	<u> </u>	67
	9th Gate	1	66
	Contractor gate	1	63

Fonsultants

Annexure-6

MoEF Customized fertilizer plants Date: June 10, 2009

EC-NO-F.NO-J-11011/548/2008-IA II (I) Date: June 10, 2009

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Compliance of EC/CFE/ CFO/ Dir	ections	
For submission of compliance reports by the industry	8	
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1.Complaince Report **	2.EG Oxfer Number*	
EC	EC-NO-F NO-J-11011/548/2008-IA # (1).	
3.EC Order Issued On *	4.EC Order Issued By *	
05/10/2009	MOEF&CC, Dahi	
5. Name of the industry *	s. Address	
Coromandel International Limited	Schenputern , Malkaputern PO Visekhapetanrn – 5301	
7. District : *	8. Emei =	
Visakhapainam	nagarapud @coromandel minugappa cont.	
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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 OII, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Webslte : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

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\$	EHS/APPCB/2024 - 149	Date: 30.12.2024
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4	The Environmental Engineer,	
	Andhra Pradesh Pollution Control Board, -	
	Regional Office, Behind RTA Office,	
	Madhavadhara VUDA Colony,	
	Visakhapatnam – 530 018	
¢	Sub- Sub-	-commental Classonan order for Manufacture of
¢	Sub: Submission of Six-monthly compliance report for Envir Customized Fertilizer plant of two streams of 300 MTPD	
4	Customized Fertilizer plant of two siteanis of 500 MT1 D	cach clearance as on 50.12.2021 CCe
÷	Rei: 1. EC Order No - F. No. J-11011/548/2008-IA-II(I) - D 2. APPCB Notice No - PCB/RO-VSP/6 months comp	
*	With reference to the above subject, herewith we are submit report as on 30.12.2024 of stipulated conditions in Environm F.No. J-11011/548/2008-IA-II(I) dated June 10, 2009 of Sriharipuram Visakhapatnam for Manufacture of Custo MTPD each duly Certified by M/s TEAM Labs and Consult out site visit during the period 18.12.2024 and 19.12.2024 is e	ental Clearance issued by MoEF,Newdelhi vide f M/s Coromandel International Limited, mized Fertilizer plant of two streams of 300 tants NABL accredited Laboratory after carrying
		at the second
	This is for information please.	
	Thanking you,	
	Yours faithfully	
	For Coromandel International Limited	

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Gnanasundaram M Vice President & Head Mfg.

NOT 201/21/24 Enclosures: 1. EC compliance report 2. NABL accreditation Certificate

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India

Tel. 91-40-27842034 / 27847212 Fax 91-40-27844117 E-mail • mail@coromandel.murugappa.com





ANDHRA PRADESH POLLUTION CONTROL BOARD REGIONAL OFFICE, VISAKHAPATNAM

R LAKSHMI NARAYANA ENVIRONMENTAL ENGINEER Plot No.14, Flat No.103 & 104, Journalist Colony, Marripalem VUDA Colony, Opp: Spencers Visakhapatnani - 530009 Ph: 0891 – 2755356

Date:05/07/2018

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Notice .No. /PCB/RO-VSP/6 months compliance/2018 -

- Sub:- APPCB, RO, VSP Non-submission of the Half yearly compliance report of CFO & HWA Conditions Notice issued Reg.
- Ref:- CFO & HWA Order issued by APPCB from time to time to the industries.

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WHEREAS, you are operating the industry in the jurisdiction of Visakhapatnam and obtained CFO of the Board from time to time.

WHEREAS, the APPCB has issued CFO & HWA Order by stipulating certain conditions to comply with.

WHEREAS, while issuing CFO and Auto Renewal CFO Orders, the Board stipulated a condition "The facility shall submit the compliance report to all the stipulated conditions for Consent for Operation for every six months i.e. on 1st of January and 1st of July of every year."

In view of the above, you are here by directed to submit the CFO & NWA compliance report for every six months i.e. on 1st of January and 1st of July of every year.

You are requested to follow the above instructions without fail.

	Raavi Lakshmi Narayana	Digitally signed by Raavi Lakshmi Narayana Date: 2018.07.05 13:52:59 +05'30'	
-	ENVIRONME	NTAL ENGINEER	

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National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TEAM LABS AND CONSULTANTS

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

B-115,116,117 & 509, ANNAPURNA BLOCK, ADITYA ENCLAVE, AMEERPET, HYDERABAD, TELANGANA,

India in the field of TESTING S Valid Until Valid Until

23/01/2026

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This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: TEAM LABS AND CONSULTANTS

Signed for and on behalf of NABL

N. Venkateswaran Chief Executive Officer



Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555, 23748516, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office: # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001. Ph.: (O) 0891-2748699, Cell: 9849033397, E-mail: teamlabsvizag@gmail.com

Coromandel International Limited, Visakhapatnam <u>MoEF-EC- COMPLIANCE STATUS OF Environmental Clearance (EC) issued by MoEF</u> <u>for Manufacture of Customized Fertilizer plant of two streams of 300 MTPD each</u> Ref: F. No. J-11011/548/2008-IA-II(I) dated June 10, 2009

For the period from June -24 to November -24

A.) SPECIFIC CONDITIONS:

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S.NO.	CONDITION	COMPLIANCE STATUS
i)	The company shall comply with all the conditions mentioned in the environmental clearance issued to the existing plant vide Ministry's letter F.No.J-11011/314/2007- IA.II(I) dated 31st August, 2007 for expansion of the fertiliser plant from 2700 to 3900 TPD	
• i) **	The projects authorities shall ensure zero discharge from the proposed plant. The wastewater generated for the existing plant shall be treated and disposed as per the standards prescribed by the Andhra Pradesh Pollution Control Board. No utilities shall be developed for this project.	1
111)	The project authorities shall not manufacture the raw materials as this plant will be based on mixing process only.	1 · · · · · · · · · · · · · · · · · · ·
iv)	The project authority shall install dust collection such as cyclone system in fertilizer mixing and bagging plant to control particulate emissions.	Installed cyclones in series for each



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S.NO.	CONDITION	COMPLIANCE STATUS
v)	The company shall carry out air quality monitoring at vents/stacks and regular monitor the gaseous emissions along with particulate matter. The reports shall be submitted to the Ministry's Regional Office at Bangalore, CPCB, and SPCB	Presently customized Plant is not in , operation however monitoring will be carried out, and reports will be submitted once the operation resumes. The ambient air monitoring data Half yearly submitted by Industry to the concerned authorities
vi)	The gaseous emissions (SO ₂ , No _x , NH ₃ , Urea dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Emission data shall be periodically monitored and reports submitted to Ministry's Regional Office at Bangalore, CPCB and SPCB.	Presently customized Plant is not in operation however monitoring will be carried out, and reports will be submitted by Industry once the operation resumes. The ambient air monitoring data Half , yearly submitted to the concerned authorities
vii)	Data on ambient air quality, stack emissions and fugitive emissions shall be regularly uploaded on the website of the company and submitted on-line to the Ministry's Regional Office at Bangalore, Andhra Pradesh Pollution Control Board (APPCB) and Central Pollution Control Board (CPCB) as well as hard copy once in six months. Data on SPM, SO2 and NOx shall also be displayed outside the premises at the appropriate place for the general public.	Complied Industry uploading the half-vearly compliance report of the company websitewhich also includes data on ambient air quality stack monitoring etc. The reports are forwarded to the concerned regional office of the MoEF&SPCB, and CPCB on ahalf- yearly basis. Industry Installeda display board at factory main gate where the monitoring data are displayed for the public.

Coromandel International Limited, Visakhapatnam





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Coromandel International Limited, Visakhapatnam

S.NO.	CONDITION	COMPLIANCE STATUS
viii)	the company shall develop the green belt in 33% area, out of total area to mitigate the effect of fugitive emissions and noise as per the guidelines of CPCB	Complied Out of the 428 acres, the revised land area is 313 (after demarking from VPT) and the green belt is developed in 120 acres area which is more than 33%. The plantation photographs are
• F3/79		attached in Annexure - 01
ix)	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries for existing and proposed plant	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 02
x)	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	Complied Annual health checkups being conducted for employees and contract workmen according to the Factories act and Records are maintained by Industry
xi)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied The plant has full full-fledgedfire fighting system and also industry made an agreement for mutual aid with neighboring industries. Periodic mock drills are carried outto ensure preparedness

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COMPLIANCE STATUS CONDITION S.NO. Provision shall be made for the housing of Complied Xii) The necessary amenities like toilets , construction labour within the site with all safe drinking water, medical treatment necessary infrastructure and facilities such etc..are available inside the plant as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health premises for all the Employees and care, creche etc. The housing may be in the Workmen form of temporary structures to be removed after the completion of the project. **B) GENERAL CONDITIONS** The project authorities shall strictly adhere Noted &Complied i) to the stipulations of the SPCB / State Government or any statutory body. Presently customized Plant is not in The gaseous emissions (SO2, HCL, NOx, ii) NH3, Fertiliser dust) and particulate matter operation however monitoring will be from various process units shall conform to carried out, and reports will be the standards prescribed by the concerned submitted once the operation resumes. authorities from time to time. Emission data The ambient air monitoring data Half shall be periodically monitored and reports submitted to the concerned vearly submitted to Ministry's Regional Office, authorities CPCB and SPCB. All the waste waters generated from the Complied iii) discharge from various processes shall be recycled/reused Zero effluent customized plant and developed & in the plant and zero discharge shall be maintained. The domestic waste water shall implemented schemes to make minimize effluent from phosphoric acid be treated in septic tanks and treated waste & Sulfuric acid plants shall be used for irrigation in the green-belt.

Coromandel International Limited, Visakhapatnam



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Coromandel International Limited, Visakhapatnam

S.NO.	CONDITION	COMPLIANCE STATUS
* ivj**	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted & being Complied
V)	At no time, the emissions shall exceed the prescribed limits. In the event of fallure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Noted & being Complied
Vi)	The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Complied Industry installed 03 numbers of online ambient air monitoring stations and appointed third party for monitoring regularly the ambient air at 05 Locations. The reports are being submitted regularly.
vii)	Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubber water shall be sent to ETP for further treatment.	Complied Stacks & scrubbers have been installed according to CPCB guidelines. Scrubbing liquid recycling into the process



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Coromandel International Limited, Visakhapatnam

S.NC.	CONDITION	COMPLIANCE STATUS
viii)	Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	Complied A copy of the third-party fugitive emission periodicallyconducted report is enclosed in Annexure - 03
ix)	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals rules, 1989 as amended in the October, 1994 and January 2000 and Hazardous Waste (Management and Handling) Rules, 1989 as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	Industry complying with the MSIHC Rule 1989 as amended in 2000 and also with the Hazardous waste management rules 1988. Industry obtained CCA (Combined Consent Authorization) from APPCB is valid up to 31.08.2027 A copy of the CFO is enclosed in
x)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers,	Though overall noise levels are kept
xi)	The company shall develop rainwater harvesting structures to harvest the run-off water for recharge of groundwater.	



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Coromandel International Limited, Visakhapatnam

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S.NO.	CONDITION	COMPLIANCE STATUS
1)	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.	The details of CSR &Eco-development are given as an Enclosed in Annexure - 02
xiii)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.	Noted and being Compled . All the Environmental protection measures are adopted to prevent emissions
xiv)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental management and Monitoring functions	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS level are in place. Industry appointed NABL &MoEFCCaccreditedLab to carry out the Environmental monitoring regularly
xv)	The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied

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Branch Office: #24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530/001, * Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

Coromandel International Limited, Visakhapatnam S.NO. CONDITION COMPLIANCE STATUS `xvi) The implementation of the project vis-à-vis Compliance centrate

´xvi)	The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB/CPCB. A six- monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Complied Compliance reportsare sent regularly and the same are uploaded tothe company website. The company websitelinkis <u>https://www.coromandel.biz/sustainabilit</u> <u>y/environment</u> A copy of the submitted Half yearly is enclosed inAnnexure – 06
xvii)	State Pollution Control Board should display a copy of the clearance letter at the Regional office, Gram Panchayat, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.	Complied
xviii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB and may also be seen at Website of the Ministry at <u>http://envfor.nic.in</u> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied Advertised in prominent newspapers in the local language and also English and copies were forwarded to Regional Office, MoEF, Chennai and SPCB.
xix)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied



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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

EHS/MoEF/2025-066

31/05/2025

To The Director, Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-600034.

Dear Sir,

Sub: Half Yearly EC (Environment Clearance) Compliance Report- regd.

Ref: F. No. 11-35/2015-IA-III dated 27.06.2017

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for installation of proposed Sulphuric acid (2X12500 MT) and Phosphoric acid (2X10000 MT) storage tanks along with unloading facilities and pipelines at the existing fertilizer Wharf – CRZ Clearance.

Period of submission : Oct'24 to Mar'25 Unit : Coromandel International Limited, Visakhapatnam

Thanking You,

For Coromandel International Limited

M. Gnanasundaram VP – Head Manufacturing

NAG Encl : a/a

CC: The Member Secretary, Head Office-APPCB, Vijayawada Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



EHS2-Vizag-Coromandel

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From:	Nagarjuna-P-Mgr-EHS-Vizag-Coromandel
Sent:	02 June 2025 15:11
To:	'eccompliance-ap@gov.in'; 'rovspappcb@gmail.com'; 'zovspappcb'
Cc:	Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel; EHS2-Vizag-Coromandel;
	Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
	AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:	Half Yearly EC (Environment Clearance) Compliance Report- regd.
Attachments:	EC Compliance SA PA TANKS WHARF (Oct -2024 to March -2025).pdf

Dear Sir,

Ref: F. No. 11-35/2015-IA-III dated 27.06.2017

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for installation of proposed Sulphuric acid (2X12500 MT) and Phosphoric acid (2X10000 MT) storage tanks along with unloading facilities and pipelines at the existing fertilizer Wharf – CRZ Clearance.

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Period of submission : October -2024 to March -2025. Unit : Coromandel International Limited, Visakhapatnam

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F: +91.891-2578400 W: www.coromandel.biz AMURUGAPPA GROUP COMPANY
Coromandel International Limited, Visakhapatnam

Compliance status of Environment clearance

F.No.11-35/2015-IA-III dated 27 June 2017

- **- - - - - - - - - - - - -**

(For the period from Oct-2024 to March-2025)

Installation of proposed Sulphuric acid (2x12500 MT) and Phosphoric acid (2x10000 MT) storage tanks along with unloading facilities and pipelines at the existing fertilizer Wharf of Coromandel International Limited, Visakhapatnam (Andhra Pradesh) - CRZ Clearance

S.No.	Description	Compliance				
PART -	PART - A — SPECIFIC CONDITIONS:					
<u>I.</u>	Construction Phase:					
(i)	The project proponent shall ensure that the guidelines for building and construction projects issued vide this Ministry's OM No.19-2/2013-IA.III dated 9th June, 2015, are followed to ensure sustainable environmental management.	Noted				
(ii)	All conditions/recommendations stipulated by the Andhra Pradesh Coastal Zone Management Authority (APCZMA) shall strictly be complied with.	confirms that all conditions and				
(111)* •	Provisions of Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 shall be strictly implemented and compliance therefore submitted to the regional office of the Ministry and the concerned agency in the State Government.					
iv)	The project proponent shall obtain all necessary clearances/ permission from the concerned authorities as applicable.	All the necessary clearances and permissions (CFE & CFO) have been obtained. Reference APPCB/VSP/65/CFE/HO/2015, Dt. 30.10.2015& CFO No: APPCB/VSP/VSP/65/HO/CFO/2020- 23/12/2020 and latest CFO no: APPCB/VSP/65/CFO/HO/1967 - Dt. 04/08/2023				
(v)	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied and the point no: iv of specific condition of this compliance report & verified.				
(vi) 	The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time. There shall be no dressing or alteration of	Noted and complied				

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	Coromandel International Limited, Visakhapatnam						
S.No.	Description	Compliance					
	the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.						
(viii)	All waste (liquid and solid) arising from the proposed development will be disposed of as per the norms prescribed by State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea/coastal water bodies.	No effluent generation from the storage tanks. Hence, no disposal to the sea or coastal water bodies.					
(ix)	No permanent labour camp, machinery and material storage is allowed in CRZ area.	Noted and complied 🛛 😁 🐄					
(x)	The project proponent shall ensure that no untreated wastewater is discharged outside the project premises. It will be ensured that the wastewater generated is treated in STP and is reused for landscaping, flushing and HVAC cooling purposes within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of the results of standard parameters of the effluent discharged from STP under intimation to the SPCB.	No process effluent generation from the wharf area and domestic waste generation in the area is very negligible which is routed & treated into the septic tank.					
(xi)	There shall no ground water drawl within CRZ without prior approval of the Central Ground Water Authority.	The project proponent confirms that we are not drawing any groundwater & we are using the water source from GVMC only.					
(xii)	Temporary toilets will be provided for all construction labour. Suitable toilet fixtures for water conservation shall be provided. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	The project got completed and they are no temporary toilets. Regular water conservation is part of our sustainability practices.					
(xiii)	The project proponent shall implement all mitigation measures recommended under the Environmental Management Plan for the project.	Complied					
(xiv)	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted and complied.					
(xv)	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil and groundwater samples are regularly tested to ensure that there is no threat to groundwater quality from the leaching of heavy metals and other toxic contaminants. Reports are attached as annexure - 01					

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Coromandel International Limited, Visakhapatnam

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Coromandel International Limited, Visakhapatnam

S.No.	Description	Compliance
(xvi)	Any hazardous waste generated during	Noted and Compline
(///)	construction phase, should be disposed of as per	
	applicable rules and norms with necessary	
	approvals of the State Pollution Control Board.	
(xvii)	Ambient noise levels should conform to	The noise levels for the Day & Night are
(^**!!)	residential standards both during day and night	being complied.
	as per Noise Pollution (Control and Regulation)	Monthly submitted PCB copy along
	Rules, 2000. Incremental pollution loads on the	with analysis reports for the month of
	ambient air and noise quality should be closely	March -25 herewith enclosed as
	monitored during construction phase. Adequate	Annexure - 02 for your reference and
	measures should be made to reduce ambient air	the values are well within the limits as
ļ	and noise level during construction phase, so as	per the consent.
	to conform to the stipulated standards by CPCB/	
	SPCB.	
11	Operation Phase	·····
(i)	A 2% of the cost of the project shall be	Complied.
- 44- 6 2	"apportioned for environment protection and	Half-yearly CSR Activities and
	conservation measures, to be spent by the	Expenditure details submission to
	project proponent towards fulfilling its Corporate	APCZMA and MoEF Annexure - 03
	Environmental Responsibility (CER) during the	
	currency of the project. Proper record and	
	account of measures taken should be maintained	
	and should also be submitted to the CZMA every	
	six months.	
(11)	The quantity of fresh water usage, water	Rainwater harvesting is not feasible as
	recycling and rainwater harvesting shall be	the sea level is high in the area. We are
	measured and recorded to monitor the water	taking water conservative initiative
	balance. The record shall be submitted to the	under our sustainability program. The
	Regional Office, of the Ministry along with six	monthly water consumption record is
	monthly monitoring reports.	attached as an Annexure - 04
(111)	The treated wastewater shall be recycled and	No process effluent generation from
	reused to reduce the demand of fresh water as	the wharf area and domestic waste
	committed.	generation in the area is very negligible
		which is routed & treated into the
		septic tank.
(iv)	Solid waste management shall be collected,	Noted and complied.
	treated disposed in accordance with the Solid	
	Waste Management Rules, 2016.	
(v)	Installation of the Sewage Treatment Plant (STP),	As the wharf area has storage tanks
	as may be applicable, should be certified by an	etc. not much and a number of
	independent expert and a report in this regard	employees are very less & the
- 1	should be submitted to the Ministry before the	domestic effluent generation is very
	project is commissioned for operation. Treated	less. Enhance domestic wastewater is
	effluent emanating from STP shall be recycled/	routed & treated in the septic tank and
	reused to the maximum extent possible.	STP is not envisaged.
	Treatment of 100% grey water by decentralized	
	treatment should be done. Discharge of unused	
	treated affluent shall conform to the norms and	

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Coromandel International Limited, Visakhapatnam

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S.No.	Description	Compliance
	standards of the State Pollution Control Board. Necessary measures should be made to mitigate	
	the odour problem from STP.	
(vi)	Diesel power generating sets proposed as source	Noted for Compliance.
	of back-up power for elevators and common area	
	illumination during operation phase should	
	conform to rules made under the Environment	
	(Protection) Act, 1986 for diesel generator sets.	
(vii)	Green belt of local species with adequate width	The combined Complex and wharf area
	and density shall be developed along the	Plant fertilizer area is having green bel
	periphery of the plot except in areas not possible	of 120 acres.
	such as gates.	
(viii)	Rain water harvesting system from roof run- off	The ground water table is very high the
	and surface run- off, shall be implemented.	plant location is very near to the sea
	Before recharging the surface run off, pre-	Construction of rainwater harvesting is
	treatment must be done to remove suspended	difficult. However, we have developed
	matter, oil and grease. The borewell for rainwater	a collection pit for surface runoff water
	recharging should be kept at least 5 m above the	at a complex plant and the collected
	highest ground water table.	water is recycled back to conserve the
		water.
(ix)	Energy conservation measures like installation of	Noted and complied
	CFLs/TFLs for the lighting the areas outside the	
	building should be integral part of the project	
	design and should be in place before project	
	commissioning. Use CFLs and TFLs should be	
	properly collected and disposed off/sent for	
	recycling as per the prevailing guidelines/rules of	
	the regulatory authority to avoid mercury	
	contamination. Use of solar panels may be done	
NADT -	to the extent possible. - B: GENERAL CONDITIONS	· · · · · · · · · · · · · · · · · · ·
PARI -	- B: GEWERAL CONDITIONS	
(i)	A copy of the clearance letter shall also be	Complied.
	displayed on the website of the concerned State	
	Pollution Control Board. The Clearance letter	
	shall also be displayed at the Regional Office,	
	District Industries center and Collector's Office/	
	Tehsildar's office for 30 days.	
(ii)	The funds earmarked for environmental	Noted and Complied
	protection measures shall be kept in separate	Yearly expenditure reports are
	account and shall not be diverted for other	submitted along with Environmenta
	purpose. Year-wise expenditure shall be reported	statements to the concerned
	to this Ministry and its concerned Regional Office.	authorities.
		Annexure 05
3	Concealing factual data or submission of	Noted
	false/fabricated data and failure to comply with	
	any of the conditions mentioned above may	
	· ·	
	result in withdrawal of this clearance and attract action under the provisions of Environment	

	Coromandel International Limited, Visakhapatnam					
S.No.	Description	Compliance				
	(Protection) Act, 1986.					
4	The above stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, the EIA Notification, 2006 and the CRZ Notification, 2011.					
5	Officials from the Regional Office of MoEF&CC, Nagpur who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Nagpur.	The full cooperation shall be extended to the officials from the Regional Office of MoEF&CC during their monitoring of the implementation of environmental safeguards. All requested documents and data shall be promptly made				
6	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted				
7	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted				
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.					
9	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at	Complied				

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S.No.	Compliance	
	Description http://www.envfor.nic.in. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the regional office of this Ministry at Nagpur.	
10	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this inject.	Noted
11	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
12	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied
13	The proponent shall upload the status of compliance of the stipulated conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at convenient location near the main gate of the company in the public domain.	Complied We are ensuring that the status of compliance with the stipulated conditions, including the results of monitored data, is uploaded on our website and updated periodically and also, we are sending reports to concerned authorities along with the all-monitoring data is stack and ambient. We also provided a display board at main gate for the public.
14	The environmental statement for each financial year ending 31' March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.	Complied. The environmental statement for the year FY:2023-24 has been submitted on EHS/APPCB/2024 – 099 27.09.2024 Copy of the acknowledgment herewith is enclosed as Annexure-07.

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	Test Report No	TLC/V/Env/CIL/21/1024 dt.01.11.202			01.11.2024	
	Description of Test	CIL Surrounding village wells-Ground water analysis				
	Name of the client	Coromando	I Internation	al Limited,	Visakhapatnam	
	Location of sampling	Stations as per details given			af - 1999	
D۵	ite of Sample collection	27.10.2024	·			
NO	Location of well	pН	PO4 mgpl	F- mgpl	Ammonical Nitrogen mgpl	
1	Kamaladevi colony-1	7.8	Nil	0.2	Nil	
2	Kamaladevi colony2	7.6	Nil	0.2	Nil	
3	Yeduruvanipalem-1	7.7	Nil	0.2	Nil	
4	Yeduruvanipalem-2	7.6	Nil	0.3	Nil	
5.0	- Mulagada-1	7.7	Nil	0.2	Nil	
6	Mulagada No.2	7.5	Nil	0.3	Nil	
	Proocol	IS:3025 Part 11-1983	APHA4500D	SM 4500 F- D	APHA4500C	

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	Test Report No	TLC/V/Env/CIL/21/1124 dt.02.12.2024				
Description of Test CIL Surrounding village wells-Ground v analysis						
	Name of the client	Coromandel International Limited, Visakhapatnam.				
1	Location of sampling					
Da	te of Sample collection	20.11.2024		· · · · ·		
NO	Location of well	pH	PO4 mgpl	F- mgpt	Ammonical Nitrogen mgpl	
1	Kamaladevi colony-1	7.7	Nil	0.3	Nil	
2	Kamaladevi colony2	7.5	Nil	0.2	Nil	
3	Yeduruvanipalem-1	7.5	Nil	0.3	Nil	
4	Yeduruvanipalem-2	7.6	Nil	0.3	Nil	
5	Mulagada-1	7.5	Nil	0.2	Nil	
6	Mulagada No.2	7.5	Nil	0.3	Nil	
	Proocol	1S:3025 Part 11-1983	APHA4500D	SM 4500 F- D	APHA4500C	

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	Test Report No	TLC/V/Env/CIL/22/1224		b	dt.31.12.2024	
	Description of Test	CIL Surrounding village wells-Ground water analysis				
[Name of the client	Coromand	el Internation:	al Limited	l, Visakhapatnam	
1	Location of sampling		per details give			
			3.1			
Da	te of Sample collection	26.12.2024				
NO	Location of well	рН	PO4 mgpl	F- mgpl	Ammonical Nitrogen mgpl	
1	Kamaladevi colony-1	7.5	Nil	0.2	Nil	
2	Kamaladevi colony2	7.5	Nil	0.2	Nil	
3	Yeduruvanipalem-1	7.6	Nil	0.Z	Nil	
4	Yeduruvanipalem-2	7.6	Nil	0.3	Nil	
5	Mulagada-1	7.5	Nil	0.2	Nil	
6	Mulagada No.2	7.5	Nil	0.3	. NiI	
	Proocol	IS:3025 Part 11-1983	APHA4500D	SM 4500 F- D	APHA4500C	

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TEST REPORT

	Test Report No	TLC/V/En	V/CIL/22/0125	d	lt.01.02.2025	
	Description of Test	CIL Surrounding village wells-Ground water analysis				
	Name of the client	Coromand	el Internation	al Limite	Wieghbarst	
	Location of sampling	Coromandel International Limited, Visakhapatnam Stations as per details given				
D:	te of Sample collection	27.01.2025				
NO	Location of well	рН	PO4 mgpl	F- mgpi	Ammonical Nitrogen mgpl	
1	Kamaladevi colony-1	7.6	Nil	0.2	Níl	
2	Kamaladevi colony2	7.5	Nil	0.3		
3	Yeduruvanipalem-1	7.4	Nil	0.3	Nil	
4	Yeduruvanipalem-2	7.5	Nil		Nil	
5	Mulagada-1	7.3	Nil	0.3	Nil	
6	Mulagada No.2	7.4		0.3	Nil	
	Proocol		Nil	0.3	Nil	
	1.00001	IS:3025 Part 11-1983	APHA4500D	SM 4500	APHA4500C	

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	Test Report No	TLC/V/Env/CIL/21/0225 dt.02.03.2025			02.03.2025	
	Description of Test	CIL Surrounding village wells-Ground water analysis				
	Name of the client	Coromande	Internation:	al Limited,	Visakhapatnam	
J	Location of sampling	pling Stations as per details given				
Da	te of Sample collection	21.02.2025				
NO	Location of well	pH	PO4 mgpl	F- mgpl	Ammonical Nitrogen mgpl	
1	Kamaladevi colony-1	7.5	Nil	0.3	Nil	
2	Kamaladevi colony2	7.5	Nil	0.3	Nil	
3	Yeduruvanipalem-1	7.4	Nil	0.3	Nil	
4	Yeduruvanipalem-2	7.3	Nil	0.3	NII	
5	Mulagada-1	7.3	Nil	0.3	Nil	
6	Mulagada No.2	7.3	Nil	0.2	Nil	
	Proocol	IS:3025 Part 11-1983	APHA4500D	SM 4500 F- D	APHA4500C	

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TEST REPORT

	Test Report No	TLC/V/En	/CIL/22/0325		.31.03.2025 -
	Description of Test		ounding village		ound water
	Name of the client		el Internation	al Limited	, Visakhapatnam
	Location of sampling	Stations as	per details giv	en	, visakhapatham
Da	ate of Sample collection	21.03.2025			
NO	Location of well	рН	PO4 Mgpl	F- mgpI	Ammonical Nitrogen
1	Kamaladevi colony-1	7.3	Nil	0.2	mgpl Nil
2	Kamaladevi colony2	7.5	Nil	0.3	
3	Yeduruvanipalem-1	7.4	Nil	0.3	Nil
4	Yeduruvanipalem-2	7.5	Nil	0.3	Nil
5	Mulagada-1	7.3	Nil		Nil
6	Mulagada No.2	7.3	Nil	0.3	Nil
	Proocol	1S:3025 Part 11-1983	APHA4500D	0.2 SM 4500 F- D	NII APHA4500C

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Annexure -2

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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/09	TLC/V/Env/CIL/32C/0924 DATE 01-11-2			
Destription of Test	Noise Level Monitoring				
Name of the client	Coromandel Internation	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided				
Date of collection	OCTOBER -2024				
	LOCATION / AREA	NOISE	: LEVEL LIMITI (70 dB)		
· · · · · · · · · · · · · · · · · · ·	1St Gate		50		
	2nd Gate	1 I	52		
	3rd Gate (Plant)		53		
	4th Gate		51		
Night	5th Gate	49			
TatRus	6th Gate	52			
	7th Gate	53			
	8th Gate	58			
	9th Gate	56			
	Contractor gate	52			
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)		
	1St Gate		66		
	2nd Gate	62			
****	3rd Gate (Plant)	68			
	4th Gate		61		
D	5th Gate		65		
Day	6th Gate	67			
	7th Gate	62			
	8th Gate	66			
	9th Gate	69			
	Contractor gate	·	an and		

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TEST REPORT

Test Report No	TLC/V/Env/CIL/30C/1124	DATE 02-12-2024			
Description of Test	Noise Level Monitoring				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	Asper details provided				
Date of collection	NOVEMBER - 2024				
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)			
*	1St Gate	50 ***			
	2nd Gate	54			
	3rd Gate (Plant)	56			
	4th Gate	52			
	5th Gate	50			
Night	6th Gate	52			
	7th Gate	54			
	8th Gate	51			
	9th Gate	61			
	Contractor gate	50			
		NOISE LEVEL LIMITI (75°dB)			
	1St Gate	62			
	2nd Gate	60			
	3rd Gate (Plant)	65			
	4th Gate	61			
Day	5th Gate	60			
	6th Gate	65			
	7th Gate	60			
	8th Gate	63			
	9th Gate	60			
	Contractor gate	61			

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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/1224 DATE 31-12-2024			
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided	Asper details provided		
Date of collection	DECEMBER-2024			
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)	
	1St Gate		52	
	2nd Gate		50	
	3rd Gate (Plant)		55	
	4th Gate		50	
Night	5th Gate		48	
Night	6th Gate	[50	
	7th Gate 1		52	
	8th Gate		56	
	9th Gate		55	
	Contractor gate		50 ·	
	LOCATION/AREA	NOISE	LEVEL LIMITI (75 dB)	
	1St Gate	1	68	
	2nd Gate		60	
	3rd Gate (Plant)	Ī	67	
	4th Gate	Į	63	
	5th Gate	T	67	
Day	6th Gate	[65	
	7th Gate	.	64	
	8th Gate		68	
	9th Gate	<u> </u>	67	
**	Contractor gate	1	63	

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Test Report No	TLC/V/Env/CIL/32C/125 DATE 1-02-20		
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	JANUVARY-2025		
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)	
	1St Gate	51	
	2nd Gate	52	
	3rd Gate (Plant)	53	
	4th Gate	51	
	5th Gate	50	
Night	6th Gate	52	
	7th Gate	56	
•	8th Gate	54 =	
	9th Gate	53	
	Contractor gate	51	
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dB)	
	1St Gate	69	
	2nd Gate	63	
	3rd Gate (Plant)	65	
	4th Gate	66	
	5th Gate	68	
Day	6th Gate	67	
	7th Gate	63	
	8th Gate	66	
	9th Gate	65	
	Contractor gate	64	

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TEST REPORT

Test Report No	TLC/V/Env/CIL/31C/0225 DATE 02-02-202		DATE 02-02-2025	
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided			
Date of collection	FEBRUIARY-2025			
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)	
	1St Gate	ļ	<u> </u>	
	2nd Gate		52	
	3rd Gate (Plant)		53	
	4th Gate		51	
BULLET	5th Cate		49	
Night	6th Gate	52		
	7th Gate	50		
	8th Gate		54	
	9th Gate		53	
	Contractor gate	52		
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1St Gate		66	
	2nd Gate		64	
	3rd Gate (Plant)		69	
	4th Gate		64	
_	5th Gate		65	
Day	óth Gate	1	66	
	7th Gate	1	63	
	8th Gate		69	
	9th Gate	1	68	
	Contractor gate		65	





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TEST REPORT

Test Report No	TLC/V/Env/CIL/36C/0225 DATE 31-03-20		DATE 31-03-2025	
Description of Test	Noise Level Monitoring			
Name of the client	Coromandel International Limited, Visakhapatnam			
Location of sampling	Asper details provided			
Date of collection	MARCH-2025			
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)	
	1St Gate	1	52	
	2nd Gate		54	
	3rd Gate (Plant)		55	
	4th Gate		50	
NII-L4	5th Gate	52		
Night	6th Gate	51		
	7th Gate		53	
	8th Gate		55	
	9th Gate		51	
	Contractor gate		50	
•	LOCATION/AREA	NOISE	LEVEL LIMITI (75 dB)	
	1St Gate		65	
	2nd Gate		63	
	3rd Gate (Plant)		67	
	4th Gate		62	
` •	5th Gate		64	
Day	6th Gate		68	
	7th Gate		62	
	8th Gate		67	
	9th Gate	1	66	
	Contractor gate	1	63	

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Annexure -3



Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradest, India Tel : 91-891-2578400 DID . 91-891-2893+Extn No Website : www.coromandel.biz CIN L24120AP1951PLC0D0892 GSTIN : 37AAACC7852K1ZC

Ant: 55.46. Tar: 8.46, Aat. Paid: 55.00(Cash)

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30-04-2025

EHS/APPCB/2025 - 54

То

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Wijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

Dear Sir,

This has reference to above mentioned subject, we are submitting the detailed report of CSR/CER activities carried out by Coromandel International Limited, Vizag during the period from October 2025 to March 2025.

We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

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The above submission is in line with EC compliance & Record please.

Thanking you,

Yours faithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

NAG/DAR

Enclosure: CSR/CER Report Copy: RO, APPCB, Viszkhapatnam

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, 1-tdia -- Tel 91-40-27842034 / 27847212 Fax , 91-40-27844117 E-mail : mail@coromandel:murupppp.com

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Coromandel International Limited

Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

EHS/APPCB/2025 - 54

30-04-2025

To `

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

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Yours faithfully,

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

NAG/DNR

Enclosure: CSR/CER Report Copy: RO, APPCB, Visakhapatnam

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India Tel : 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : mail@coromandel.murugappa.com









CSR Initiatives - Education

- School Infrastructure Classrooms construction, Washrooms, etc.,
- Coromandel Girlchild scholarship
- Chemistry its Fundamental Establishing Science Labs, Science Fairs, etc.,
- School Libraries at ZP high Schools in Mindi & Gajuwaka.
- Life Skills for Children.
- Education Improvement Programs.
- School Libraries at Govt High schools Gajuwaka and Mindi.



Additional classrooms Inaugurated By MLA Garu

- Two additional classrooms were constructed was developed by Coromandel at GVMC High school @Sriharipuram.
- On 15th October 2024 on the Dr. Kalam's Birth Anniversary, Shri P.G.V.R Naidu (Gana Babu) – MLA – Visakha West Constituency has inaugurated the additional classrooms in GVMC High School, Sriharipuram.
- Shri P.G.V.R Naidu (Gana Babu) MLA Visakha West Constituency in his address has appreciated Coromandel team for the commitment towards enhancing educational infrastructure and providing better learning environment for students in the area.
- Project cost Rs. 28 Lakhs

678 students have been benefited out of this project.





Additional classrooms Inaugurated By MLA Garu







Provided Tables, Chairs & Almirahs to Government School (4 High schools & 5 Primary schools and Anganwadi centers) -2024-2025

Girlchild Scholarship Program



Coromandel Girl child scholarship program on 27th April 2024 was presided by Executive Chairman, Coromandel

Coromandel

- Organize Coromander Girtchild Scholarship P since 2015
- Every year we reached out to 100 children 4 Govt. Schools and provide support of 8 Lakhs pr



We Organized Mega science Fair 18th March 2025 at CRC total 28 schools & 500 children participated

Coromandel Science lab inaugurated By Visakha West Constituency

- Shri P.G.V.R Naidu (Gana Babu) MLA Visakha West Constituency has inaugurated along with Mr. Ravindra Babu – Deputy Educational Officer, Mr.Trinadha & Mr. Venkataramana – Mandal Educational Officers has inaugurated the Science Lab at GVMC High School, Sriharipuram on 15th Oct 2024
- In memory of Dr. A.P.J. Abdul Kalam's birthday, his books were distributed to the school children which not only honors his legacy but also promotes learning and intellectual growth among students, reflecting his belief in the power of knowledge to transform lives
- Project cost Rs.8 Lakhs

Benefitted 678 school children (6th Class to 10th Class)





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Science lab Inaugurated By TDP State President

- Shri Palla Srinivasa Rao TDP State President & MLA Gajuwaka Constituency along with Mrs. L Chandrakala – <u>District Educational Officer</u>, Mr. P Srinivasa Rao – 65th Ward Corporator has inaugurated the Science Lab at ZP High School on 26th Sep 2024
 - Mr. Gnanasundaram VP & unit head along with Mr. JayaGopal Chathur- Head CSR & Mr. Srinivasa Rao – DGM – HR participated
- Shri Palla Srinivasa Rao in his address has thanked the Coromandel management for recognizing the need of the students and appreciated Vizag Unit for its passion towards executing projects in the field of Education and Community development



Benefitted 1600 school children

Coromandel 8 =

Science lab Inaugurated By TDP State Presider

(† 145-







Computer Lab Inaugurated By District Collector

- On 26th Sept 2024, inaugurated Computer lab as part of CSR Project towards enhancing education and digital literacy of the nearby Community students.
- Shri M. N. Harendhira Prasad, IAS Collector & District Magistrate – Visakhapatnam in presence of Shri R. V Ramana – Regional Deputy Director - Zone 1 – Visakhapatnam, Shri B. Narasimha Patrudu – 65th Ward Corporator – GVMC & Mr. SrinivasaRao-Principal, ITI-Gajuwaka has inaugurated the Computer Lab at Pedagantyada, Gajuwaka Govt Model ITI. Vice President & Unit Head, Head CSR and DGM HR
- 80 Nos of Blankets distributed to ITI Hostel Students our District Collector.
- Project cost Rs. 34 Lakhs
- > 900 ITI Students benefited from this project



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Computer Lab Inaugurated By District Collector











International Girl child Program at CRC

- On 15th October 2024, on the occasion of International Girl Child Day, in line with the theme "Girls Vision for the future" Coromandel Ladies Association (CLA) has met and greeted all our Girl Child Scholarship students from nearby Govt Schools.
- CLA Members have organised a Quiz Competition on the eve of Dr. Abdul Kalam Birthday.All the students were issued with a Dr. APJ. Abdul Kalam's book.
- Dr. Srilekha Revenue Divisional Officer(RDO) Visakhapatnam along with Mr. Bhujanga Rao – Mandal Revenue Officer(MRO) – Mulagada, Mr. Gnanasundaram – VP & Head Mfg., Mr. Jayagopal – Corporate CSR Head and Mr. Srinivasa Rao – DGM – HR participated in the event.
- Towards preparation for National Level Skating competitions, Rs.1.5 Lakhs Cheque was awarded to the Sports Academy of Ms. P Chaithra Deepika, the young Skirting girl of AP, who won many prizes from various competitions.
- Children and Teachers felt very happy and thanked Coromandel
 Management for the continuous efforts in supporting Government School Girl Children.





Coromandel

Life Skills - Happy Exams

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- Happy Exams is a program through which Coromandel is aiming at providing guidance to the 10th students excel in the upcoming 10th class public examinations
- ≻ Emphasis on 5 Govt High Schools
- The stakeholders provided excellent feedback about the program and thanked Coromandel for its initiative in developing the children
- Boosted confidence among children and enhanced their self esteem and to think positively about the exam----



in no



Teachers' day celebrations

- Encourage teachers by organizing a mega teachers day program at Coromandel.
 - > Every year more than 100 teachers took part in the event.
 - > Felicitated teachers on this occasion.
- Involve District officials and School Head Masters in recognizing the efforts of best teacher
- MEO, teachers and the MRO were very pleased to attend the event and expressed their appreciation to Coromandel Management.
- > Our COO sir Participated in this event blessed to school teachers on 5th Sep 2024 at CRC



11



KARADIPATH Teachers Refresher Training

- We Organised Teachers refresher training on 26th June 2024,
- this training aims of empowering
 educators to use innovative
 techniques to reinforce language
 learning in the classrooms.
- Particularly focusing on helping students learn English in an easy enjoyable and effective manner.
- Participated Mandal two MEOs (Mandal educational officers) 9
 Govt school teachers



Fire Safety awareness to school children



- We Organized Fire safety & Prevention training for Children at ZP High school Mindi.
- Successfully conducted a fire fighting and prevent training session for school children. The training aimed to raise awareness about fire safety and Prevention among young minds. The program essence was to instil in the children a strong understanding of fire safety, empowering them to recognize potential hazards, take preventive measures and react calmly and effectively in case of a fire emergency and participated EHS dept.
- School children and Teachers felt very happy with this type of awareness.









CSR Initiatives - Health

- ➤Coromandel Medical centre (CMC)
- >Health & Nutrition program
- Mega Medical Camps-schools/community
- >Integrated behaviour change communication
- >Women & Children Medical Camp
- >Intervention on Seasonal Diseases Anti-Larval & Fogging



Coromandel	Medical Centre	(CMC)
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·	CMC OP 2024-	2025	_
1	Apr-24	2394	
2	May-24	2551	
3	Jun-24	2568	
4	Jul-24	3351	
5	Aug-24	3331	
6	Sep-24	3442	
7	Oct-24	3158	
8	Nov-24	3024	
9	Dec-24	2857	
10 **	"" Jan-25	2833	
11	Feb-25	3397	
12	Mar-25	3585	
	Total	36491	



Coromandei 15

Dental screening service inauguration @CMC -

- Dental Screening Services at our CMC was inaugurated by our President & CHRO, Shri Arun Leslie George. Mr. Gnanasundaram, Vice President & Head - Mfg; Mr. GSV Raja, AVP & Head of HR; the Unit HR Head; and the Senior Leadership Team participated along with local community at CMC.
- During the event, they provided a comprehensive briefing on the CMC services, engaged with community members, and distributed tailoring kits to women to support and enhance their livelihoods. Additionally, we presented furniture to the community halls to benefit local residents. The community members were deeply moved by these contributions, and the CHRO expressed his appreciation for the CSR initiatives led by the Vizag Unit



Initiative on 22nd Aug 2024



CMC Anniversary Celebration - 2024



We celebrated the 9th Anniversary of our Coromandel Medical Centre. The event was atte by VP & Unit Head Gnanasundaram, Head HR SrinivasaRao, GM Finance Mahesh, EHS He Nagaraju and Dr Uday.



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Women & children Medical camp



- Conducted women & Children medical camp at Pilakavanipalem & Gullalapalem villages
- Total two villages' services utilized and benefitted 567





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Coromandel 5

Health & Nutrition





Coromandel

Health & Nutrition



coromandel Integrated Behavior Change Communication (IBCC)

- Conducted Baseline study & Mid-line, End line
- studies to monitor the effectiveness of the IBCC
 program
- Two community Health Workers were continuously in the field visiting 11 villages households.










Door to door-Anti Larval & Fogging operations

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- Anti-larvae treatment done in 11 villages and emphasized on identifying larvae locations in the communities.
- Health worker along with Anti-larva team (Pest control of India) visited door to door and done anti-larva operations leading to the reduction or permanent elimination of mosquito breeding places
- > Identified places where Larvae are developed
- Insisted not to forget that the monsoon is the breeding season for mosquitoes and many other disease
- Suggested to take necessary steps to control diseases like dengue, chikungunya and malaria in view of the monsoon season.





HE RESIDE











CSR Initiatives - Community development

- Community infra
- > Women livelihood & skill development
- Inter village sports for youth
- Community bore wells
- skill development training for youth
- world environment day celebrations
- Eco Vizag cloth bags encouraging
- Renovation of Fire station
- File Optimizer inauguration
- Supported Safety barricades to Police dept **

Coromandel

Community hall Inaugurated by Shri Gana Babu Garu, MLA

- On 16th Oct 2024, Coromandel Vizag has inaugurated the Community hall at Yeduruvanipalem as part of CSR Project.
- Shri P.G.V.R Naidu (Gana Babu) MLA Visakha West Constituency has inaugurated the Community hall. The objective of this multipurpose community hall is to serve local community members to conduct various programmes, which will benefit the community.
- Shri P.G.V.R Naidu (Gana Babu) MLA Visakha West Constituency appreciated Coromandel's CSR initiatives in the areas of education/Health/ community development Projects.
- Project cost Rs. 25 Lakhs
 - 400 families will be benefiting out of this project.









Community Hall Inaugurated by MLA Garu @ Kunchalamma Colony



- On 10th Nov 2024, Coromandel Vizag has inaugurated the Community hall at Kunchalamma colony as part of C: Project.
- Shri P.G.V.R Naidu (Gana Babu) MLA Visakha West Constituency has inaugurated the Community hall. The obje of this multipurpose community hall is to serve local community members to conduct various programmes, whic benefit the community.
- Our Organization Blankets handed overed to Physical challenges peoples and poor peoples. Community people very happy
- > Benefitted 150 Families



4 Community Borewells installed

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Livelihood & Entrepreurship development program for community women

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- Partnered with Ikka Learning Foundation, launched Beautician/Jute bag/Maggam and Jewellery making training program for women in 4 locations
- This initiative aims to build technical skills and empower women with the tools to achieve economic self-reliance. The program is being kickstarted in 4 locations with training for 120 women in Beautician course.





Livelihood & Entrepreurship development program for community women







Women Livelihood stalls

- MD sir Visited & Observed the Community women stall like jute bags/jewellery making/Margam design and Beauty parlour, and MD sir appreciated women livelihood project.
- Every function we planned jute bag stall selling the making materials every time selling 3000 above money





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Life Skills Development Computer Training for yout!

- Impart training to 23 local youth by involving and enhancing them with computer skills.
- MS Office, Telugu Typing, Windows Operating Systems ,Python, PGDC and Internet tools are few of the courses that students are offered training by the Computer Institute supported by Coromandel





Coromandel Inter-village Cricket Tournament 2024-:

- Coromandel encouraging youth and conducted Sports and games every year to create a healthy youngsters.
- Organized Inter-village cricket tournament at Coromandel Cricket Ground
- > 18 Teams participated in this event.
- Winners are Pilakavanipalem and Runners are Gondesivanipalem





World Environment day

- Every year we are organizing World Environment day celebrations and distributing cloth bag the community members.
- MAK Hospital Mulagada premises tree plantation carried out on 5th June 2024, and we organ drawing competition to community children



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78th Independence Day- District Collector Award to Coromandel



- In recognition of the generous contribut through Corporate Social responsibility Scheme to the Vizag District Administre undertaking various welfare & Developr activities in the District, Coromandel International limited-Vizag was bestown Award during the Independence day ce @ Vizag Police parade ground on 15 Au
- The award was received by M. Gnana S Vice President & Head of Manufacturir Srinivasa Rao, GM-HR from the Distric Collector and Revenue Minister of And Pradesh.



Wheelchairs Support



- Supported 100 wheel the differently abled pup participate in the elections, Visakhapatn
- Mr. Amir Alvi, Presiden of Manufacturing, Cor International Limited cvore to Mrs. Re Assistant Director of Ir and Ms. Sunita, I Promotion Officer on 2024.



44.4



CSR Award received from Governor AP state

The award has been received by VP & Unit Head Manufacturing M Gnana Sundaram, Head CSR Jayagopal and Srinivasarao DGM-HR



Coromandel 12

Eco Vizag cloth bags launched by GVMC Commiss

- Coromandel's social responsibility initiatives are inspiring," said GVMC Commissioner Sampath Kumar. "
- > The use of cloth bags for saving the environment is very important, avoiding Plastic Bags.
- > 30,000 bags under the 'Swach Sarveshan 2024 ECO Vizag' was handed over by Coroman





OF HEREIGHT



Employee Volunteering Cloth bags distributed to Rythu bazar





Total 1000 bags distributed

Total women employees partici



No Plastic Awareness Program 🔔

- No plastic zone awareness programme at Blue flag beach Rushi Konda and conducted by GVMC and
- APPCB
- > Participated
- Fishery survey of Indla
- District tourism
- Pollution control board
- GVMC
- Divis lab
- NGOs
- Coromandel international limited
- Our employees participated : 20
- ➢ Initiative on 18th Jan 2025

> 300 cloth bags distributed to local peoples





Fire Mist water shed inauguration

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- Fire Mist Water Shed Inauguration at Pedagantayada*
- The Mist Water Tender Shed, and other civil projects inaugurated by Pedagantayada Fire Station.
- District Fire Officer Sri RENUKAIAH, ADFO Mr. Gopi Krishna and station officials from Visakhapatnam, along with Coromandel officials, including EHS Head Mr. Nagaraju, Sr. Manager HR-Mr Srikanth CSR Manager, Sr Manager Safety Mr. Lokesh, Fire Manager Mr. Santhosh along with me
- > DFO appreciated Coromandel.





File Optimizer Inauguration

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- > The facility was inaugurated by Mrs. Vangalapudi Anitha, Honourable Minister of Home Affairs & Disaster Management, Andhra Pradesh, who graced the event as the chief guest. The occasion was honoured by the presence of Shri Ch. Dwaraka Tirumala Rao, IPS, Director General of Police, Andhra Pradesh, and Dr. Sankarbrata Bagchi, IPS, Underscores Visakhapatnam. Police. City dedication supporting Coromandel's to community-benefiting projects.
- Our Unit Head Mr. Gnanasundaram, DGM HR Mr. Srinivasarao, CSO Mr. Narayanapatrudu, Sr Manager Mr. Srikanth, Mr. Manmadha Participated this event.











Coromandel ladies Association

- Coromandel Ladies Association visited and interacted with Social welfare Girt Children at Nadupuru.
- Ladies Association Provided Stationery and Games kits to school children.
- Ladies Association conducted Health Hygiene awareness session to children.
- > 30 tree Plantation carried out by the team on June 2024



Coromandel is

Handmade Products

The Coromandel Ladies Association ordered jute bags and handmade jewellery products from community women, valued at Rs. 34,000 (thirty-four thousand rupees) on 2nd August 2024

- > The products were delivered on time, and our project benefited from the work of seven women.
- They were very happy, and I would like to thank Coromandel Ladies Association for their support.







Association

- Our Coromandel Ladies Association visited the Anganwadi centre at Mulagada Village
- Handed over essential materials to enhance their facilities on June 2024
- Additionally, we established a Nutrition garden to support their needs
- Teachers, Parents and ICDS Supervisor Ms. Varalakshmi felt very happy, Total benefitted children is 20.





Coromandel 6

Uniform supporting by CLA

our Coromandel Ladies Association (CLA) organized a * "Giving Back to Society" (GBS) activity, Uniforms were

- handed over to the children of the Speech & Hearing School, Gaju Waka by our President & CHRO, Shri Arun Leslie George, along with Mr. M Gnana sundaram, Vice President & Head - Mfg. The event was attended by Mr. GSV Raja, AVP & Head of HR, the Unit HR Head, and the Senior Leadership Team.
- CLA President explained what about CLA & Operates. The children and teachers were very happy, and the CHRO appreciated the initiatives of the CLA.

Every Month

Benefitted 24 children

22nd August 2024





Library for children supported by CLA

- Coromandel Ladies Association donated to Library Cupboards & Books to ZP High school Mindi
- Library set up handed overed by MD sir & COO sir and Children and teachers felt very happy
- Total children benefitted: 684

Initiative on Sep 2024



Coromandel

CLA supported Library reading table



- As per the requested from social welfare hostel warden with Hostel students regarding Lib reading table.
- Coromandel Ladies Association Handed over the Library Reading table to social welfare P Girls at Pedagantyada on 27th Dec 2024
- Setablished Nutrition Garden and Hostel warden & students felt very happy

Coromandel & Sports kits Support to Govt Schools & Library to Malkapuram School



- Mr. Amir Alvi Chief Operating Officer Coromandel Fertilizers, the event with a heartfelt welcome addr expressing gratitude to our esteemed dignitaries for their valuable time and unwavering vision.
- Shri Alagappan along with Mr. Amir Alvi COO, Mr. Jayagopal Head CSR Corporate, Mr. Arun Leslie Ge CHRO, Mr.GSV Raja- AVP HR and Mr. Gnanasundaram – VP & Head Mfg – Vizag Unit distributed Sports k Community schools.
- > Total 9 Govt schools covered 3300 children.
- Our CLA team Library books distributed to GVMC High school children Malkapuram



CLA initiatives

- Our Coromandel Ladies Association Handed over the SSC exam model papers along with Additional materials to GVMC high school Sriharipuram and GVMC high school Gandigram, A total of 165 SSC students benefitted model Paper designed by SCERT & DCED, Our
- CLA encouraged Govt school education, Particularly SSC students, with the goal of increasing their mark percentage. Our CLA support and distribution of the model papers and each book cost Rs.250/-
- Students and Teachers are very Happy
- Initiated on 28th Feb 2025







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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel biz CIN : L24120AP1961PLC00D892 GSTIN : 37AAACC7852K1ZC 2

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Annexure -4

To,

EHS/APPCB/2025 - 049

25-04-2025

The Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Green House, Gopala Reddy Road, Vijayawada - 520010.

Dear Sir,

Sub: Submission of water consumption data for the last six months - Reg.

Ref: i) EC - SA PA TANKS WHARF (F. No. 11-35/2015-IA-III, Dated 27 june2017.

Regarding the above as per point Operation Phase (ii) specified in EC- SA PA Wharf tanks, we are here to provide the details of water consumption details from the month of October -2024 to March - 2025. The details are enclosed in Annexure - 01

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This is for your kind information & Records

Tnanking you,

""" "Yours faithfully,

for Coromandel International Limited

Gnanasundaram M Vice President & Head Míg.

NAG/DNR

Enclosure: Annexure - 01 (Wharf Water consumption details)

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Registerertalifice : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India

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Tel : 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : mail@coromandel.murugappa.com



Annexure – 01

S. No	Month	Monthly water Consumption in KL
01	October 2024	720
02	November 2024	320
03	December 2024	340
04	January 2025	320
05	February 2025	460
06	March 2025	540

Wharf Water Consumption data from October 2024 to March 2025

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EH5/APPCB/2024-099

The Member Secretary,

Pushpa Hotel Centre,

Vijayawada-520 010

A.P. Pollution Control Board.

D.No.33-26-14D/2, Near Sunrise Hospitali,

Chalamalavari Street, Kasturibaipet,

То

Coromandal International Limited Post Box No. 1116, Scharfpuran, NaBapuran Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-691-2578400 DID : 91-891-2893+Extri No Website : www.coromandel.biz CIN : L24120AP1961P1CD00892 GSTUR : 37AAACC7852K12C

Date:27.09.2024



Annexure -5

RN541R00070IN JUR:R27854180007 RL NALKAPURAN S.O (530011) Counter No:1.27/09/2024.14:16 TO:IHE NEDGER SE.AFPEB VIJAYAMADA PIN:520010. Venkateswaranuras S.O Froa:EDS HOD COR.FUEN 5 MWAF N1:2500as.RE0=17.0 Aat:96.76.Tax:14.76.Aat.Paid:97.00(Cash) (Track on www.indiapost.oov.in) Olial 18002566958D (Mear Masks, Stay Safe)

Sub: Submission of Environmental Statement in Form-V for the financial year 2023-24 as per the Environmental Protection Act -1986 reg.

Ref: 1. Consent Order No: APPCB/VSP/VSP/65/H0/CFO/2020 - 23/12/2020

Dear Sir,

We are enclosing herewith the Environment Statement for the financial year 2023-24 ending with 31st March 2024 in prescribed Form-V with respect to Coromandel International Ltd. along with relevant annexures.

This is submitted as per the guidelines of Environment protection act -1926

Thanking you

Yours faithfully For Coromandal International Limited

M. Gnanasundaram VP & Head - Manufacturing

Encl: As above

Co: 1. The Joint Chief Environmental Engineer, Zonal Office, APPCB, Visakhapatnam-18

2. The Environmental Engineer, Regional Office, APPCB, Visakhapatnam-18





Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad - 500 003 Telangana, India Tel : 91-40-27842034 / 27847217 Fax : 91-40-27844117 E-mail : mail@corumandel.maxugappa.com



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11/15/23, 4:30 PM

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Government of Andhra Pradesh

A.P. State Disaster Response and Fire Services Department

No Objection Certificate for Occupancy

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File No: 20042/VSP/MSB/2023 Date: 15/11/2023

ale: 13/11/2023

The District Industrial Center, Visakhapatnam

Sir/Medam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - No Objection Certificate for Occupancy to the existing / newly constructed Multi Storeyed Building (Coromandel International Limited, Visakhapatnam) NAGARAJU D, Coromandel International Limited Sriharipuram -Regarding.

- Ref: I. Online Application Dt. 04-11-2023, NAGARAJU D, Coromandel International Limited Sriharipurum
 - 2. Online Inspection Report submitted by Officers of this Department on 18-10-2023,

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A state it is to inform that NAGARAJU D applied for No Objection Certificate on 04-11-2023 for Occupancy to the existing / newly constructed Multi Storeyed Building for Coromandel International Limited, Visakhapatnam at Coromandel International Limited Sriharipuram. The officers of the department have scrutinized the information, documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

Fire Station

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 4.5 Mtrs for Industrial Occupancy (Category - G1) in a total plot area of 1214100,00 sq. meters.

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Bailder
North	3 Meters	5.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

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3. The builder has provided open spaces all around the building

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
1	Internal Staircases	0 No 0.00 Meters
2	External Staircases	0 No 0.00 Meters
	Total	0 Meters

5. The builder has proposed to provide Occupant Load :

St	Floor	Built up area (Sq Mtrs)	Оссирансу Туре		No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	113.5	Industrial	11	11	0.11	0.00
×.	Total	113.5		11			***····

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A.P. State Disaster Response and Fire Services Department

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	I Nos.	1 Nos.
2	Hose Reel Systems	I Nos.	0 Nos.
3	Terrace Tank	20000 Ltrs	20000 Ltrs
4	Booster Pump		
5	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

S1	Floor	Fire Ext	Hose Reel	Wet Rizer	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Puittp	Addl
1	Ground Floor	11	1 /0				-/-	- /	-/-					
	Total	171	1 /0	/	/	/	0 /0	0 <i>1</i> 0	0/0	/	120000	450 LPM /450 LPM	-1-	/

Provide ABC 5 kg/6 kg fire extinguishers

Sulphuric Acid Tank

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 13,25 Mirs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. melers.

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

3. The builder has provided open spaces all around the building

4. The builder has constructed following means of escape:

	SI	Details of Staircases	Provided Nos / inteters
	2	Internal Staircases	0 No 0.00 Meters
·	3	External Staircases	0 No 0.00 Meters
	L	Total :	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Bullt up area (Sq Mirs)	Оссиралсу Туре	1	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
. 1	Ground Floor	3354.4	Industrial	335	335	3.35	0.00
	Total	3354.4		335			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

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SI	Fire Safety System	Proposed as per PNOC	Provided	
1	The Extinguishers	34 Nos.	34 Nos.	
2	Hose Reel Systems	7 Nos.	0 Nos.	
3	Wet Riser	7 Nos (For Each Floor)	7 Nos (For Each Floor)	
4	Yerd Hydranis	YH_30_YH	YH_30 _YH	
5	Automatic Sprinkler System	373 Nos.	0 Nos.	
0	Automatic Detection & Alarm System	60 Nos.	0 Nos.	
7	Underground Tank	150000 Ltrs	150000 Ltrs	
8	Terrace Tank	20000 Ltrs	20000 Ltrs	
9	Fire Pump	Note-11	Note-11	
10	Additional Fire Safety measures			

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

sı.	i Moor				Down Comer	Yard Hydrants	Sprinkler	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pomp	Booster Pump	AddI
1	Ground Floor	34 /34	7 /0				373 /0	4 /0	60 /0					
	Total	34 /34	7 <i>1</i> 0	7 Nos (For Each Floor) 77 Nos (For Each Floor)	/	YH_30 _YH /YH_30 _YH	373 <i>1</i> 0	4 /0	60 <i>1</i> 0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	п	-1-	-1-

- WetRiser / DownComer - 100mm with single outlet landing valves.

In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire
extinguisher for every 100 m2 of floor area.

- · Provide I Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Technical Building

 The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 9 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.
 The builder has any ideal open appear all around the building.

5. The bulker has provided	open spaces an around ur	e onnennå
r		

Síde	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder		
North	3 Meters'	6.00 Meters		
East	5 Meters	6.00 Meters		

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	Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
	South	5 Meters	6.00 Meters
	West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

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S!	Details of Staircases	Provided Nos / Meters
3	Internal Staircases	1 No 1.50 Meters
4	External Staircases	1 No 1.50 Meters
	Total	3 Meters

S. The builder has proposed to provide Occupant Load :

SI	Floor	Built up area (Sg Mtrs)	Оссиралсу Туре	'No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	415	Industrial	41	41	0.41	3.00
2	First Floor	415	Industrial	41	41	0.41	3.00**
•	Total	830		82			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Salety System	Proposed 25 per PNOC	Provided
1	Fire Extinguistiers	10 Nos.	10 Nos.
2	Hose Reel Systems	2 Nos.	2 Nos.
3	Automatic Sprinkler System	71 Nos.	71 Nos.
4	Terrace Tank	20000 Ltrs	20000 Ltrs
5	Baoster Pump	900	900
6	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI.	Floor	Flrc Ext	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Spriaklers	мср	Auto. Det.	Unde rgrou nd Tank	Terrace Tank	Fire Pomp	Booster Pump	Addi
1	Ground Floor	5 /5	1/1				36/36	/	/	-				
2	First Floor	5 /5	1/1				35/35	/	/				722	
	Total	10 /10	2 /2	[-1-		71/71	0/0	0 /0	1	20000 Ltrs /20000 Ltrs	-1-	900 7900	/

Provide ABC 5 kg/6 kg fire extinguishers

Center of Excellence Building (COE)

2. The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 9 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.

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r. 3. The builder has provided open spaces all around the building

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•	Slde	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builde		
.	North	3 Meters	6.00 Meters		
	East	5 Meters	6.00 Meters		
ĺ	South	5 Meters	6.00 Meters		
ĺ	West	5 Meters	6.00 Meters		

4. The builder has constructed following means of escape:

SI .	Detalls of Staircases	Provided Nos / Meters
4	Internal Staircases	I No 1.50 Meters
5	External Staircases	1 No. ~ 1.50 Meters
	Total .	3 Meters

5. The builder has proposed to provide Occupant Load :

	SI	Floor	Built up aren (Sq Mtrs)	Оссиралсу Туре	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
	ا _{حيد}	Ground Floor	462	Industrial	46	46	0.46	3.00
ſ	2	First Floor	462	Industrial	46 *	46	0.46	3.00
		Total	924		92			·

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

St	Fire Salety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	10 Nos.	10 Nos.
2	Hose Reel Systems	2 Nos.	2 Nos.
3	Automatic Sprinkler System	78 Nos.	78 Nos.
4	Terrace Tank	20000 Ltrs	20000 Ltrs
5	Booster Pump	900	900
6	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI	Floor	Fire Ext	Hose Reel	Wei Riser	Down Comer	Yard Hydraats	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pamp	Booster Pamp	Add
1	Ground Ecor	5/5	1/1				39 /39		/					
2	First Floor	5 /5	1/1				39/39	-1	-1					
	Total	10 /10	2 /2	-/-	-/-	/	78 /7 8	0/0	0 <i>1</i> 0	/	20000 Ltrs /20000 Ltrs	/	900 /900	/

Provide ABC 5 kg/6 kg fire extinguishers

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A.P. State Disaster Response and Fire Services Department

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2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 9 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircoses	Provided Nos / meters
5	Internal Staircases	0 No 0.00 Meters
6	External Staircases	0 No 0.00 Meters
	Tolal	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Bullt up arca (Sq M(rs)	Оссирялсу Туре	1	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground floor	5400	Industrial	540	540	5.40	0.00
[Total	5400		540			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

st	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	54 Nos.	54 Nos.
2	Hose Reel Systems	11 Nos.	0 Nos.
3	Wet Riser	11 Nos (For Each Floor)	U Nos (For Each Floor)
4	Yard Hydrants	YH_45_YH	YH_45 _YH
5	Automatic Sprinkler System	450 Nos.	0 Nos.
6	Automatic Detection & Alarm System	96 Nos.	0 Nos.
7	Underground Tank	150000 Ltrs	150000 Ltrs
8	Terrace Tank	20000 Ltrs	20000 Ltr
9	Fire Púmp:	Note-11	Note-11
10	Additional Fire Safety measures	·	

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

í		l Class			Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	3	
	t	Ground floor	54 154	11 /0			450 /0	6/0	96 /0			 	

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s	il.	Floor	Fire Ext	Hose Reel	Wei Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Tenk	Fire Pump	Booster Pump	Add
		Total		11 /0	11 Nos (For Each Floor) /11 Nos (For Each Floor)		YH_45 _YH /YH_45 _YH	450 /0		96 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11		/-

24 ms:WetRiser / DownComer - 100mm with single outlet landing valves.

Provide ABC 5 kg/6 kg fire extinguishers

- Provide 1 Yard Hyderant for every 45 mts of Travel Distance along the Perimeter.

 Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

HSD Area & Air Compressor Shed

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 5.4 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters*	6.00 Meters
South	5 Meters	6.00 Meters
West	S Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
6	Internal Staircases	0 No 0.00 Meters
7	External Staircases	0 No 0.00 Meters
9 	Total	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Built up aren (Sq Mirs)	Оссиралсу Туре	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	554.34	Industrial	55	55	0.55	0.00
	Total	554.34		55			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
l	Fire Extinguishers	8 Nos.	8 Nos.

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SI	Fire Safety System	Proposed as per PNOC	Provided	
2	Hose Reel Systems	2 Nos.	0 Nos.	
3	Wet Riser	2 Nos (For Each Floor)	2 Nos (Foi Each Floor)	
4	Yard Hydrants	YH_30_YH	YH_30 _YH	
5	Automatic Sprinkler System	62 Nos.	0 Nos.	
6	Automatic Detection & Alarm System	10 Nos.	0 Nos.	
7	Underground Tank	150000 Ltrs	150000 Ltrs	
8	Terrace Tank	20000 Ltrs	20000 Ltrs	
9	Fire Pump	Note-11	Note-11	
10	Additional Fire Safety measures			

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI.	Finor				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pomp	Booster جنگ	Add
1	Ground Floor	8/8	2/0				62 /0	1/0	10 /0					
	Total	8 /8	2 <i>1</i> 0	2 Nos (For Each Floor) /2 Nos (For Each Floor)		YH_30 _YH /YH_30 _YH	 62 /0	1 /0	10 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	1ĺ	-1-	-1-

• WetRiser / DownComer - 100mm with single outlet landing valves.

- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire
 extinguisher for every 100 m2 of fioor area.
- Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

TG 3 & TG 3 Cooling Tower

The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of
 8.75 Mirs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.
 3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

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SI	Details of Staircases	Provided Nos / Meters
7	Internal Staircases	1 No 1.50 Meters
8	External Staircoses	1 No 1.50 Meters
	Total	3 Meters

S. The builder	has proposed	to provide Occi	mant Load :

SI	Flaor	Built up sres (Sq Mirs)	Оссирансу Туре	No of Occupants as declared by the builder	No of Occupants as per NBC-	Aggregate width of Staircases Required (Meters)	Aggregate width o Staircases Provided(Meters)
1	Ground floor	1632	Industrial	163	163	1.63	3.00
2	First Floor	805.7	Industrial	80	80	0.80	3.00
	Total	2437.7		243 '	······		· •

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

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S1	Fire Safety System	Proposed as per PNOC	Provided
	Fire Extinguishers	26 Nos.	26 Nos.
2	Hose Reel Systems	6 Nos.	6 Nos.
3 :	Wet Riser	4 Nos (For Each Floor)	4 Nos (For Each Floor)
4	Yard Hydrants	YH_45_YH	YH_45 _YH
5	Automatic Sprinkler System	204 Nos.	204 Nos.
6	Manually Operated Electric Fire Alarm System	3 Nos.	3 Nos.
7	Automatic Detection & Alarm System	45 Nos.	45 Nos.
8	Underground Tank	150000 Ltrs	150000 Ltrs
9	Terrace Tank	20000 Ltrs	20000 Ltrs
10	Fire Pump	Note-11	Note-11
11	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL.	Floor	Fire Ext.	Hos e R ze l	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pamp	Addi
1	Conned	17					136/136		20					
2	First Floor	979	2 /2				68 /68	1/1	15 /15					

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รเ	Floor	Fire Ext.	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Addi
	Total	26	6/6	4 Nos (For Each Floor)	na faa	YH_45 YH /YH_45 YH	204 /204		45 /45	150000 Ltrs /150000 Ltrs	20000 Ltrs	Note- 11		/

WetRiser / DownComer - 100mm with single outlet landing valves.

Provide ABC 5 kg/6 kg fire extinguishers

Provide 1 Yard Hyderant for every 45 mis of Travel Distance along the Perimeter.

 Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Cooling Tower

 The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 10.9 Mirs for Industrial Occupancy (Category - GI) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Bullder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Melers	6.00 Meters

5 Meters

4. The builder has constructed following means of escape:

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SI	Details of Stalreases	Provided Nos / Meters
8	Internal Staircases	0 No 0.00 Meters
9	External Staircases	0 No 0.00 Meters
	Total	0 Meters

6.00 Meters

5. The builder has proposed to provide Occupant Load :

sı	Floor	Built up area (Sq Mtrs)	Оссиряпсу Туре	as declared	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Stairceses Provided(Meters)
1	Ground Floor	1595.8	Industrial	159	159	t,59	0.00
	Total	1595.8		159	<u> </u>		

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

รเ	Fire Safety System	Proposed as per PNOC	Provided
	Fire Extinguishers	8 Nos.	8 Nos,
<u> </u>	Hose Reel Systems	4 Nos.	0 Nos.
1 4			10.00

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S1	Fire Safety System	Proposed as per FNOC	Provided
3	Down Comer	4 Nos (For Each Floor)	4 Nos (For Each Floor)
	Terrace Tank	25000 Ltrs	25000 Ltrs
	Booster Pump	450 LPM	450 LPM
6	Additional Fire Safety measures		T

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7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

S 1,		•			Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Addi
1	Ground Floor	8/8	4 /0				-/-	/	1					
	Total	8 /8	4 /0	/	4 Nos (For Each Floor) /4 Nos (Far Each Floor)	!	070	0 /0	0 /0	1	25000 Ltrs /25000 Ltrs	-1-	450 LPM /450 LPM	/

Provide ABC 5 kg/6 kg fire extinguishers

· WetRher / DownComer - 100mm with single outlet landing valves.

Acid Section

2. The builder has constructed a Multi Storeyed Building with Ground Floor + 3 Upper Floors with a height of 7 Mirs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

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3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Bullder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
9	Internal Staircases	1 No 1.50 Meters
	External Staircases	1 No 1.50 Meters
	Total	3 Meters

5. The builder has proposed to provide Occupant Load : •

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St	Floor	Built up 2722 (Sq Mtrs)	Оссвралсу Турс	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)				
ŧ	Ground Floor	1885.93	Industrial	188	188	1.88	3.00				
2	First Floor	463.54	Industrial	46	46	0.46	3.00				
3	Second Floor	463.54	Industrial	46	46	0.46	3.00				
4	Third Floor	163.11	Industrial	16	16	0.16	3.00				
	Total	2976.12		296	· · · · · ·						

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	31 Nos.	31 Nos.
2	Hose Reel Systems	7 Nos.	Q Nos.
3	Wet Riser	4 Nos (For Each Floor)	4 Nos (For Each Floor)
4	Yard Hydranis	ҮН_30_ҮН	YH_30 _YH
5	Automatic Sprinkler System	333 Nos.	0 Nos.
6	Manually Operated Electric Fire Alarm System	5 Nos.	0 Nos.
7	Automatic Detection & Alarm System	55 Nos.	0 Nos.
8	Underground Tank	150000 Lins	150000 Ltrs
9	Terrace Tank	20000 Ltrs	20000 Ltrs
、 10	Fire Pump	Note-11	Note-11
11	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL	L Diego P				Down Comet	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tenk	Terrace Tank	Fire Pump	Booster Pump	Addl
1	Ground Floor	19 /19	4/0	-			210/0	2 /0	34 /0					
2	First Floor	5 /5	1 /0				52 /0	1 /0	9 /0				-jky	· · ·
3	Second Floor	5 /5	1 /0				52 /0	1 /0	9/0					
4	Third Floor	2 /2	1 /0				19 /0	1 /0	3 /0					

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A.P. State Disester Response and Fire Services Department

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sı.	Floor				Down Comer	Yard Hydranis	Sprinklers	мср	Auto. Det.	Underground Taok			Booster Pump	Add
	Total	31 /31	7 <i>1</i> 0	4 Nos (For Each Floor) /4 Nos (For Each Floor)	1	YH_30 _YH /YH,30 _YH	333 /0	5 /0	55 <i>1</i> 0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11	_/_	` 1-

WetRiser / DownComer - 100mm with single outlet landing valves.

- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.
- Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- . Note 11: Provide required number of sets of pumps each consisting of 2 Electric and I Diesel Pump
- standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Molton Sulphur Tanks

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 11.4 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

3. The builder has provided open spaces all around the building

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
10	Internal Staircases	0 No 0.00 Meters
11	External Staircases	0 No 0.00 Meters
	Total	0 Meters

5. The builder has proposed to provide Occupant Load :

~	**** SI	Floor	Built up area (Sq Mirs)	Оссиралсу Туре		No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
	t	Ground Floor	1144.8	Industrial	114	114	1.14	0.00
Ì		Total	1144.8		114			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	12 Nos.	12 Nos.

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A.P. State Disaster Response and Fire Services Department

Fire Safety System	Proposed as per PNOC	Provided								
Hose Reel Systems	3 Nos.	0 Nos.								
Wet Riser	3 Nos (For Each Floor)	3 Nos (For Each Floor)								
Yard Hydranis	YH_30_YH	YH_30 _YH								
Automatic Sprinkler System	128 Nos.	128 Nos.								
Automatic Detection & Alarm System	21 Nos.	21 Nos.								
Underground Tank	150000 Ltrs	150000 Ltrs								
Terrace Tank	20000 Ltrs	20000 Ltra								
Fire Pump	Note-11	Note-11								
Additional Fire Safety measures										
	Fire Safety System Hose Reel Systems Wet Riser Yard Hydrants Automatic Sprinkler System Automatic Detection & Alarm System Underground Tank Terrace Tank Fire Pump	Fire Safety SystemProposed as per PNOCHose Reel Systems3 Nos.Wet Riser3 Nos (For Each Floor)Yard HydrantsYH_30_YHAutomatic Sprinkler System128 Nos.Automatic Detection & Alarm System21 Nos.Underground Tank150000 LtrsTerrace Tank20006 LtrsFire PumpNote-11								

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL	i kinor		4		Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
I	Ground Floor	12 /12	1370				128/128	313	.21 /21					
	Total	12 /12	3 /0	3 Nos (For Each Floor) /3 Nos (For Each Floor)		ҮН_30 _ҮН /ҮН_30 _ҮН	128 /128	3 /3	21 /21	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	II	-/	/

WetRiser / DownComer - 100mm with single outlet landing valves.

- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.
- Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Control Room

 The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 12 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builde			
North	3 Meters	6.00 Meters			
East	5 Meters	6,00 Meters			
South	5 Meters	6.00 Meters			
West	5 Meters	6.00 Meters			

4. The builder has constructed following means of escape:

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A.P. State Disester Response and Fire Services Department

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1	Sl	Details of Staircases	Provided Nos / Meters
:	11	Internal Staircases	1 No 1.50 Meters
1	12	External Staircases _	1 No 1.50 Meters
•		Total	3 Meters

5. The builder has proposed to provide Occupant Load : .

SI	Floor	Built up area (Sq Mtrs)	Оссирансу Туре		No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	676.8	Industrial	67	67	0.67	3.00
2	First Floor	676.8	Industrial	67	67	0.67	3.00
	Total	1353.6		134			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

51	Fire Safety System	Proposed as per FNOC	Provided
1	Fire Extinguishers	14 Nos.	14 Nos.
2	Hose Reti Systems	4 Nos.	4 Nos.
3	Down Comer	2 Nos (For Each Floor)	2 Nos (For Each Floor)
4	Automatic Sprinkler System	114 Nos.	114 Nos.
	Manually Operated Electric Fire Alarm System	2 Nos.	2 Nos.
6	Automatic Detection & Alarm System	26 Nos.	26 Nos.
7	Terrace Tank	50000 Ltrs	50000 Ltrs
8	Additional Fire Safety measures		T

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016

SI.	i Door		6 I		Down Comer	Yard Hydranis	Sprinklers	мср	Auto. Det.	Underground Tank		Booster Pump	
1	Ground Floor	117	2/2				57 /57	1/1	13 /13				
2	First Floor	117	2/2				57 /57	1/1	13 /13			 	
	Total	14 /14	1 A 14 I	-1-	2 Nos (For Each Floor) /2 Nos (For Each Floor)		114/114	272	26 726	1	50000 Ltrs /50000 Ltrs	Note-11 /Note- 11	/-

Provide ABC 5 kg/6 kg fire extinguishers

WetRiser / DownComer - 100mm with single outlet landing valves.

Gas Section

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A.P. State Disaster Response and Fire Services Department

2. The builder has constructed a Multi Storeyed Building with Ground Floor + 2 Upper Floors with a height of 11 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Melers	6.00 Meters
West	- S Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
12	Internal Staircases	0 No 0.09 Meters
13	External Staircases	1 No 1.50 Meters
	Total	1.5 Meters

5. The builder has proposed to provide Occupant Load :

	Şı	Floor	Built up area (Sq Mtrs)	Осспрялсу Туре	No of Occupants as declared .by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)	
ſ	1	Ground Floor	1629.7	Industrial	162	162	1.62	1.50	
ſ	2	First Floor	124,5	Industrial	12	12	0.12	1.50	
	3	Second Floor	124.5	Industrial	12	12	0.12	1.50 ^{-4.5}	
Ī		Total	1878.7		186				

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided	
:	Fire Extinguishers	25 Nos.	25 Nos.	
2	Hose Reel Systems	6 Nos.	0 Nos.	
3	Wet Riser	4 Nos (For Each Floor)	4 Nos (For Each Floor)	
4	Yard Hydrants	ҮН_30_ҮН	YH_30 _YH	
5	Automatic Sprinkler System	209 Nos.	0 Nos.	
6	Manually Operated Electric Fire Alarm System	3 Nos.	0 Nos.	
7	Automatic Detection & Alarm System	35 Nos.	0 Nos.	
8	Underground Tank	150000 Ltrs	150000 Ltrs	
9	Terrace Tank	20000 Ltrs	20000 Ltr	
10	Fire Pump	Note-11	Nuie-11	
11	Additional Fire Safety measures			

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC

of	ndia 2(316.		
		FireHose	Wet	Dov

•	SI.	Floor	Fire Ext.	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
•	1	Ground Floor	11	4 /0				181 /0		29 /0	r				
	2	Fitst Floor	4 /4	1 /0				14 /0	1 /0	3 /0					
	3	Second Floor	4 /4	1 /0					17/0	3 /0					
* 4		** Total	25 /25	6 /0	4 Nos (For Each Floor) /4 Nos (For Each Floor)		ҮН_30 _ҮН /ҮН_30 _ҮН	209 /0	3 /0	35 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11		/

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- WetRiser / DownComer 100mm with single outlet landing valves.
- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.
- · Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Sulphur Godown

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 12 Mirs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

	Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder		
,	North	3 Meters	6.00 Meters		
	East	5 Meters	5.00 Meters		
	South	5 Meters	6,00 Meters		
	West	5 Meters	6.00 Meters		

3. The builder has provided open spaces all around the building

4.	The bui	lder has	constructed	following	means of	escape:
----	---------	----------	-------------	-----------	----------	---------

SI	Details of Staircases	Provided Nos / Meters
13	Internal Staircases	0 No 0.00 Meters
14	External Staircases	0 No 0.00 Meters
· · · · · · · · · · · · · · · · · · ·	Total	0 Meters

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5. The builder has proposed to provide Occupant Load :

SI	Floor	Built up area (Sq Mtr3)	Сесиряасу Туре	1	No of Occupants as per NBC	Staircases	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	1431.3	Industrial	143	143	1.43	0.00

11/15/23, 4	1:30 PM			A.P. Sta	de Disaster Ros;	conse and Fire Se	rvices Departmen	u
:	SI	Floor	Bulit up area (Sq Mirs)	Оссиралсу Туре	as declared	No of Occupants its per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
		Total	1431.3		143			

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6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	15 Nos.	15 Nos.
2	Hose Reel Systems	3 Nos.	0 Nos.
3	Wet Riser	3 Nos (For Each Floor)	3 Nos (For Each Floor)
4	Yard Hydrants	YH_30_YH	YH_30 _YH
5	Automatic Sprinkler System	160 Nos.	160 Nos.
6	Automatic Detection & Alarm System	26 Nos,	0 Nos.
7	Underground Tank	150000 Ltrs	150000 Ltrs
8	Terrace Tank	20000 Ltrs	20000 Ltrs
9	Fire Pump	Note-11	Note-11
10	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting Installations as per Table 7 of Part - 4 of NBC of India 2016.

S1.	Flone				Down Comer	Yard Hydrants	Sprinklers	мср	Aulo. Det.	U.,.derground Tank	Terrace Tank	Fire Pump	Booster Pump	Addi
1	Ground Floor	15 /15	17/0				160/160	3/3	26/0					- -
	Total	15 /15	3 /0	3 Nos (For Each Floor) /3 Nos (For Each Floor)	/	ҮН_30 _ҮН /ҮН_30 _ҮН	160/160	373	26 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11	1	/

WetRiser / DownComer - 100mm with single outlet landing valves.

• In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.

· Provide 1 Yard Hyderant for every 30 mis of Travel Distance along the Perimeter.

 Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

8. The Officers of the department have recommended to issue The No Objection Certificate for Occupancy of MSB Industrial Building (G1) belonging to NAGARAJU D Coromandel International Limited Sriharlpuram, subject to the following conditions.

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A.P. Stole Disaster Response and Fire Services Department

The No Objection Certificate for Occupancy is issued subject to the following conditions:

- 1. This NOC is issued only in the Fire Safety Point of View and this doesnot give the Applicant a right to claim ownership of the property.
- 2. All fire safety systems provided shall be maintained in trim working condition at all times.
- 3. All Security/ Maintenance personnel shall be trained on the usage of fire equipment provided.
- 4. Fire Drills shall be conducted once in every 3 months.
- 5. As per report of MSB Inspection committee; the NOC Committee has sentimized the Inspection Committee Report along with Proposals and recommended for issuance of No Objection Certificate for Occupancy subject to the following Conditions,

SI	As Builder	As Occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	Ail the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personner shall be trained to operate the fire safety
4	This No objection Certificate for occupancy is valid for one year from the date of issue of this letter	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once from nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

6. This No Objection Certificate for Occupancy is valid for a period of Two(02) years only from the date of issue of this letter. It is the responsibility of the builder to apply for Renewal of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.71, Home (Prison-A) Department, dated 01-04-2010 and G.O.Ms.No.140, Home (Prison & Fire) Department, dated.04-09-2015, before expiry of this No Objection Certificate.

9. The following deficiencies are identified by the officers of the department and need to be attended to by the management.

In view of the above, as per the recommendations of the NOC Committee, the No Objection Certificate for Occupancy is hereby issued to the Newly constructed Multi-Storeyed Building subject to the above conditions.

Your Sincerely

Director General State Disaster Response & Fire Services Andhra Pradesh, Vijayawada

Copy to NAGARAJU D, The management of Coromandel International Limited, Visakhapatnam, HQEsXMryLIZfe8msZ8HAnRgxXMDA3aU7EsGu97DaPmT7 Copy to Chief Office for Record Purpose Copy to Regional Fire Officer concerned

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A.P. State Disaster Response and Fire Services Department

Copy to District Fire Officer concerned

Copy to Assistant District Fire Officer concerned

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Print Back



भारत सरकार Government of India वागिज्य और उद्योग मंत्रालय Ministry of Commerce & Industry पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो) Petroleum & Explosives Safety Organisation (PESO) डोर न. ७-२०-१३, किरलामपुडी लेआउट विश्वाखापट्टनम- 530017 Door No. 7-20-13, Kirlampudi Layout, Visakhapatanam - 530017

Only Approval (no Licence) फ़ीस रु. /Fees : Rs. 2000 /- (अनुमोदन) Approval for permission संख्या /No. : A/P/SZ/AP/15/89 (P599677) E-mail : dyccevizag@explosives.gov.in Phone/Fax No : 0891-2722257 दिनांक /Dated : 21/06/2024

सेवा

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M/s. COROMANDEL INTERNATIONAL LIMITED, Sriharipuram, Visakhapatnam Urban, Visakhapatnam, Sriharipuram, Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM State: Andhra Pradesh PIN: 530011

विषय

/Sub पेट्रोलियम वर्ग "ग" के भंडारण संदर्भ में.

Ξ,

Storage of Petroleum not exceeding 41 KL Class C.

महोदय /Dear

Sir(s),

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या OIN1692266 दिनांक 20/06/2024 का संदर्भ ग्रहण करें । Please refer to your letter No OIN1692266 dated 20/06/2024.

पेट्रोलियम नियम, 2002 के अंतर्गत नियम 140 के अधिन आपके Survey No, --, Sriharipuram, Sriharipuram, Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, PIN: 530011 स्थित परिसर में 41 KL किलोलीटर पेट्रोलियम वर्ग "ग" के भंडारण संबंधी सूचना नोट की गई है. संबंधित आरेखण की प्रतिलिपि इस कार्यालय की मोहर के साथ संलय है.-कृपया नोट करें कि अगर पेट्रोलियम वर्ग "ग" Class C का किसी एक समय भंडारण 45 KL किलोलीटर से अधिक होता है तो आपको इस कार्यालय से अनुज्ञप्ति प्राप्त करनी होगी. आपके इन्स्टालेशन को लागु पेट्रोलियन नियम, 2002 के अध्याय VI में किए गए प्रावधानों का कडाई से पालन करें.

Your intimation under Rule 140 of Petroleum Rules 2002 regarding storage of 41 KL of Class C in your factory premises at Survey No, --, Sriharipuram, Sriharipuram, Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, PIN: 530011 is noted and a copy of drawing bearing this office stamp is enclosed. In case of any addition/alteration, revised drawings/documents may be submitted to this office for reissue of the permission. Please note that you will have to take out a Licence if storage of Class C exceeds 45 KL at any one time. This provisions of Chapter VI of Petroleum Rules, 2002 as applicable to your installation should be strictly observed.

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्यभ विधियों से छूट नही देती है ।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

Yours faithfully,

Tours rainning,

((जे.सरकार) (J. Sarkar))

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(J. Sarkar)) उप मुख्य विस्फोटक नियंत्रक Dy. Chief Controller of Explosives विश्वाखापट्टनम/Visakhapatanam

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें) (For more information regarding status,fees and other details please visit our website http://peso.gov.in) Note:-This is system generated document does not require signature.

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Coromandel International Limited

Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 Oll, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz : L24120AP1961PLC000892 CIN GSTIN: 37AAACC7852K1ZC

EHS/MoEF/2025 - 070

31/05/2025

To The Director, Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-600034.

Dear Sir,

Sub: Half Yearly EC (CRZ Clearance) Compliance Report- regd.

Ref: F. No. F.NO: 11/5/2022-IA.III dated 24.03.2022

Please find the attached half yearly compliance report of CRZ Clearance issued by MOEFCC for construction of seawater plant (Desalination plant) with capacity of 15 MLD.

Period of submission : Oct'24 to Mar'25 Unit : Coromandel International Limited, Visakhapatnam

Thanking You,

For Coromandel International Limited

M. Gnanasundaram VP - Head Manufacturing

DNR : a/a

Encl

The Member Secretary, Head Office-APPCB, Vijayawada CC: Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



EHS2-Vizag-Coromandel

From:	Nagarjuna-P-Mgr-EHS-Vizag-Coromandel
Sent:	02 June 2025 16:42
To:	eccompliance-ap@gov.in; rovspappcb@gmail.com; zovspappcb@gmail.com
Cc:	EHS2-Vizag-Coromandel; Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel;
	Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
	AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:	Half Yearly EC (CRZ Clearance) Compliance Report- regd.
Attachments:	EC CRZ compliance Desalination Plant (Oct -2024 to March -2025).pdf

Dear Sir,

Ref: F. No. F.NO: 11/5/2022-IA.III dated 24.03.2022

Please find the attached half yearly compliance report of CRZ Clearance issued by MOEFCC for construction of seawater plant (Desalination plant) with capacity of 15 MLD.

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Period of submission : October -2024 to March-2025

Unit : Coromandel International Limited, Visakhapatnam.

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F; +91 891-2578400 W: www.coromandel.biz AMURUGAPPA GROUP COMPANY

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Coromandel International Limited, Visakhapatnam

Compliance status of Environment clearance

-2.00

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CRZ Clearance for construction of seawater plant (Desailnation plant) with capacity of 15 MLD

F.NO: 11/5/2022-IA.III DT: 24.03.2022

For the period from Oct-2024 to March-2025

5.NO	CONDITIONS	COMPLIANCE
	A – SPECIFIC CONDITIONS	
1	All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.	Noted.
2	No storage reservoir for sea water shall be permitted and only pipelines conveyance system shall be installed.	Noted.
3	No ground water shall be extracted within CRZ area to meet water requirements during the construction and/or operational phase of the project.	Noted, we are not extracting any groundwater. Our water requirement is made through the existing desalination plant of 6 MLD and water supply from GVMC.
••••4 ~••	No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction.	Noted and complied.
5	Any physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.	Noted.
6	All the conditions stipulated by the Andhra Pradesh Coastal Zone Management Authority for CRZ clearance vide its letter no: 307/CRZ/IND/2021 dt: 18.01.2022 and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.	Noted
7	All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.	Complied. We have obtained all the prior approvals prior to the commencement of the project. Reference CFO & CFE from APPCB. CFO order APPCB/VSP/65/CFO/HO/1967 dated. 04.08.2023 and CFE order No. 65/APPCB/CFE/RO-VSP/HO/2012 dated 22.11.2022.
PART -	- B - GENERAL CONDITIONS	
1	Management of solid waste in accordance with the Solid waste Management Rules, 2016 shall be strictly implemented.	Noted, Solid waste management is being handled as per the solid waste management rules as applicable.
2	Consent to Establish and or Consent to Operate shall be obtained from State Pollution Control	The Consent to Establish and/or Consent to Operate has been obtained from the

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Coremandel International Limited, Visakhapatnam

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	Board under the provisions of Air (Prevention	APPCB under the provisions of the Air
	and Control of Pollution) Act, 1981 and/or the Water (Prevention and Control of Pollution) Act, 1974 as may be applicable.	(Prevention and Control of Pollution) Act, 1981 and/or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable. CFE & CFO from APPCB. CFE order No. 65/APPCB/CFE/RO- VSP/HO/2012 dated 22.11.2022 and CFO order APPCB/VSP/65/CFO/HO/1967 dated. 04.08.2023.
3	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Complied. We will ensure that the disposal of muck during the construction phase will not create any adverse effects on the neighboring communities. All muck will be disposed of with the necessary precautions for general safety and health aspects of people. Disposal will occur only in approved sites, with the approval of the competent authority, ensuring minimal impact on the environment and surrounding population.
4	All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent into the Sea/coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and/or HVAC Colling purposes etc within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.	Presently we have completed construction of 06MLD out of total capacity 15MLD and presently generating around 10000 KLD Per day of the generation of brine from the process which is being disposed into the sea through the existing discharge canal.
5	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Noted
6	A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/State pollution control board. The clearance letter shall also be displayed at the regional office, District industries center and Collectors Office/Tehsildars office for 30days.	Complied.
7	A Six-monthly monitoring report shall need to be submitted by the project proponent to the	Noted

Coromandel International Limited, Visakhapatnam

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	concerned regional office of this Ministry regarding the implementation of the stipulated conditions.	We liberally submitted half yearly report to submitted concerned authorities
8	The Ministry of Environment, Forest & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	Noted and will be adhered.
9	The above stipulations would be enforced among others under the provisions of the Water (Prevention and Control of pollution) Act, 1974	Noted
10	Full co-operation shall be extended to the officials from the regional office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF &CC shall be forwarded to the concerned Regional Office of MoEF & CC.	Complied The full cooperation shall be extended to the officials from the Regional Office of MoEF &CC during their monitoring of the implementation of environmental safeguards. All requested documents and data shall be promptly made available to the monitoring team.
11	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted
12	The ministry reserves the right to add additional safeguard measures subsequently, if considered necessary and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection). Act, 1986 for non-compliance.	Noted
13	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc shall be obtained, as applicable by project proponent from the respective competent authorities.	Noted Storage of Diesel from Chief Controller of Explosives valid up to 31/12/2029 Fire Department Fire NOC Valid Up to 14/11/2025 A copy of the PESO & Fire NOC enclosed in Annexure - 01
14	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at	Complied The copy of the advertisements was forwarded to the Ministry vide our letter Date - 08-04-2022.

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	http://www.envfor.nic.in. The advertisement	
	should be made within seven days from the	
	date of receipt of the clearance letter and a	-49-20
	copy of the same should be forwarded to the	
	concerned Regional Office of this Ministry.	
15	A copy of the clearance letter shall be sent by	Complied
	the proponent to concerned Panchayat, Zilla	An acknowledgment copy is attached in
	Parisad/Municipal Corporation, Urban Local	Annexure - 02
	body and the Local NGO, if any from whom	
	suggestions/representations, if any were	
	received while processing the proposal.	
16	The proponent shall upload the status of	Complied
	compliance of the stipulated conditions,	We are regularly sending the Half yearly
	including results of monitored data on their	Report along with all the monitoring data
	website and shall update the same periodically.	to the concerned authorities.
	It shall simultaneously be sent to the Regional	The report is also hosted on the
	Office of MoEF&CC, the respective Zonal office	Company's WEB Site: -
	of CPCB and the SPCB.	https://www.coromandel.biz/sustainabili
		ty/environment/
17	The environmental statement for each financial	Complied.
	year ending 31 st March in form –V as is	The environmental statement for the year
	mandated to be submitted by the project	FY:2023-24 has been submitted ON
	proponent to the concerned State Pollution	27.09.2024 Copy of the acknowledgment
	Control Board as prescribed under the	herewith is enclosed as Annexure-03.
	Environment (Protection) Rules, 1986 as	The report is also hosted on the
	amended subsequently, shall also be put on the	Company's WEB Site: -
	website of the project proponent along with	https://www.coromandel.biz/sustainabili
	the status of compliance of clearance	ty/environment/
	conditions and shall also be sent to the	
	respective Regional office of the Ministry by e-	
	mail.	
	mail.	

Annexure -2

्यांग्ल संरकार Government of India बायिज्य और बग्रीग मंत्रालय Ministry of Commerce & Industry पेट्रोसियन तथा बिस्फोटक पुरदा संगठन (पेसी) हिराद्य (के 2005) के 100 (PESO) बीर य. क-20-53, बिरायायपूर्व में आउट विद्याखायपूर्व - 530017 Door No. 7-20-13, Kitampatanan - 530017

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E-ms8 : dyccevizag@explosives.gov.in Phone/Fax No : 0891-2722257

दिनांक /Dated : 23/10/2024

मळ्या /No. : P/HQ/AP/15/846 (P4309) सेन्द्र में /To.

M/S. COROMANDEL FERTILIZERS LTD., P.B.NO.125,217/97,, VISAKAPATNAM, Visakhapatnam, Visakhapatnam (Rural), Taluka: Visakhapatnam (Rural), District: VISAKHAPATNAM, **** State: Andhra Pradesh PIN: 530001

Plot No, NA, VISAKHAPATNAM, VISAKHAPATNAM, Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, PIN: 530011 में स्थित विद्यमान पेट्रोलियम वर्ग B,C अधिष्ठापन में अनुज्ञप्ति सं P/HQ/AP/15/846 (P4309) के नवीकरण के संदर्भ में । Existing Petroleum Class B,C Installation at Plot No, NA, VISAKHAPATNAM, VISAKHAPATNAM, Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, PIN: 530011 - Licence No. P/HQ/AP/15/846 (P4309) - Renewal regarding.

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कृपया आपके पत्र क्रमांक OIN1?99207 दिनांक 22/10/2024 का अवलोकन करें ।

Please refer to your letter No.: OIN1789207, dated 22/10/2024 अनुज्ञप्ति संख्या P/HQ/AP/15/846 (P4309) दिनांक 14/11/1990 को दिनांक 31/12/2029 तक नवीनीकृत कर इस पत्र के साथ अग्रषित की जा रही है ।

Licence No. P/HQ/AP/15/846 (P4309) dated 14/11/1990 is forwarded herewith duly renewed up to 31/12/2029.

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें । *** अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व कार्यालय को प्रेषित करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence so as to reach this office on or before the date on which Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((থী, মাহৰাবে) (J. Sarkar)) বয় দুজ্য বিক্ষাহজ নিৰ্মাষণ Dy. Chief Controller of Exploaives বিষ্যায়-দুৰাৰ/Visekhopatanen

Note:-This is system generated document does not require signature. (এটাকে আনকাটা দাঁই আবহন কা ফিটা, যুক্কে মথ্য জন্ম বিবলে ক নিয় চনাটা বৰমায়ত্ৰ : http://peso.gov.in হৈট) [For more information regarding status,fees and other details please visit our website: http://peso.gov.in)

Government of Andhra Pradesh

A.P. State Disaster Response and Fire Services Department

No Objection Certificate for Occupancy

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File No: 20042/VSP/MSB/2023 Date: 15/11/2023

To The District Industrial Center, Visakhopatnam

Sir/Madam,

Ref:

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - No Objection Certificate for Occupancy to the existing / newly constructed Multi Storeyed Building (Coromandel International Limited, Visakhapatnam) NAGARAJU D, Coromandel International Limited Sriharlpuram - Regarding.

I. Online Application Dt. 04-11-2023, NAGARAJU D, Coromandel International Limited Sriharipuram

2. Online Inspection Report submitted by Officers of this Department on 18-10-2023,

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It is to inform that NAGARAJU D applied for No Objection Certificate on 04-11-2023 for Occupancy to the existing *i* newly constructed Multi Storeyed Building for Coromandel International Limited, Visakhapatnam at Coromandel International Limited Sriharipuram. The officers of the department have scrutinized the information, documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

Fire Station

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 4.5 Mtrs for industrial Occupancy (Category - G1) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

	SI	Details of Staircases	Provided Nos / Meters
	1	Internal Staircases	0 No 0.00 Meters
	2	External Staircases	0 No 0.00 Meters
-mi	4 1.200 0-0-1	Total	. 0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Built up aren (Sq Mtrs)	Оссиралсу Туре	Type as declared Occup by the ss per builder		Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
* I +	Ground Floor	113.5	Industrial	н	11	0.11	0.00
	Total	113.5		11			

A.P. State Disester Response and Pro Servicos Department

11/15/23, 4:30 PM

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6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	1 Nos.	I Nos.
2	Hose Reel Systems	I Nos.	0 Nos.
3	Terrace Tank	20000 Ltrs	20000 Ltm
4	Booster Pump		
5	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of Iodia 2016.

SI.	Floar	Flri Ext	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	MCP	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pamp	Addi
1	Ground Floor	1					/	/	-/-					
					-1-	[0 /0	070	0 <i>1</i> 0	1	20000 Ltrs /20000 Ltrs		-/-	/

· Provide ABC 5 kg/6 kg fire extinguishers

Sulphuric Acid Tank

 The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 13,25 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Melers	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Metera
2	Internal Staircases	0 No 0.00 Meters
3	External Staircases	0 No 0.00 Meters
· <u> </u>	Total ;	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Fleor	Built up area (Sq Mtrs)	Occupancy Type	4	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	3354.4	Industrial	335	335	3.35	0.00
	Total	3354.4		335			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Salety System	Proposed 25 per PNOC	Provided	
1	Fire Extinguisbers	34 Nos.	34 Nos.	
2	Hose Reel Systems	7 Nos.	0 Nos.	
3	Wet Riser	7 Nos (For Each Floor)	7 Nos (For Each Floor)	
• •••t]·	Yard Hydrants	YH_30_YH	YH_30 _YH	
5	Automatic Sprinkler System	373 Nos.	0 Nos.	
6	Automatic Detection & Alarm System	60 Nos.	0 Nos.	
7	Underground Tank 1	150000 Lus	150000 Ltrs	
8	Terrace Tank	20000 Ltrs	20000 Ltrs	
9	Fire Pump	Note-11	Note-11	
10	Additional Fire Safety measures			

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI.	Floor				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pamp	Booster Pump	Add
1	Ground Floor	34 /34	7/0				373 /0	4 /0	60 / 0					
	Total	34 /34	7 /0	7 Nos (For Each Floor) /7 Nos (For Each Floor)		YH_30 _YH /YH_30 _YH	[.] 373 <i>1</i> 0	4 /0	60 <i>1</i> 0	150000 Ltrs /150000 Ltrs	20000 Lirs /20000 Lurs	II		/

WetRiser / DownComer - 100mm with single outlet landing valves.

In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire
extinguisher for every 100 m2 of floor area.

· Provide 1 Yard Hyderant for every 30 mts of Travel Distonce along the Perimeter.

• Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Technical Building

2. The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 9 Mus for Industrial Occupancy (Cat:gory - G2) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder		
North	3 Meters'	6.00 Meters		
East	5 Meters	6.00 Meters		

11/15/23, 4:30 PM		A.P. State Disaster Response and F	m Services Department
	Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
	South	5 Meters	6.00 Meters
	West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

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SI	Details of Staircases	Provided Nos / Meters
3	Internal Staircases	I No 1.50 Meters
4	External Staircases	1 No 1,50 Micters
	Total	3 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Built up sres (Sq Mtrs)	Оссиравсу Туре	'No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	415	Industrial	41	41	0.41	3.00
2	First Floor	415	Industrial	41	41	0.41	3.00
	Total	830		82			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	10 Nos.	10 Nos.
2	Hose Reel Systems	2 Nos.	2 Nos.
3	Automatic Sprinkler System	71 Nos.	71 Nos.
4	Terrace Tank	20000 Ltrs	20000 Ltrs
5	Booster Pump	900	900
6	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL.					Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Flre Pomp	Booster Pump	Addi
1	Ground Floor	5 /5	1/1				36/36	1	-/-					
2	First Floor	5 /5	1/1				35/35	/	/					
	Total	10 /10	2/2	/	/	[71/71	Q /O	0 /0	1	20000 Ltrs /20000 Ltrs	-/-	900 /900	*≁ <i>I</i>

Provide ABC 5 kg/6 kg fire extinguishers

Center of Excellence Building (COE)

2. The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 9 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.

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A.P. Stale Disaster Response and Fire Services Department

3. The builder has provided open spaces all around the building

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•	Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
. [North	3 Meters	6.00 Meters
Ī	East	5 Meters	6.00 Meters
ſ	South	5 Meters	6.00 Meters
l	West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
4	Internal Staircases	1 No 1.50 Meters
5	External Staircases	I. No 1.50 Meters
	Total .	3 Meters

5. The builder has proposed to provide Occupant Load :

	SI	Floor	Built up area (Sq Mtrs)	Оссирансу Туре	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
	L	Ground Floor	462	Industrial	46	46	0.46	3.00
ſ	2	First Floor	462	Industrial	46 '	46	0.46	3.00
		Totai	924		92	<u>_</u>		· ·

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	10 Nos.	10 Nos.
2	Hose Reel Systems	2 Nos.	2 Nos.
3	Automatic Sprinkler System	78 Nos.	78 Nos.
4	Terrace Tank	20000 Ltrs	20000 Lurs
5	Booster Pump	900	900
6	Additional Fire Safety measures	1	1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

	SI.	Floor	Fire Ext.	Hose Reel	Wet Riser	Down Comer	Yard Hydrauts	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pamp	Addi
1	3× 1	Stound Floor	5 /5	1/1				39 /39		/		·			
	2	First Floor	5 <i>/</i> 5	1/1				39/39	-/-	/					·
		Total	10 /10	2 /2	/	-/-	/	78 /78	0/0	0/0	/	20000 Ltrs /20000 Ltrs	/	900 /900	/

*** Provide ABC 5 kg/6 kg fire extinguishers

Desalination Plant,

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A.P. State Disaster Response and Pire Services Department

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 9 Mtrs for Iodustrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SL	Details of Staircases	Provided Nos / Meters
5	· Internal Staircases	0 No 0.00 Maters
6	External Staircases	0 No 0.00 Meters
[Toinl	0 Meters

5. The builder has proposed to provide Occupant Load ?

ន	Floor	Built up ares (Sq Mirs)	Оссирапсу Туре	No of Occupants as declared by the builder	No of Occupants as per NDC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground floor	5400	Industrial	540	540	5.40	0.00
	Total	5400		540			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SL	Fire Safety System	Proposed as per PNOC	Provided	
1	Fire Extinguishers	54 Nos.	54 Nos.	
2	Hose Reel Systems	11 Nos.	0 Nos.	
3	. Wet Riser	11 Nos (For Each Floor)	II Nos (For Each Trioor)	
4	Yard Hydrants	YH_45_YH	YH_45 _YH	
5	Automatic Sprinkler System	450 Nos.	0 Nos.	
6	Automatic Detection & Alarm System	96 Nos.	0 Nos.	
7	Underground Tank	150000 Ltrs	150000 Ltrs	
8	Terrace Tank	20000 Ltrs	20000 Ltr	
9	Fire Pump :	Note-11	Note-11	
10	Additional Fire Safety measures			

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI	A Distance of the second				Yard Hydraots	Sprinklers	мср	Auto. Det.	Underground Tauk	Terrace Tank	Fire Pump	Booster Pump	Addi
1	Ground floor	54 /54	11 /0			450 /0	6 <i>1</i> 0	96 /0				 	

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SL	Floor	Fire	Hose	Wet	Down	Yard	Sprinklers	MCP	Auto. Det.	Underground Tank	Terrace Tank		1
			VCEI	11	Conter	11901 4113			Dea				
				11									
				Nos							1		
				(For									
		1		Each		YH_45					20000	Note-	
	—	54		Floor)		_YH	460.00	e m	0 <i>6 I</i> 0	150000 Ltrs	Ltrs	11	
	Total	154	11 /0	/11	-1-	/YH_45	450 <i>1</i> 0	0/0	96/0	/150000 Ltrs	/20000	Note-	/-

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Ltrs

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-WetRiser / DownComer - 100mm with single outlet landing valves.

YH

Provide ABC 5 kg/6 kg fire extinguishers

Nos

(For Each Floor)

- Provide 1 Yard Hyderant for every 45 mts of Travel Distance along the Perimeter.

Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

HSD Area & Air Compressor Shed

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 5.4 Mirs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters ⁴	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

1	SI	Details of Staircases	Provided Nos / Meters
	6	Internal Staircases	0 No 0.00 Meters
	7	External Staircases	0 No 0.00 Meters
ا د-		Total	O Meters

5. The builder has proposed to provide Occupant Load :

SI	Flaor	Built up area (Sq Mirs)	Оссиралсу Туре	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	554.34	Industrial	55	55	0.55	0.00
	Total	554.34		55			

G. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Salety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	8 Nos.	8 Nos.

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11/15/23, 4:30 P	7 M	- A.P. State Disaster Response and Fire	+ Services Department	
	Sì	Fire Safety System	Proposed as per PNOC	Provided
	2	Hose Reel Systems	2 Nos.	0 Nos.
	3	Wet Riser	2 Nos (For Each Floar)	2 Nos (For Each Floor)
	4	Yard Hydrants	YH_30_YH	YH_30 _YH
	5	Automatic Sprinkler System	62 Nos.	0 Nos.
	6	Automatic Detection & Alarm System	10 Nos.	0 Nos.
	7	Underground Tank	150000 Lus	150000 Ltrs
	8	Terrace Tank	20000 Ltrs	20000 Ltrs
	9	Fire Pump	Note-11	Note-11
	10	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI.	Floor				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Præg	Addi
1	Ground Floor	8/8	2 /0				62 /0	170	1070					
	Total	8 /8	2/0	2 Nos (For Each Floor) /2 Nos (For Each Floor)		YH_30 _YH /YH_30 _YH	62 <i>1</i> 0	170	10 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11		-1-

WetRiser / DownComer - 100mm with single outlet landing valves.

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- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.
- · Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 186 Litres/min.

TG 3 & TG 3 Cooling Tower

The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of
 8.75 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

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	S!	Details of Staircases	Provided Nos / Meters		
•	7	Internal Staircases	1 No 1.50 Meters		
	8	External Staircases	1 No 1.50 Meters		
		Total	3 Meters		

~5	Sl ₄₄	Floor	Built up aren (Sq Mirs)	Оссиралсу Туре	•	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
	1	Ground floor	1632	Industrial	163	163	1.63	3.00
ĺ	2	First Floor	805.7	Industrial	80	80	0.80	3.00
Į		Total	2437.7		243 i			

5. The builder has proposed to provide Occupant Load :

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

St	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	26 Nos,	26 Nos.
2	Hose Reel Systems	6 Nos.	6 Nos.
3	Wet Riser	4 Nos (For Each Floor)	4 Nes (For Each Floor)
4	Yard Hydranis	YH_45_YH	YH_45 _YH
5	Automatic Sprinkler System	204 Nos.	204 Nos.
6	Manually Operated Electric Fire Alarm System	3 Nos.	3 Nos.
7	Automatic Detection & Alarm System	45 Nos.	45 Nos.
8	Underground Tank	150000 Ltrs	150000 Ltrs
9	Terrace Tank	20000 Ltrs	20000 Lus
10	Fire Pump	Note-11	Note-11
11	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

S1.				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
1	Ground ficor	17 /17	4 /4			136/136	212	30 /30					
2	First		2/2			68 /68	1/1	15 /15				;	

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A.P. State Disastar Response and Fire Services Department

SI.					Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
	Total	26 /26	676	4 Nos (For Each Floor) /4 Nos (For Each Floor)	/	ҮН_45 _ҮН /ҮН_45 _ҮН	204 /204	373	45 /45	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	п		-1-

WetRiser / DownComer - 100mm with single outlet landing valves.

Provide ABC 5 kg/6 kg fire extinguishers

Provide 1 Yard Hyderant for every 45 mis of Travel Distance along the Perimeter.

 Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Cooling Tower

 The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 10.9 Mirs for Industrial Occupancy (Category - G1) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	19 Open Space Provided by the Bull				
North	3 Meters	6.00 Meters				
East	5 Melers	6.00 Meters				
South	S Melers	6.00 Meters				
West	5 Meters	6.00 Meters				

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
8	Internal Staircases	0 No 0.00 Meters
9	External Staircases	0 No 0.00 Meters
	Total	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Built up area (Sq Mtrs)	Оссиралсу Туре		No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	1595.8	Industrial	159	159	1.59	0.00
	Total	1595.8		159			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

St	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	8 Nos.	8 Nos.
2	Hose Reel Systems	4 Nos.	0 Nos.

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11/15/23,4	30 PM	A.P. State Disaster Response and Fire Services Department								
	SI	Fire Safety System	Fire Safety System Proposed as per PNOC							
* B-	3	Down Comer	4 Nos (For Each Floor)	4 Nos (For Each Floor)						
		Terrace Tank	25000 Ltrs	25000 Ltrs						
		Booster Pump	450 LPM	450 LPM						
	6	Additional Fire Safety measures								

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7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

S1.	Floor	Fire Ext	Hose R ce l	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
1	Ground	I	4 /0				-/-		/					
	Total	8/8	4 <i>1</i> 0	/	4 Nos (For Ench Floor) /4 Nos (For Euch Floor)	<i>1</i>	0 <i>1</i> 0	D /0	0/0		25000 Ltrs /25000 Ltrs	-/-	450 LPM /450 LPM	/-

• Provide ABC 5 kg/6 kg fire extinguishers

· WetRher / DownComer - 100mm with single outlet landing valves.

Acid Section

2. The builder has constructed a Multi Storeyed Building with Ground Floor + 3 Upper Floors with a height of 7 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder		
North	3 Meters	6.00 Meters		
East	S Meters	6.00 Meters		
South	5 Melers	6.00 Meters		
West	5 Meters	6.00 Meters		

4: The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Metera
9	Internal Staircases	1 No 1.50 Meters
10	External Staircases	1 No 1.50 Meters
	Total	3 Meiers

5. The builder has proposed to provide Occupant Load : •

11/15/23, 4	1:30 PM			A.P. Sta	ile Disester Resp	conse and Fire Se	nices Departmen	t	
	SI	Floor	Built up area (Sq Mirs)	Occupancy Type	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)	
	1	Ground Floor	1885.93	Industrial	188	188	1.88	3.00	
ĺ	2	First Floor	463.54	Industrial	46	46	0.46	3.00	
	3	Second Floor	. 463.54	Industrial	46	46	0.46	3.00	
	4	Third Floor	163.11	Industrial	16	16	0.16	3.00	
	•	Total	2976.12	1	296				

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	31 Nos.	Si Nos.
2	Hose Reel Systems	7 Nos.	0 Nos.
3	Wet Riser	4 Nos (For Each Floor)	4 Nos (Fo Each Floor)
4	Yard Hydrants	YH_30_YH	YH_30 _YH
5	Automatic Sprinkler System	333 Nos.	0 Nos.
6	Manually Operated Electric Fire Alarm System	5 Nos.	0 Nos.
7	Automatic Detection & Alarm System	55 Nos.	0 Nos.
8	Underground Tank	150000 Ltrs	150000 Ltrs
9	. Terrace Tank	20000 Ltrs	20000 Lu
10	Fire Pump	Note-11	Note-11
11	Additional Fire Safety measures		†

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL	Lines			Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Addi
1	Ground Floor	19 /19	LA 811			210/0	2 /0	34 /0					
2	First Floor	5 /5	1 /0			52 /0	1 /0	9/0					
3	Second Floor	5/5	1 /0			52/0	1 /0	9/0					
4	Third Floor	212	1 /0			19 /0	1 /0	3/0	- - -		ļ	 	

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	SL	Floor	Fire Ext	Hose	Wct Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	He Service De Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
7.4		Total	31 /31	7.0	(For Each Floor)	/	УН_30 ҮН	333 /0		55 /0	150000 Ltrs	20000 Ltrs /20000 Ltrs	Note- 11		1-

WetRiser / DownComer - 100mm with single outlet landing valves.

- In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire
 extinguisher for every 100 m2 of floor area.
- · Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Molten Sulphur Tanks

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 11.4 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side		ulred as per 119 Copen Space Provided by the Builder
Nort	3 M	eters 6.00 Meters
Eas		ciers 6.00 Meicrs
Sout	5M	eters 6.00 Meters
Wes		eters 6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Stalreases	Provided Nos / Meters
10	Internal Staircases	0 No 0.00 Meters
11	External Staircases	0 No 0.00 Meters
••	Total	0 Meters

5. The builder has proposed to provide Occupant Load :

Si	Floor	Built up area (Sq Mirs)	Occupancy Type		No of Occupants as per NBC	Staircases	Aggregate width of Staircases Provided(Meters)
t	Ground Floor	1144.8	Industrial	114	114	1.14	0.00
	Total	1144.8		114			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building

\$I	Fire Safety System	Proposed as per PNOC	Provided	
.1	Fire Extinguishers	12 Nos.	12 Nos.	ļ

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A.P. State Disecter Response and Fire Services Department

SI	Fire Salety System	Proposed as per PNOC	Provided
2	Hose Reel Systems	3 Nos.	0 Nos.
3	Wet Riser	3 Nos (For Each Floor)	3 Nos (For Each Floor)
4	Yard Hydrants	YH_30_YH	TR_30*
5	Automatic Sprinkler System	128 Nos.	128 Nos.
6	Automatic Detection & Alarm System	21 Nos.	21 Nos.
7	Underground Tank	150000 Ltrs	150000 Lirs
8	Terrace Tank	20000 Ltrs	20000 Ltrs
9	Fire Pump	Note-11	Note-11
10	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SL	Finnt				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Addi
1	Ground Floor	12 /12	3 /0				128 /128	3/3	21 /21					
	Total	12 /12	3 /0	3 Nos (For Each Floor) . 13 Nos (For Each Floor)	/	YH_30 _YH /YH_30 _YH	128 /128	3/3	21 /21	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11	- 50	/

WetRiser / DownComer - 100mm with single outlet landing valves.

 In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.

· Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.

• Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Control Room

 The builder has constructed a Multi Storeyed Building with Ground Floor + One Upper Floor with a height of 12 Mtrs for Industrial Occupancy (Category - G2) in a total plot area of 1214100.00 sq. meters.
 The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

A.P. State Disaster Response and Fire Services Department

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1	SL	Details of Staircases	Provided Nos / Meters
• 11	- 11	Internal Staircases	1 No 1.50 Meters.
	External Staircases	1 No 1.50 Meters	
т.	14	Total	3 Meters

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5. The builder has	proposed to provide	Occupant 3	Load :	: .
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	SI	Floor	Built up area (Sq Mirs)	Оссиралсу Туре		No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
	1	Ground Floor	676.8	Industrial	67	67	0.67	3.00
.eţ	3.4	-First Floor	676.8	Industrial	67	67	0.67	3.00
ľ		Total	1353.6		134			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

รเ	Fire Sulcty System	Proposed as per PNOC	Provided
·	Fire Extinguishers	14 Nos.	14 Nos.
2	Hose Reel Systems	4 Nos.	4 Nos.
3	Down Conter	2 Nos (For Each Floor)	2 Nos (For Each Floor)
4	Automatic Sprinkler System	114 Nos.	114 Nos.
5	Manually Operated Electric Fire Alarm System	? Nos.	2 Nos.
6	Automatic Detection & Alarm System	26 Nos.	26 Nos.
7	Terrace Tank	50000 Ltrs	50000 Ltrs
8	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

	*rloor	Fire Ext.	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Booster Pump	Add
ł	Ground Floor	11	2/2				57 /57	1/1	13 /]3				-	
2	First Floor	717	2 <i>i</i> 2				57 /57	1/1	13 /13					
	Total	14 /14	4 /4	/	2 Nos (For Each Floor) /2 Nos (For, Each Floor)		114/114	2/2	26 726	-/-	50000 Ltrs /50000 Ltrs	-1-	Note-11 /Note- 11	1-

· Provide ABC 5 kg/6 kg fire extinguishers

· WetRiser / DownComer - 100mm with single outlet landing valves.

Gas Section

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A.P. State Disaster Response and Fire Services Department

2. The builder has constructed a Multi Storeyed Building with Ground Floor + 2 Upper Floors with a height of 11 Mirs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6.00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

SI	Details of Staircases	Provided Nos / Meters
12	Internal Staircases	0 No 0.00 Meters
13	External Staircases	I No 1.50 Meters
	Total	1.5 Meters

5. The builder has proposed to provide Occupant Load :

នា	Floor	.Bullt up area (Sq Mtrs)	Оссаралсу Туре	No of Occupants as declared .by the builder	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate with of Staircases Provided(Meters)
1	Ground Floor	1629.7	Industrial	162	162	1.62	1.50
2	First Floor	124.5	Industrial	12	12	0.12	1.50
3	Second Floor	124.5	Industrial	12	12	0.12	1.50
	Total	1878.7		186			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	25 Nos.	25 Nos.
2	Hose Reel Systems	6 Nos.	0 Nos.
3	Wet Riser	4 Nos (For Each Floor)	4 Nos (For Each Floor)
4	. Yarti Hydranis	YH_30_YH	YH_30
5	Automatic Sprinkler System	209 Nos.	0 Nos.
6	Manually Operated Electric Fire Alarm System	3 Nos.	0 Nos.
7	Automatic Detection & Alarm System	35 Nos.	0 Nos.
8	Underground Tank	150000 Lus	150000 Ltrs
9	Terrace Tank	20000 Ltrs	20000 Ltr
10	Fire Pump	Note-11	Note-11
11	Additional Fire Safety measures		

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC

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,	SI.	Flone				Down Comer	Yard Hydrants	Sprinklers	мср	Auto. Det.	Underground Tank			Booster Pump	LAddi
,	1	Ground Floor	17 /17	4 /0				181 /0	1 /0	29/0					
	2	Floor		1 /0				14 /0	1 /0	3 /0					
	3	Second Floor	4 /4	I /0				14 /0	1 /0	3 /0					
		Total	25 /25	6/0	4 Nos (For Each Floor) /4 Nos (For Ench Floor)		ҮН_30 _ҮН /ҮН_30 _ҮН	20970	3 /0	35 /0	(50000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	11	-/-	/

WetRiser / DownComer - 100mm with single outlet landing valves.

- In addition to above ABC 5 kg/6 kg fire extingulaber, provide 50 litre water CO2 /25 kg ABC fire extinguisher for every 100 m2 of floor area.
- Provide 1 Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.
- Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

Sulphur Godown

2. The builder has constructed a Multi Storeyed Building with Ground Floor with a height of 12 Mtrs for Industrial Occupancy (Category - G3) in a total plot area of 1214100.00 sq. meters.

3. The builder has provided open spaces all around the building

Side	Open Space Required as per 119 APBR 2016	Open Space Provided by the Builder
North	3 Meters	6.00 Meters
East	5 Meters	6.00 Meters
South	5 Meters	6,00 Meters
West	5 Meters	6.00 Meters

4. The builder has constructed following means of escape:

ſ	SI	Details of Staircases	Provided Nos / Meters
ľ	13	Internal Staircases	0 No 0.00 Meters
-94		External Staircases	- 0 No 0.00 Meters
ſ		Total	0 Meters

5. The builder has proposed to provide Occupant Load :

SI	Floor	Bailt up area (Sq Mtrs)	Оссирансу Туре	1	No of Occupants as per NBC	Aggregate width of Staircases Required (Meters)	Aggregate width of Staircases Provided(Meters)
1	Ground Floor	1431.3	Industrial	143	143	1.43	0.00

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្ន	Floor	Built up area (Sq Mirs)	Оссиралсу Туре		No of Occupants as per NBC	Staircases	Aggregate width of Stalreases Provided(Meters)
	Total	L431.3		143			

6. The minimum Fire Fighting Installations required and provided as per Table 7 of Part 4 of National Building Code of India 2016 are:

SI	Fire Safety System	Proposed as per PNOC	Provided
1	Fire Extinguishers	15 Nos.	15 Nos.
2	Hose Reel Systems	3 Nos.	0 Nos.
3	Wet Riser	3 Nos (For Each Floor)	3 Nos (Fu Each Floer)
4	Yard Hydrants	YH_30_YH	YH_30 _YH
5	Automatic Sprinkler System	160 Nos.	160 Nos.
6	Automatic Detection & Alarm System	26 Nos.	0 Nos.
7	Underground Tank	150000 Ltrs	150000 Ltrs
8	Terrace Tank	20000 Ltrs	20000 Ltrs
9	Fire Pump	Note-11	Note-11
10	Additional Fire Safety measures		1

7. The builder has provided the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

SI.	i Floor	i 1			Down Comer	Yard Hydranis	Sprinkters	мср	Auto. Det.	Underground Tank	1		Booster Pamp	Addi
1	Ground Floor	15 /15	3 /0				160/160	3 /3	26 /0					
	Total	15 /15	370	3 Nos .(For Each Floor) /3 Nos (For Each Floor)	/	YH_30 _YH /YH_30 _YH	160 ⁷ 160	373	26 /0	150000 Ltrs /150000 Ltrs	20000 Ltrs /20000 Ltrs	п		/

- WetRiser / DownComer - 100mm with single outlet landing velves.

In addition to above ABC 5 kg/6 kg fire extinguisher, provide 50 litre water CO2 /25 kg ABC fire
extinguisher for every 100 m2 of floor area.

Provide I Yard Hyderant for every 30 mts of Travel Distance along the Perimeter.

 Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.

8. The Officers of the department have recommended to issue The No Objection Certificate for Occupancy of MSB Industrial Building (GI) belonging to NAGARAJU D Coromandel International Limited Sriharipuram, subject to the following conditions.

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A.P. State Disaster Response and Fire Services Department

The No Objection Certificate for Occupancy is issued subject to the following conditions:

- I. This NOC is issued only in the Fire Safety Point of View and this doesnot give the Applicant a right to claim ownership of the property.
- 2. All fire safety systems provided shall be maintained in trim working condition at all times.
- 3. All Security/ Maintenance personnel shall be trained on the usage of fire equipment provided.
 - 4. Fire Drills shall be conducted once in every 3 months.
 - 5. As per report of MSB Inspection committee; the NOC Committee has scrutinized the Inspection Committee Report along with Proposals and recommended for issuance of No Objection Certificate for Occupancy subject to the following Conditions.

SI	As Builder	As Occupant	As Security Personnei
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personner shart of trained to operate the fire safety equipments during emergency.
4	This No objection Certificate for occupancy is valid for one year from the date of issue of this letter	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once from nearest safe exit.	

6. This No Objection Certificate for Occupancy is valid for a period of Two(02) years only from the date of issue of this letter. It is the responsibility of the builder to apply for Renewat of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.71, Home (Prison-A) Department, dated 01-04-2010 and G.O.Ms.No.140, Home (Prison & Fire) Department, dated.04-09-2015, before expiry of this No Objection Certificate.

-ra- 9, The following deficiencies are identified by the officers of the department and need to be attended to by the management.

In view of the above, as per the recommendations of the NOC Committee, the No Objection Certificate for Occupancy is hereby issued to the Newly constructed Multi Storeyed Building subject to the above conditions.

Your Sincerely

Director General State Disaster Response & Fire Services Andhra Pradesh, Vijayawada

Copy to NAGARAJU D, The management of Coromandel International Limited, Vishkapatnam, HQEsXMryLJZfe8msZ8HAnRgxXMDA3aU7EsGu97DaPmT7 Copy to Chief Office for Record Purpose Copy to Regional Fire Officer concerned

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11/15/23, 4:30 PM

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A.P. State Disaster Response and Fire Services Department

Copy to District Fire Officer concerned

Copy to Assistant District Fire Officer concerned

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Inspected & Endor 712022

अनुइपित संख्या/ Licence No. : G/SZ/AP/06/7522(G83926)

ចាររ៍ ច ភ្លុកអូម គ नियम 50,51 और 54 देखें /(See Rules 50, 51 and 54)

Licence to store compressed gas in cylinders

वार्षिक युल्की रू/Fee Rs. 2000/- per year

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अनुअभ्य सदम्म (Joshor No.: GISZ/AP/06/7522(GB3928) बाषक युत्तम स्टम्म (Joshor No.: GISZ/AP/06/7522(GB3928) Mis. COROMANDEL INTERNATIONAL LIMITED, Post Box No. 1116, Matkspuram Post, Village/Town; SRIHARIPURAM, Chy: Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, Pin: 530011 को नीचे वॉर्णित और रेखोक संख्या GISZ/AP/06/7522(GB3926) dated 03/06/2022 में दर्शित किए गए अनुझज परिसर में, भारसीय विस्फोटक अधिनियम, 1884 (1884 का A) और उसके अधीन बनाए गए नियमों के उपनेयों तथा इस अनुझजि की अन्य रातों के अधीन रहते हुए, केवल संपीडि़त गेस से भरे सितेण्डरों को रखने के लिए ही विधिमाय अनुझजि दी जाती है।/ Lecence is hereby granted to Mis. COROMANDEL INTERNATIONAL LIMITED, Post Box No. 1116, Matkapuram Post, Village/Town: SRIHARIPURAM, City: Visakhapatnam (Urban), Taluka: Visakhapatnam (Urban), District: VISAKHAPATNAM, State: Andhra Pradesh, Pin: 530011 vaid only for the possession of cylinders filed with compressed gas is the focused premises described below and shown in the plan No G/SZ/AP/06/7522(GB3926) dated 03/06/2022 subject to the provisions of the Explosives Act, 1884(4 of 1884) and the Rules made thereunder and to the further conditions of this licence. यह अनुइप्रि 30 सिराम्बर 2026 तक प्रवृत रहेगी 1/ The Licence shall remain in force bill the 39th September 2026.

June 3, 2022

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For Dy. Chief Controller of Explosives Visekhapatanam कृते उप मुख्य विस्फोटक नियंत्रक विद्याखापट्टनम

z.

अनुइप्त परिसर का विवरण और अवस्थिति / DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

निग्रतिखित विवरण के अनुसार सिरोण्डरों में भरी गैस रखने के तिए अनुज़ाद परिसर, जिसकी अभिन्यास सीमाओं और अन्य विथिष्टियों को संतप्र अनुसोदित रेखांक से GISZIAP/06/7522 dated June 3, 2022 में दिखाया गया है, में अवस्थित हे और जिसमें एक मण्डारण थेंड हैं। / The Reensed prensises, the layout boundaries and other particulars of which are shown in the Blached approved plan No. GISZIAP/06/7522 dated June 3, 2022 are situated at Guilapatem and consists of a slorage shed for possession of the gas contained in cylinders as described here under:

·	गैस का प्रकार /Type of Gas	माना /Quantity	7
8)	विषेत्री Toxic	-NIL-	7
1 ⁻ '	गेर विषेत्ते और गेर ज्वतनशील Non-Toxic and Non Flammable		
(c)	गेर विपेले और ज्वलनशील Mon-Toxic and Flammable	-NIL-	-
10)	यितित एसिटिसीन गेस Disselved Acetylene Gas	-NIL	
•}	र्रत्याओं के अलावा गर विपसे और फ्लेस्नेम्सल द्ववित गेस Non-Toxic & Flammable Equaliable gas other than LPG	-NiL-	- ·
ŋ	रतपीजी/ Liquelied Pertoleum Gas	LPG - 870 Kgs.	-

और प्लाट संख्या SurveyNo : Sy. No. 4 - 9(Old) / 17 (New) यती का नाम गांव : Guilapalem या नगर पुलिस थाना : Malkapuram जिला : VISAKHAPATNAM राज्या : Andhra Pradesh.

/ and is situated at SurveyNo : Sy. No. 4 - 9(Old) / 17 (New) Village/Town : Gullapatern Police Station : Malkapuram District : VISAKHAPATNAM, State: Andhra Pradesh.

नवीकरण के युष्टांकन के लिए स्थान I SPACE FOR ENDORSEMENT OF RENEWALS

	नदीकरण की तारीख/Oate of Renewal	समाप्ति की तारीख/Date of Expiry	अनुज्ञपि प्राधिकारी के इस्तानक्षर/Signature and stamp of the licensing authority
इस् अनुद्धप्ति को, विस्फोटक			
अधिनियम, १८८४ या उसके अधीन 👘			
नाए गए गैस सितेण्डर नियम, 2016	ľ		
े उपबंधों या इस अनुश्रप्ति की शर्ती			
ग उल्लंघन न होने की दशा में, फीस			
कोई छुट दिए बिना दस वर्ष तक			
वीकृत किया जाएगा I/This licence			
hall be renewable without any			
incession in fee for ten years in			
e absence of contravention of			
e provision of the Explosives			
ct,1884 or Gas Cylinders	1		1
ules, 2016, framed thereunder			
r of the conditions of the finance			

यदि अनुवाद परिसर इससे उपाबद्ध विवरण और शतों के अनुरुप नहीं पाया जाता है और जिन नियमों और शतों के अधीन यह अनुवधि दी गई है, उनमें से किसी का उल्लंघन होता है तो यह अनुवधि रद्द की जा सकती है और अनुवधित का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकगी, या जुमीने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से, दण्डनीय भी होगा 1 / This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached herato and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both.

Note:-This is system generated document does not require physical signature.

Digitally signed by J SARKAR Reason Licence No. : G/SZ/AP/06/7522 Location: Visakhapotenem [G83926] Data:2022.06.03 11:07:36 +05:30



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Coromandel International Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID: 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

EHS/MoEF/2025-068

To The Director, Regional Office (South Eastern Zone), Ministry of Environment, Forests and Climate Change, 1st and 2nd Floor, Handloom Export Promotion Council, 34, Catnedral Garden Road, Nungambakkam, Chennai-600034.

Dear Sir,

Ref:

Sub: Half Yearly EC (Environment Clearance) Compliance Report- regd.

	1.	F. No. J-11011/51/2016-IA. II(I) dated 14.07.2017	1
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- 2. F. No. J-11011/51/2016-IA. II(I) dated 07.01.2021
- 3. F. No. J-11011/51/2016-IA. II(I) dated 27.06.2022

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P2O5 and other auxiliary facilities within the existing Fertilizer Complex.

Period of submission : Oct'24 to Mar'25 Unit : Coromandel International Limited, Visakhapatnam

Thanking You,

For Coromandel International Limited

M. Gnanasundaram VP – Head Manufacturing

NAG DNA Encl : a/a

CC: The Member Secretary, Head Office-APPCB, Vijayawada Joint Chief Environmental Engineer, APPCB, Zonal Office, Visakhapatnam Environmental Engineer, APPCB, Regional Office, Visakhapatnam



31/05/2025

EHS2-Vizág-Coromandel

То:	eccompliance-ap@gov.in; rovspappcb@gmail.com; zovspappcb@gmail.com
Cc:	EHS2-Vizag-Coromandel; Nageswara Rao G-AsstMgr-EHS-Vizag-Coromandel;
	Subhradip Mondal-Sr.Mgr-Environment-Fertiliser-Vizag-Coromandel; Nagaraju D-
	AGM-EHS-Vizag-Coromandel; Vinod Kumar Mishra-Sr.GM-EHS-Vizag-Coromandel
Subject:	RE: Half Yearly EC (Environment Clearance) Compliance Report- regd.

Dear Sir,

Ref: 1. F. No. J-11011/51/2016-IA. II(I) dated 14.07.2017 2. F. No. J-11011/51/2016-IA. II(I) dated 07.01.2021 3. F. No. J-11011/51/2016-IA. II(I) dated 27.06.2022

Please find the attached half yearly compliance report of Environment Clearance issued by MOEFCC for enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P2O5 and other auxiliary facilities within the existing Fertilizer Complex and "Change in location of new 1500 MTPD Sulphuric Acid (100%) Plant within the existing fertilizer complex" and "to add Desalination Plant with Capacity of 15 MLD".

Period of submission October -2024 to March-2025. Unit : Coromand Anternational Limited, Visakhapatnam

Regards, Nagarjuna P Manager-Environment 9100443439

SAVE ENVIRONMENT SAVE LIFE



FUTURE POSITIVE Coromandel International Limited Sriharipuram, Malkapuram PO Visakhapatnam-530 011 Andhrapradesh, India. F: +91 891-2578400 W: www.coromandel.biz AMURUGAPFA GROUP COMPANY

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Compliance status of Environment clearance

- 1. F. No. J-11011/51/2016-IA. II(I) dated 14.07.2017
- 2. F. No. J-11011/51/2016-IA. II(I) dated 07.01.2021
- 3. F. No. J-11011/51/2016-IA. II(I) dated 27.06.2022

(For the period from Oct-2024 to March-2025)

Enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P₂0₅ and other auxiliary facilities within the existing Fertilizer Complex, Sriharipuram, Vishakhapatnam District, Andhra Pradesh by M/s Coromandel International Limited (Formerly M/s. Coromandel Fertilizer Limited) - Environmental Clearance – reg.

S.No.	Condition	Compliance	
A. Spec	A. Specific Conditions:		
T.	Green Belt of 10 M wide (Perennial trees) to be developed in three sides of plant periphery totaling 145-acre area.	We have developed the green belts across the boundary walls Photographs are attached in Enclosed in Annexure - 01. The existing green belt area (120 acres) is more than 33% of the requirement. However, the plantation efforts will be continued.	
ii.	The present fresh water requirement is 8700 m3/day. Additional fresh water for the proposed enhancement is to be limited to 1650 m3/day. The total fresh water requirement post enhancement shall not exceed 10350 m3/day. The present sea water requirement for once through cooling is 63000 m3 / day and the same will be increased post enhancement to 84600 m3 / day.	Agreed. The project is completely implemented. The new water balance is limited to 10350 m3/day from GVMC and 6 MLD from the De- salination plant for which necessary approvals from concerned authorities are in place. Post de-salination plant the present seawater requirement is 91,600 KLD.	
111.	No ground water shall be used.	Existing water source is GVMC (local Municipal Body), no ground water source is used.	
iv.	Post enhancement, the SO ₂ emissions from Sulphuric acid plant-l and Sulphuric acid plant-2 shall be maintained at 1 kg/MT and 0.65 kg/MT.	Noted & maintained	
v.	Imported coal/ rice husk/bagasse fired	Complied.	

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	boiler of 40 TPH will be installed with ESP and 56 m stack height with SO ₂ emissions	Coal fired boiler has been provided a stack of 56 mts in height.
vi.	limited to 1188 Kg/ day. Existing two no's of LSHS fired boilers will	LSHS Fired boilers on standby only.
	be kept on standby mode.	
vii.	The gaseous emissions (SO ₂ , NOx, NH ₃) and	Complied.
	particulate matter from various process units shall conform to the norms prescribed by the CPCB/SPCB from time to time. At no time, the emission levels shall go beyond	with Scrubbers as detailed below:
	the prescribed standards. In the event of	
	failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control	PAP Plant: Fumes scrubber & FRU unit Complex Stacks: 4 stage scrubbers New PAP units: Scrubbers kept in
	measures are rectified to achieve the	place.
	desired efficiency. Stack emissions shall be monitored regularly.	Ball Mill: Bag Filters kept in inline Coal Fired Boiler: ESP kept in Line. The emissions are maintained within
		the prescribed limits by CPCB/SPCB. Copy of the acknowledgment herewith is enclosed as Annexure - 2
viii.	Ambient air quality data shall be collected	Complied
	as per NAAQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16 th September, 2009. The levels of PMIO, S02, NOx, Ammonia, shall be monitored in the	We are conducting the Ambient Air Monitoring and checking as per the National Ambient Air quality standards notified by MoEF, Gol vid
	ambient air and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of	notification GSR 826 (E), dt 16.09.2009. We have provided display Board at main gate of the company.
	monitored data on its website and shall update the same periodically. It shall	Monitoring reports are submitted to the concerned authorities.
	simultaneously be sent to the regional office of MOEF, the respective Zonal office of CPCB and the concerned State Pollution Control Board (SPCB).	A copy of the acknowledgment herewith is enclosed as Annexure – 03
IX.	No process effluent shall be discharged in and around the project site. Process	All the process effluent is being treated in ETP.
	effluents shall be treated in ETP. Sewage	the second second second second second second second second second second second second second second second se
	shall be treated in STP. Both treated sewage	Sewage treated in STP and treated
	water and process effluents shall be recycled/reused within factory premises to	water is being used for plantation
	achieve zero discharge except during the	

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	rainy season.	
х.	Risk assessment plan to be prepared and	complied
	implemented.	
ҳi.	In plant control measures for checking	Complied.
	fugitive emissions from all the vulnerable	
	sources shall be provided. Fugitive	All the necessary precautions for
	emissions shall be controlled by providing	closed transport of raw materials and
	closed storage, closed handling &	operations will be implemented for
	conveyance of chemicals/materials, multi	limiting of fugitive emissions.
	cyclone separator and water sprinkling	
	system. Fugitive emissions in the work zone	
	environment, product, raw materials	CPCB/SPCB prescribed limits.
	storage area etc. shall be regularly	A copy of the third-party analysis
	monitored. The emissions should conform	reports herewith is enclosed as
	to the limits stipulated by the concerned	Annexure - 04
	SRGB.	
xii.	The gaseous emissions from DG set shall be	•
	dispersed through adequate stack height as	DGs are only on standby and an
	per CPCB standards. Acoustic enclosure	acoustic enclosure provided.
	shall be provided to the DG sets to mitigate	
	the noise pollution.	
xiii.	The company shall construct the garland	
	drain all around the project site to prevent	Garland drains have been provided.
	runoff of any chemicals containing waste	Effluent is being treated in ETP`
	into the nearby water bodies. Effluent shall be properly treated and treated wastewater	
	shall conform to CPCB standards.	
xiv.	The company shall obtain Authorization for	Complied.
	collection, storage and disposal of	•
	hazardous waste under the Hazardous	APPCB/VSP/65/CFO/HO/1967 -
	Waste (Management, Handling and Trans-	04/08/2023
	Boundary Movement) Rules, 2008 and	,
	amended as on date for management of	
	Hazardous wastes. Measures shall be taken	
	for firefighting facilities in case of	
	emergency.	
xv.	The by-products which fall under the	Complied
	purview of the Hazardous Waste Rules, be	We will handle by-products that fall
	handled as per the provisions of the said	under the purview of the Hazardous
	Rules and necessary permissions shall be	Waste Rules in accordance with the
•	obtained under the said rules.	provisions of these rules and obtain
		the necessary permissions as required.
xvi.	Spent catalysts and used oil shall be sold to	Complied. As per the existing

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	authorized recyclers /re-processors only. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA),1989.	to authorized recyclers/PCB approved
xvii.	The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	Complied
xvili.	All the commitments made during the Public Hearing/Public Consultation meeting held on 8th December, 2016 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	Noted and being followed.
xix.	Remote operated valve placed on NH3 line to avoid leakage/equipment check shall be performed to ensure that remote operated valve (ROV)is all time is functional.	Complied and PM schedule adhered
xx.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.	Complied. A copy of the submitted half-yearly CSR report is enclosed in Annexure – 05
XXI.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Complied and continued as per the Factories Act.
xxii.	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the	Complied.

	construction wastes shall be managed so that there is no impact on the surrounding environment.	
xxiii.	An Environment Cell will be set. up and a regular environmental manager having PG qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management practices in the plant.	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS level are in place
	B. GENERAL CONDITIONS:	
i. 、	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and any other statutory authority.	
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
III. \	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured	We have installed 03 numbers of online ambient air monitoring stations and we have also monitored the
•	that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	ambient air through a third party at 05 Locations. The reports are submitted regularly.
iv.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	It is being Complied.
V.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods,	Complied and noise levels are within the standards prescribed. A copy of the third-party noise monitoring reports herewith is

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æ .	silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	
Vi.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh	
vil.	water. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Training is being imparted regularly to employees. Pre employment medical check is part of HR policy before joining. Annual medical checkup is being undertaken regularly for all the employees.
viit.	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied ***
ix.	The company shall undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	
x.	The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied as per the submitted CSR plan A copy of the Half Yearly CSR report herewith is enclosed as Annexure - 05
xi.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied A separate environment management cell at the corporate level headed by AVP, HSE & A separate environment cell plant level headed by Plant EHS

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		level are in place. We have engaged NABL & MoEFCC accredited Lab to carry out the Environmental monitoring regularly
xii.	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Complied
xiii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban local Body and the local	Complied We have sent all copies to the concerned local authorities
×	NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	```
xiv.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as bye-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	Complied Compliance reports are sent regularly and the same are uploaded to the company website.the company website link is <u>www.coromandel.biz/sustainbility</u> com A copy of the submitted Half yearly is enclosed in Annexure – 07
х v.	The environmental statement for each financial year ending 31st March in Form- Vas is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent	Complied. The environmental statement for the year FY:2023-24 has been submitted on EHS/APPCB/2024–099, 27.09.2024 Copy of the acknowledgment herewith is enclosed as Annexure-08.

Coromandel International Limited, Visakhapatnam

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	to the respective Regional Offices of MoEF by e-mail.	
xvi.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
xvii.	The project authorities shall inform the Regional Office as well as the Ministry, the	Complied.
	date of financial closure and final approval	The projects were completed with the internal accruals.
•	of the project by the concerned authorities and the date of start of the project.	

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Compliance to Amended Environmental Clearance dated 07.01.2021

F. No. J-11011/51/2016-IA-II (I) dt 7th January 2021

Proposed setting up of new 1500 MTPD Sulphuric acid (100%) plant within the Existing Fertilizer Complex, for total Sulphuric acid production of 3600 MTPD at Sriharipuram, Vishakhapatnam district, Andhra Pradesh, without increase pollution load and total production of NP/NPK (3900 MTPD) and Phosphoric Acid (1400 MTPD) by M/s. Coromandel International Limited (Formerly M/s Coromandel Fertilizers limited).

Sl. No	Para of EC	Description/Conditions	Compliance
	issued by		
	MoEF&CC		1
1	Subject	Proposed setting up of new 1500 MTPD	-
	-	Sulphuric acid (100%) plant within the	
		Existing Fertilizer Complex, for total	
		Sulphuric acid production of 3600 MTPD at	
		Sriharipuram, Vishakhapatnam district,	
		Andhra Pradesh, without increase pollution	
1\$2	46571	load and total production of NP/NPK (3900	
		MTPD) and Phosphoric Acid (1400 MTPD) by	
		M/s. Coromandel International Limited	
		(Formerly M/s Coromandel Fertilizers	
		limited).	
2	Point 2	The Ministry of Environment, Forests and	-
		Climate Change has examined the	
`		application. It is noted that proposal is for	
		setting up of new 1500 MTPD Sulphuric acid	· · · · ·
		(100%) plant within the Existing Fertilizer	
		Complex, for total Sulphuric acid production	
		<u>of 3600 MTPD at Sriharipuram,</u>	
		<u>Vishakhapatnam_district, Andhra Pradesh,</u>	
		without increase pollution load and total	
		production of NP/NPK_(3900_MTPD) and	`
		Phosphoric Acid (1400 MTPD) by M/s.	
		Coromandel International Limited (Formerly	
		M/s Coromandel Fertilizers limited)	
3	Point 3	Existing land area is <u>313 Acres</u> , of which 120	Agreed and noted for
		acres is developed as greenbelt. <u>Additional</u>	compliance
		<u>cost of the project is ~ 400 Crore.</u>	
		The additional estimated cost of various	
	Í	environmental management programs in	
		the proposed project is ~ 10 Cr which is	

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		around 2.5% of proposed Additional project cost. <u>In order to achieve consented</u> <u>production of 3900 MTPD NP/NPK</u> <u>production, the facility intends to adopt the</u> <u>following modifications and upgrades in the</u> <u>upstream of the complex fertilize</u> <u>manufacturing units:</u> • Installation of Additional 1500 MTPD	
		 of Sulphuric Acid production plant along with existing 2100 MTPD Sulphuric Acid Plant (SAP-1 (1700 MTPD) & SAP2 (400 MTPD)). Total production capacity of Suphuric acid shall be 3600 MTPD Use of low sulphur coal in coal fired boiler and optimizing operations of existing sulphuric acid plant – I and coal fired boiler for no change in SO2 emission from the sanctioned emission load. Existing Phosphoric acid plant with production capacity of 1400 MTPD 	
		 Provision of Sulfuric Acid storage capacity of 2 x 5000 MT + 2 X 12,500 MT +1500 MT along with existing storage capacity of 15,000 MT 	
4	Point 4	Power requirement will be increased from <u>20_MW_to_21_MW</u> . The facility has contracted grid power of 12 MW, 5 MW from APGPCL and in-house steam turbine capacity of 5MW. The net available power for the existing operation is in the order of 22 MW. Hence the available power is adequate to meet the total requirement of <u>21 MW</u> post enhancement.	Agreed "
5	Point 4 para3	Fresh water requirement will be increased from 10350 m3/day to 14550 m3/day, which will be sourced from Greater Vishakhapatnam Municipal Corporation (GVMC). Sea water consumption will be same i.e 84600 m3/ day.	Agreed and noted for compliance

6	A-Specific Condition 1	Green Belt of 10 M wide (Perennial trees) to be developed in three sides of plant periphery totaling <u>120-acre area</u> .	Agreed. The existing green belt area is more than 33% of the requirement. However, the plantation efforts will be continued.
7	A-Specific Condition 1	The present freshwater requirement is <u>10350 m3/day. Additional fresh water for</u> <u>the proposed enhancement will be 4200</u> <u>m3/day. The total freshwater requirement</u> <u>post enhancement shall not exceed 14550</u> <u>m3/day.</u> The present sea water requirement for once through cooling will remain to be <u>84600 m3 / day</u> .	Agreed
8	A-specific Condition 4	Post amendment, the SO2 emissions from Sulphuric acid plant-I and Sulphuric acid plant-2 shall be maintained at 0.8 kg/MT and 0.65 kg/ MT and in Sulphuric Acid Plant- 3 shall be maintained at 0.75 kg/MT.	Noted and complying's

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COROMANDEL INTERNATIONAL LTD. VISAKHAPATNAM. GREEN BELT PHOTOS





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Annexure -2

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Form-No. TCLAJGF/RF-138

Registered Office :

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TEST REPORT

	Test Report No	TLC/V/Env/CI	1/10/10/4	<u></u>	dt.01.11.2024
	Description of Test	Source Emissio	n Monitoring Inside the		
	iame of the client	Coromandel In	ternational Limited, Vis	aknapataam	······································
	cation of sampling CE/STACK EMISSION	stacks attached	to respective plants as p	er detalls given	<u></u>
No.	Stack altached to	Flow rate		Conc. mg/NM ³	APPCB Standard
.110.	Stack altached to	NM ³ /Hr	parameters		Limit
1	Complex A	287637	Particulate matter	16	45 mg/NM ³
	•		Ammonia	58	165.0 mg/NM ³
]			Fluoride	1.0	4.0 mg/NM3
2	Complex B	267874	Particulate matter	17	45 mg/NM ³
-			Ammonia	60	165.0 mg/NM ¹
]	Fluoride	1.2	4.0 mg/NM ³
3	Complex C	207978	Particulate matter	14	45 mg/NM ³
			Ammonia	44	165.0 mg/NM ³
			Fluoride	1.3	4.0 mg/NM ³
4			Sulphur dioxide	0.329Kg/MT (235mg/NM ³)	I Kg/MT
·63-	Sulphuric acid plant-	99329	Sulphur trioxide	0.02Kg/MT (15mg/NM ³)	0.35 Kg/MT
]	Acid mist	Nil	20 mg/NM ¹
5	Sulphuric acid plant-	29167	Sulphur, dioxide	0.161Kg/MT (95mg/NM ³⁾	0.65 Kg/MT
	11		Sulphur triaxide	Nil	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ³
6	Phosphoric acid	133440	Particulate matter	30	50 mg/NM ³
	plant-1		Fluoride	3.3	20 mg/NM ³
7	Rock grinding unit	7067	Particulate matter	40	50 mg/NM ³
ļ	(N-1)PAAPI		Total Fluoride	3.5	20 mg/NM ³
8	Rock grinding unit	7346	Particulate matter	38	50 mg/NM ³
1	(N-3)PAAP2		Total Fluoride	3.3	20 mg/NM ²
9	Wharf Boiler	10797	Particulate matter	47	115 mg/NM ³
÷	Phosphoric acid	37268	Particulate matter	27	50 mg/NM ³
to	plant-2		Total Fluoride	3.7	20 mg/NM ³
	Rock grinding unit	6653	Particulate matter		50 mg/NM ³
11	(N-2)PAPI		Total Fluoride	4.2	20 mg/NM ³
12	New SAP-3	50191	Sulphur dioxide	0.037Kg/MT (52mg/NM ³)	t Kg/MT
			Sulphur, trioxide	Nij	0.35 Kg/MT
			Acid.mist	Nil	20 mg/NM ³
13	DGI	12077	- Particulate matter	-40	115 mg/NM ³
14	DG2	12030	Particulate matter	44	HADWIN

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Test Report No

Description of Test

Name of the client Location of sampling **Registered Office :**

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TEST REPORT

S.No.	CE/ STACK EMISSION Stack attached to	Flow rate	parameters	Cont. mg/NM ³	APPCB Standard
		NM ³ /Hr			Limit
1	Complex A	282609	Particulate matter	18	45 mg/NM ³
	-		Ammonia	62	[65.0 mg/NM*
	1		Fluoride	0.9	4.0 mg/NM ³
			Particulate matter	18	
2	Complex B	257666	<u> </u>		45 mg/NM ³
			Ammonia	68	165.0 mg/NM ³
		·····	Fluoride	0.1	4.0 mg/NM ³
3	Complex C	215727	Particulate matter	20	45 mg/NM ³
			Ammonia	48	165.0 mg/NM ¹
			Fluoride	1.1	4.0 mg/NM ³
4		······································	Sulphur dioxide	0.304Kg/MT (220mg/NM ³)	l Kg/MT
	Sulphuric scid plant- 1	97903	Sulphur trioxide	0.928Kg/MT (20mg/NM ³)	0.35 Kg/MT , ;
			Acid mist	Nil	20 mg/NM ¹
5	Sulphuric acid plant-	26619	Sulphur dioxide	0.167Kg/MT (105mg/NM ³⁾	0.65 Kg/MT
	II	20017	Sulphur trioxide	Nil	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ³
6	Phosphoric acid	131104	Particulate matter	28	50 mg/NM ³
	plant-1		Fluoride	4.3	20 mg/NM ³
7	Rock grinding unit	6653	Particulate matter	42	50 mg/NM'
	(N-1)PAAP1		Total Fluoride	3.8	20 mg/NM ³
8	Rock grinding unit	7067	Particulate matter	35	50 mg/NM ³
	(N-3)PAAP2		Total Fluoride	3.1	20 mg/NM ³
9	Wharf Boiler	10769	Particulate matter	42	115 mg/NM ³
	Phosphoric acid	37794	Particulate matter	30	50 mg/NM ³
10	plant-2		Total Fluoride	3.9	20 mg/NM ³
	Rock grinding unit	6237	Particulate matter	47	50 mg/NM ³
11	(N-2)PAP1		Total Fluoride	4,0	20 mg/NM ³
12	New SAP-3	47948	Sulphur dioxide	0.041Kg/MT (60mg/NM ³)	1 Kg/MT
			Sulphur trioxide	Nil	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM3
13	DGI	11426	Particulate matter	43	DIB MANY
14	DG2	1180	Particulate matter	48 /	TIS/ME/NN?
			1 out live and matter		Trans and Consult

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TEST REPORT

	Test Report No	TLC/V/Env/Cl			dt.31.12.2024
	Description of Test		n Monitoring inside the		
	Name of the client		ternational Limited, Vis		
L	ocation of sampling		to respective plants as p		
SOUR	CE/STACK EMISSION		FOR THE MONTH OF	FDECEMBER-202	
S.No.	Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ³	APPCB Standard Limit
t	Complex A	263985	Particulate matter	19	45 mg/NM ³
			Ammonia	80	165.0 mg/NM ³
		[Fluoride	1.2	4.0 mg/NM ³
2	Complex B	252704	Particulate matter	20	45 mg/NM ³
			Ammonia	75	165.0 mg/NM ³
			Fluoride	1.3	4.0 mg/NM ¹
3	Complex C	216128	Particulate matter	22	45 mg/NM ³
			Ammonia	65	165.0 mg/NM ³
			Fluoride	1.2	4.0 mg/NM ³
4			Sulphur dioxide	0.312Kg/MT (230mg/NM ³)	I Kg/MT
	Sulphuric acid plant- I	96160	Sulphur trioxide	0.027Kg/MT (20mg/NM ³)	0.35 Kg/MT
		<u> </u>	Acid mist	Nil	20 mg/NM ³
5	Sulphuric acid plant-	29076	Sulphur dioxide	0.174Kg/MT (100mg/NM ³⁾	0.65 Kg/MT
	11		Sulphur trioxide	Nil	-0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ³
6	Phosphoric acid	127993	-Particulate matter	34	50 mg/NM ³
	plant-1		Fluoride	4.4	20 mg/NM ³
7	Rock grinding unit	6736	Particulate matter	40	50 mg/NM ³
	(N-1)PAAPI		Total Fluoride	3.2	20 mg/NM ³
P	Rock grinding unit	7346	Particulate matter	37	50 mg/NM ³
	(N-3)PAAP2		Total Fluoride	2.9	20 mg/NM ³
9	Wharf Boiler	6564	Particulate matter	44	115 mg/NM ³
	Phosphoric acid	39914	Particulate matter	32	50 mg/NM ³
10	plant-2		Total Fluoride	3.5	20 mg/NM ³
	Rock grinding unit	6098	Particulate matter	46	50 arg/NM ³
11	(N-2)PAP1		Total Fluoride	3.8	20 mg/NM ¹
12	New SAP-3	46154	Sulphur dioxide	0.052Kg/MT (80mg/NM ³)	I Kg/MT
			Sulphur trioxide	Nil	0.35 Kg/MT
			Acld mist	Nit	20 mg/NM ¹
13	DGI	11117	Particulate matter	40	115 mg/NM ³
14	DG2	10985	Particulate matter	44	3 B de NN1'

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TEST REPORT

	Test Report No	TLC/V/Env/C	10/1//0123		dt.01.02.2025		
	Description of Test	Source Emission Monitoring inside the CIL Coromandel International Limited, Visakhapatnam					
	Name of the client	Coromandel I	aternational Limited, Vis	akhap <u>atnam</u>			
1	ocation of sampling	stacks attached	to respective plants as p	er details given			
S.No.	RCE/ STACK EMISSION	MONITORING			······		
a.ivo.	Stack attached to	Flow rate NM ³ /Hr	parameters	Conc. mg/NM ¹	APPCB Standar		
t	Complex A	258757	Particulate matter	21	45 mg/NM ³		
			Ammonia	65	165.0 mg/NM ³		
			Fluoride	1.0	4.0 mg/NM ³		
2	Complex B	242206	Particulate matter	19	45 mg/NM ³		
		1	Ammonia	90	165.0 mg/NM ^{3*}		
			Fluoride	1.2	4.0 mg/NM ¹		
_			Particulate matter	18			
3	Complex C	213639			45 mg/NM ³		
			Ammonia	70	165.0 mg/NM3		
			Fluoride	1.4	4.0 mg/NM ³		
4			Sulphur dloxide	0.324Kg/MT (245mg/NM ³)	1 Kg/MT		
	Sulphuric acid plant- 1	93924	Sulphur trioxide	0.033Kg/MT (25mg/NM ³)	0.35 Kg/MT		
		—	Acid mist		20 mg/NM ³		
5	Sulphuric acid plant-	26955	Sulphur dloxide	0.18Kg/MT (110mg/NM ³⁾	0.65 Kg/MT		
	II II		Sulphur trioxide	Nil	0.35 Kg/MT		
			Acld mist	Nit	20 mg/NM ³		
6	Phosphoric acid	128217	Particulate matter	32	50 mg/NM ³		
	plant-1		Fluoride	4.9	20 mg/NM ³		
7	Rock grinding unit	6098	Particulate matter	44	50 mg/NM ³		
	(N-I)PAAPI		Total Fluoride	3.3	20 mg/NM ³		
8	Rock grinding unit	6930	Particulate matter	36	50 mg/NM ³		
	(N-3)PAAP2		Total Fluoride	2.7	20 mg/NM ³		
9	Wharf Boiler	9969	Particulate matter	42	115 mg/NM ³		
	Phosphoric acid	40898	Particulate matter	30	50 mg/NM ³		
10	plant-2		Total Fluoride	3.0	20 mg/NM ³		
	Rock grinding unit	5821	Particulate matter	45	50 mg/NM ³		
11	(N-2)PAPI		Total Fluoride	3.4	20 mg/NM ³		
12	New SAP-3	43114	Sulphur dioxide	0.043Kg/MT (70mg/NM ³)	1 Kg/MT		
[Sulphur trioxide	Nil	0.35 Kg/MT		
			Acid mist	Nit	20 mg/NM ³		
13	DGI	11296	Particulate matter	38 200			
14	DG2	11079	Particulate matter	48/	and Gogspitants		

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TEST REPORT

	Test Report No	TLC/V/Env/CI	L/16/0225		dt.02.03.2025
Γ	Description of Test	Source Emissio	n Monitoring inside the	CIL	······
7	Name of the client	Coromandel In	ternational Limited, Vis	akhapatnam	
L	ocation of sampling	stacks attached	to respective plants as p	er details given	
OUR	CE' STACK EMISSION	MONITORING	FOR THE MONTH OF	F FEBRUARY-2025	<u> </u>
S.No.	Stack attached to	Flow rate NM ² /Hr	parameters	Conc. mg/NM ³	APPCB Standard Limit
I	Complex A	237370	Particulate matter	19	45 mg/NM ³
•			Ammonia	95	165.0 mg/NM ¹
	i		Fluoride	1.1	4.0 mg/NM ³
z	Complex B	240222	Particulate maller	20	45 mg/NM ³
-	tempine P	_ /	Ammonia	85	165.0 mg/NM3
			Fluoride	1.0	4.0 mg/NM ³
۷;	14622	l	Particulate matter	17	
3	Complex C	220097			45 mg/NM ³
-			Ammonia	40	165.0 mg/NM ³
		1	Fluoride	1.9	4.0 mg/NM ³
1	· · · · · · · · · · · · · · · · · · ·		Sulphur dioxide	0.343Kg/MT (255mg/NM ³)	I Kg/MT
	Sulphuric acid plant-	it- 95275	Sulphur trioxide	0.041Kg/MT (30mg/NM ³)	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ¹
5	Sulphuric acid plant-	25839	Sulphur dioxide	0.161(g/AlT (100mg/NMI ³¹	0.65 Kg/MT
	11		Salphur trioxide	NU	0.35 Kg/MT
			Acid mist	Nil	20 mg/NM ³
6	Phosphoric acid	134404	Particulate matter	41	50 mg/NM ³
-	plant-1		Fluoride	4.7	20 mg/NM ³
7	Rock grinding unit	5960	Particulate matter	42	50 mg/NM ³
	(N-I)PAAPI		Total Fluoride	3.2	20 mg/NM ³
8	Rock grinding unit	6791	Particulate matter	46	50 mg/NM ¹
	(N-3)PAAP2	1	Total Fluoride	4.3	20 mg/NM ³
9	Whnrf Boiler	9143	Particulate matter	42	115 mg/NM3
	Phosphoric acid	41772	Particulate matter	37	50 mg/NM ²
10	plant-2		Total Fluoride	3.4	20 mg/NM ³
	Rock grinding unit	6098	-Particulate utalter	- 48	50 mg/NM ³
11	(N-2)PAP1		Total Fluoride	3.9	20 mg/NM ³
	1		Sulphur dioxide	<u>.</u>	I Kg/MT
12	New SAP-3		Sulphor trioxide	-	0.35 Kg/MT
5*	ast		Acid mist	-	20 mg/NM ³
13	DGI	11186	Particulate matter	35	II5 mg/NM'
14	DG2	11161	Particulate matter	32	N 115 10 144



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TEST REPORT

	Test Report No	TLC/V/Env/CIL	/17/0325		dt.31.03.2025
	Description of Test		Monitoring Inside the CIL		,
	Name of the client		mational Limited, Visakha		
	ocation of sampling		a respective plants as per de		
SOUR	CE/STACK EMISSION MO	DNITORING FOR	THE MONTH OFMARCH	1-2025	
S.No.	Stack attached to	Flow rate NM//IIr	parameters	Cone. mg/NM'	APPCB Standord Limit
			Particulate matter	18	45 mg/NM ²
1	Complex A	269152	Ammonia	78	165.0 mg/NM*
		1	Fluoride	1.3	4.0 mg/NA1
			Particulate matter	16	45 mg/NM ¹
2	Complex B	247360	Ammonia	55	165.0 mg/NM ³
		ļ	fluoride	1.1	4.0 mg/NM ¹
			Particulate matter	15	45 mg/NM ³
3	Complex C	22(396	Ammonia	45	165.0 mg/NM ²
			Fluoride	1.5	4.0 mg/NM ¹
4	Sulphuric peid plant-1		Sulphur disxide	0.338Kg/MT (270mg/NM ²)	1 Kg/MT
		99750	Sulphur trioxide	0.041Kg/MT (35mg/NM ²)	0.35 Kg/MT
	ļ	ļ	Acid mist	NI	20 mg/NM ³
5	Subduric seld plant-11	25242	Sulphur dioxide	0.17Kg/MT (110mg/NM ²⁾	0.65 Kg/AfT
			Sulphur trioxide	Nil	0.35 Kg/MT
			Acid mist	Nil	20 ang/NM ²
6	Phusphoric acid plant-1	(34965	I Particulate matter	-11	50 mg/NM ²
			Fluoride	4.9	20 mg/NM*
7	Rock grinding unit (N-	6376	Pariculate mutter	-43	50 mg/NM ²
	DPAAPI		Total Fluoride	3.3	20 mp/NM*
8	Rock grindlog unit (N-	6653	Particulate matter	41	50 mg/NM1*
	3)PAAP2		Total Fluoride	-4.1	20 mg/NM ²
9	Wharf Boiler	8906	Particulate matter	47	115 mg/NM*
••	Phosphoric acid plant-2	41774	Particulate matter	39	50 mg/NM*
10		ļ	Total Fluoride	3.6	20 mg/NM ¹
	Rock grinding unit (N-	6237	Particulate matter	-10	50 mg/NM ¹
11	2)12,12		Total Fluoride	3.0	20 mg/NM ³
12	New SAP-3	4405G	Sulphur flotide	0.05Kg/MT (80mg/NM ²)	1 Kg/MT
•			Sulphur trioxide	NII	0.35 Kg/MT
	!	1	Acid mist	Nil	20 mg/NM ¹
13	DGI	11117	Particulate matter	39	115 mg/NoI*
14	1 1)(32	10369	Particulate matter	40	115 mg/NM ²



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Annexure -3



Coromandel international Limited Post Box No. 1116, Sriharipuram, Malkapuram Post Visakhapatnam - 530 Oll, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN : L24120AP1961PLC000892 GSTIN : 37AAACC7852KIZC

25-04-2025

EHS/APPCB/2025 - 050

Τo,

The Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Green House, Gopala Reddy Road, Vijayawada - 520010

"Dear Sir,

Sub: Submission of AAQM online data for the last Six months, Coromandel International Limited, Visakhapatnam -Reg.

Ref - EC COMPLEX PAP (F.No. J-11011/388/2006-IA (II), Dated 18th May 2007

This is bringing to your kind information that in reference to the EC COMPLEX PAP (F. No. J-11011/388/2006-1A (II), dated 18th May 2007, we are pleased to submit the online data from the Ambient Air Quality Monitoring System (AAQMS) for the last Six months of the October - $2024 \times$ to March - 2025. The details are enclosed in the Annexure - 1.

This is for your kind information & Records

Thanking you,

Yours faithfully,

for Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

Enclosure: Annexure - I - AAQiviS online data for the last six months. Popy to: RO, APPCB, Visakhapatnam

RN93320824IN TVR:9278573520824 FL MALKAPIRAH S.D (330011) Counter Host.26/04/2025.11:48 To:THE INSPECTOR.MEE F&CC FIN:520010. Venkateswarapuran S.D From:CC&CR494DFL .SRINWEIFUEAM Ut:140x5.KED=17.0 Ant:25.96.Tax:3.96.Ant.Pard:26.00/Cash)



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Tet : 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : malk@coromandel.murugappa.com

	Ĺ	CAAQM -	- Maintenance Ga nge CAAQM - Bugging - Plant	Maintenance Ga age			CAADM	CAAQM - Bugging - Plant	- Plant		Ü	AA THI - S	CAA 2M - Shared St vice Center	vice Cent	E
PCB Limit	Lamk 190	Liek to	Lank 20	Limia 25	Link 440	101 Hay	Limk 60	Cimit to	Limk 20	Luck to	(Jaii 100	LJenk 60	i lait Be	Limk 80	Limit 400
	1 W/Ba	146/84	ıw/în	18/84	rtu/Jaa	10/8 .	in)(a)	10) 2 *	s Migda	1W/Ra	,w/An	bg/m1	eg∕m¹	IND/DIA	1W/Ba
Parameters	CIMA	ELM9	<u>5</u>	Nor	EHN	PM10	PM2.5	202	Max	EHN	PM10	PM2.5	502	Now	EHN
Det 24	5E.64	16.25	24.06	8.76	12.06	16.34	SECT	35.01	51-6	6.99	52.16	32.4	32.19	13.69	3.21
Hcr/24	6.6	21.08	29.A1	6511	20.45	50.61	21.61	20.54	7.55	6.92	74.21	34.7S	30.3E	32.91	633
Dec/24	45.5). B.A	33.AS	14,93	18.45	35.3	223	18.39	617.2	6.87	47.28	30.73	39.95	21.82	3.45
Am'25	17.72	13.85	1172	14.72	14.36	54.63	CL-81	82.62	563	6.84	\$5.04	27.75	ង	19.6	3.45
feb'25	50.47	24.45	16.02	13.2	M.21	£65	R	24.47	16.7	6.92	36.17	20,03	16.41	15.02	121
Mar'25	27.69	14.64	Z4.02	21.45	87.13	30.53	11.86	25.8	6 .68	96,9	3262	12.96	9.77	1 3. 65	6 1.2
Avę	42.58	18.31	25.66	1251	36.97	45.12	18.74	24.54	6.02	6.9 2	45.73	26.44	26.56	17.17	17.E
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Annexure - 4

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Form-No TCL/L/GF/RF-138

Labs and Consultants

Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038. Ph. : (O) 040-23748555 / 23748616, Fax . 040-23748666, Email : teamlabs@gmail.com

Laboratory Recognised by Ministry of Environment, Forests and Climate Change, Gol, New Delhi NABL Accredited Laboratory

TEST REPORT

Test Report No		TLC/V/Env/CIL/33/102	4	dt.01.11.2024				
Description of Test	Fugitive En	nissions at workplac	e-SPM	· · · · · · · · · · · · · · · · · · ·				
Name of the client	Coromandel 1	nternational Limited, V	isakhapatna	30				
Location of sampling	As provided b	elow						
Period of Collection	OCTOBER-20	OCTOBER-2024						
Duration of sampling	8 hr.							
Protocol	IS5182 Part 23	3						
S No	Plant/Depart ment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust				
		Near granulator	1.6					
t	A-TRAIN	Bins area	1.7	1				
.4	ATRAIN	Screen Section	1.9	1				
		Recycle Conveyor	1.6	1				
		Near granulator	1.8					
2	B-TRAIN C-TRAIN	<u>Bins</u> area	1.4					
、 .		Screen Section	1.5					
		Recycle Conveyor	1.9					
		Near granulator	2.2	15.0 mg/m3				
3		Bins area	2.0					
		Screen Section	2.1					
		Recycle Conveyor	2.0					
		Reactor area (PAP- 1)	1.5					
4	PAP - 1	Dust Bins area (PAP-1)	1.6					
		Head drum area (PAP-1)	1.7					
		RG-I (OBM)	1.9					

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Form-No, TCL/L/GF/RF-138

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Test Report No	TLC/V/Env/Cl1/33A/1024 dt.01.11.2024				
Description of Test	Fugitive Emissions at workplace-SPM				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	As provided t	ociow			
Period of Collection	OCTOBER-2	024			
Duration of sampling	8 hr.	<u> </u>			
Protocol	IS5182 Part 2	3			
			D	Time weighted	
0.11-	Plant/Depar		Result SPM	average concentration 8 hr allowed per	
S No.	tment	Location/area	mg/m3	OSHA	
				For total dust	
	PAP - 2	Reactor area (PAP-2)	1.3	15.0 mg/m3	
-		Dust Bins area (PAP-I)	1.6		
5		Head drum area (PAP-1)	1.9		
		RG-2 (OBM)	1.4		
		Melter Area (SAP-1)	2.1		
:	6 SAP- 1,2,3	Rock Feeding Area	2.1		
		RMH Area (SAP-1)	1.9		
		Melter Area (SAP-1)	1.7		
6		Rock Feeding Area (SAP-2)	2.0		
		RMH Area (SAP-2)	2,1		
		Melter Area (SAP3)	2.2		
		Rock Feeding Area (SAP-3)	1.8		
		RMH Area (SAP-3)	1.4		

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Test Report No		TLC/V/Env/ClL/33B/10	dt.01.11.2024		
Description of Test	Fugitive Emissions at workplace-SPM				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	As provided below				
Period of collection	OCTOBER-2024				
Duration of sampling	8 hr.				
Protocol	IS5182 Par	IS5182 Part 23			
S No.	Plant/Dep artment	Location/area	Result SPM mg/m3	Time weighted average concentration 8 hr allowed per OSHA For total dust	
	Bagging Plant	PH Maintain Godown	t.8		
7		BP-2 Godown Area	1.7		
'		Auto bagging (BP-1)	2.0		
		Auto bagging (BP-2)	1.9	_	
8	Treatment	ETP Entrance	1.6		
	Plants	STP Entrance	1.4		
9	Raw Material Storage area	Rock Godown Near 40P	1.8		
		Sulphur Godown Near Garage	2.1	15.0 mg/m3	
		Urea Godown at Bagging Plant	2.2		



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TEST REPORT

Test Report No	······································	TLC/V/Env/CIL/34/1	.024	dt.01,11.2024	
Description of Test	Fugitive Emissions at workplace-NH3				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	As provided below				
Period of Collection	OCTOBER-2024				
Duration of sampling	8 hr.			mm	
Protocol	IS5182 Part	23			
S No.	Plant/Dep artment	Location/arca	Result - NH3 mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust	
<u></u>	A-TRAIN	Reactor Top Area	1.8		
T		Granulator Surrounding Area	0.9		
•		Pre-Scrubber Area	1.1		
		Dryer Area	1.0		
	B-TRAIN	Reactor Top Area	1.8		
ź		Granulator Surrounding Area	1.4		
-		Pre-Scrubber Area	1.6	17.41 mg/m3	
		Dryer Area	2.0		
	3 C-TRAIN	Reactor Top Area	2.2		
3		Granulator Surrounding Area	2.5		
		Pre-Scrubber Area	0.9	ł	
		Dryer Area	0.8]	
4	4 AAST	Storage Tank Area	1.6		
		Ammonia Storage Facility Area	1.0		





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Test Report No		TLC/V/Env/CIL/35/10	24	dt.01.11.2024	
Description of Test	Fugitive Emissions at workplace-SO2				
Name of the client	Coromandel International Limited, Visakhapatnam				
Location of sampling	As provided below				
Period of Collection	OCTOBER-2024				
Duration of sampling	8 hr.	8 hr.			
Protocol	IS5182 Part	123			
S No.	Plant/Dep artment	Location/area	Result SO2 mg/m3	Time weighted average concentration 8 hr. allowed per OSHA For total dust	
	i	IAT Area	1.6		
-	SAP-1	Furnace Area	2.0		
1		Hot Gas Filter Area	2.1		
		Scrubber Area	1.9		
	SAP-2	IAT Area	2.0		
2		Furnace Area	1.6	-	
4		Hot Gas Filter Area	1.4		
		Scrubber Area	1.3		
	SAP-3	IAT Area	2.1	5.24 mg/m3	
3		Furnace Area	2.3		
-		Hot Gas Filter Area	1.6 1.4		
		Scrubber Area	<u> </u>		
4		Molten Sulphur	0.9		
	Wharf Area	Storage Area Sulphuric Acid Storage Area	0.8		

For TEAM Labs and C





Annexure -5

Coromandel International Limited Post Box No. 1116. Sriharipuram, Malkapuram Post Visakhapatnam - 530 OTI, Andhra Pradest., India Tel : 91-891-2578400 DID : 91-891-2893+Extn No Website : www.coromandel.biz CIN L24120AP1961PLC000892 GSTIN : 37AAACC7852K1ZC

30-04-2025

EHS/APPCB/2025 - 54

То

The Member Secretary, APPCB Head Office, Dr. YSR Paryavaran Bhavan, APIIC Colony Road, Gurunanak Colony, Autonagar, Vijayawada- 520010

SUB: Submission of the CER/CSR Report for the period of October 2025 to March 2025

Ref: EC number F. No. 11-35/2015-IA-III, Dated 27 June 2017

Dear Sir,

This has reference to above mentioned subject, we are submitting the detailed report of CSR/CER activities carried out by Coromandel International Limited, Vizag during the period from October 2025 to March 2025.

We recognize the importance of sustainable business practices and are committed to making a positive impact on society and the environment.

The above submission is in line with EC compliance & Record please.

Thanking you,

« Yours faithfully,

For Coromandel International Limited

Guanasundaram M Vice President & Head Mfg.

NÁG/DŃR

Enclosure: CSR/CER Report Copy: RO, APPCB, Visakhap:tnam

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, 1-dia...

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fel 91-40-27842034 / 27847212 Fax , 91-40-27844117 E-mail : mail@coromandel.murugappa.com

NG215071911 118:523561520719 Counter No:1.02/05/2025.11:55 To:THE REARER SE.4FFCB HEAD OFFIC PMD:FERENCE OF 1:155 HEAD OFFIC PMD:FERENCE OF 1:155 HEAD OFFIC Ht:102045.FEG=17.0 Aut:55.45.Tax:8.46.Aut.Faid:55.00/Cash1

Ant: 55.46. Jax: 8.46. Ant. Faid: 5.00(Cash

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Annexure -6

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Form-No TCL/L/GF/RF-138

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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/09	924 DATE 01-11-2024		
Description of Test	Noise Level Monitoring	Noise Level Monitoring		
Name of the client	Coromandel Internation	nal Limited, Visakhapatnam		
Location of sampling	Asper details provided			
Date of collection	OCTOBER -2024			
	LOCATION / AREA	NOISE LEVEL LIMITI (70 de		
· · · · · · · · · · · · · · · · · · ·	1St Gate	50		
	2nd Gate	52		
	3rd Gate (Plant)	53		
62. . .	4th Gate	51		
Night	5th Gate	49		
mgm	6th Gate	52		
	7th Gate	53		
	8th Gate	58		
	9th Gate	56		
	Contractor gate	52		
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dE		
	1St Gate	66 `		
	2nd Gate	62		
	3rd Gate (Plant)	68		
	4th Gate	61		
D	5th Gate	65		
Day	6th Gate	67		
	7th Gate	62		
	8th Gate	66		
	9th Gate	69		
	Contractor gate	ab Ano		

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TEST REPORT

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Test Report No	TLC/V/Env/CIL/30C/1124	DATE 02-12-2024
Description of Test	Noise Level Monitoring	
Name of the client	Coromandel International Limi	ted, Visakhapatnam
Location of sampling	Asper details provided	
Date of collection	NOVEMBER - 2024	
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)
	1St Gate	50
	2nd Gate	54
	3rd Gate (Plant)	56
``	4th Gate	52
	5th Gate	50
Night	6th Gate	52
	7th Gate	54
	8th Gate	51
<u></u>	9th Gate	61
	Contractor gate	50
	•	NOISE LEVEL LIMITI (75 dB)
	1St Gate	62
	2nd Gate	60
	3rd Gate (Plant)	65
	4th Gate	61
Day	5th Gate	60
	6th Gate	65
	7th Gate	60
	8th Gate	63
	9th Gate	60
	Contractor gate	61

For Team Labs Consultants

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Registered Office :

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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/12	24 DATE 31-12-2024	
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	DECEMBER-2024		
	LOCATION / AREA	NOISE LEVEL LIMITI (70 dB)	
	1St Gate	52	
	2nd Gate	50	
	3rd Gate (Plant)	55	
	4th Gate	50	
Nicht	5th Gate	48	
Night	6th Gate	50	
	7th Gate	52	
	8th Gate	56	
	9th Gate	55	
	Contractor gate	50 ·	
	LOCATION / AREA	NOISE LEVEL LIMITI (75 dB)	
	1St Gate	68	
	2nd Gate	60	
	3rd Gate (Plant)	67	
	4th Gate	63	
D	5th Gate	67	
Day	6th Gate	65	
	7th Gate	64	
	8th Gate	68	
	9th Gate	67	
- 1947	Contractor gate	63	





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TEST REPORT

Test Report No	TLC/V/Env/CIL/32C/12	5	DATE 1-02-2025
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided	· · · · · · · · · · · · · · · · · · ·	
Date of collection	JANUVARY-2025		
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
	1St Gate		51
	2nd Gate		52
	3rd Gate (Plant)		53
	4th Gate		51
× • • • •	5th Gate	50	
Night	6th Gate		52
	7th Gate		56
	8th Gate		54
	9th Gate		53
	Contractor gate		51
······································	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
	1St Gate		69
	2nd Gate		63
	3rd Gate (Plant)		65
	4th Gate		66
	5th Gate	68	
Day	6th Gate	1	67
	7th Gate		63
	8th Gate		66
	9th Gate	i	65
	Contractor gate		64

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TEST REPORT

Test Report No	TLC/V/Env/CIL/31C/02	25	DATE 02-02-2025
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	FEBRUIARY-2025	<u> </u>	
	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
- <u></u>	1St Gate		50
	2nd Gate		52
	3rd Gate (Plant)		53
	4th Gate		51
b t:_L4	5th Gate		49
Night	6th Gate	-	52
	7th Gate		50
	8th Gate		54
444	9th Gate		53
	Contractor gate		52
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
	1St Gate	1	66
	2nd Gate		64
	3rd Gate (Plant)		69
	4th Gate		64
	5th Gate		65
Day	6th Gate	1	66
	7th Gate		63
	8th Gate		69
	9th Gate	1	68
	Contractor gate		65

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Recognised as Environmental Laboratory under Environmental (Protection) Act 1986 NABL Accredited Laboratory (Certificate No. TC-12956)

TEST REPORT

Test Report No	TLC/V/Env/CIL/36C/0225 DATE 31-03-2025		
Description of Test	Noise Level Monitoring		
Name of the client	Coromandel International Limited, Visakhapatnam		
Location of sampling	Asper details provided		
Date of collection	MARCH-2025		
、 、	LOCATION / AREA	NOISE	LEVEL LIMITI (70 dB)
	1St Gate		52
	2nd Gate		54
	3rd Gate (Plant)		55
	4th Gate		50
bitt. 4	5th Gate	52 *.	
Night	6th Gate		51
	7th Gate		53
	8th Gate		55
	9th Gate		51
	Contractor gate		50
	LOCATION / AREA	NOISE	LEVEL LIMITI (75 dB)
". · · · · · · · · · · · · · · · · · · ·	1St Gate		65
	2nd Gate		63
	3rd Gate (Plant)		67
	4th Gate		62
-	5th Gate		64
Day	6th Gate		68
	7th Gate		62
`	8th Gate		67'
	9th Gate		66
	Contractor gate		63 *

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EC PA SA EXPANSION Date : 14-07-2017

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Annexure - 7

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1. EC-NO-F.NO-J-11011/51/2016-IA II (I) Date: 14-07-2017 - 2. EC-NO-F.NO-J-11011/51/2016-IA II (I) Date: 07-01-2021

2

3. EC-NO-F.NO-J-11011/51/2016-IA II (I) Date: 07-01-2021 - 4 .EC-NO-F.NO-J-11011/51/2016-IA II (I) Date: 27-06-2022

5. EC-NO-F.NO-J-11011/51/2016-IA II (I) Date: 05-07-2018

· Considering Googe Learns and Charge Bally and and an area D : Overheren 4 15 peb.sp.govin/PERSive/Farindumy/Submacion_Complume_of_FE_CFE_CFO_Dimeters 0 8 K, * † 15 44 op. 🕥 STOCKET LOOK 🗢 Book Right Taluts... 🕥 EVD Web Period 🖷 🗰 er to Old for. 🕤 MCIC Totale Magin. 🛛 Despirer in Book 5 22 : G George ANDHRA FRADESH POLLUTION CONTROL BOARD 🏶 Life 6.2 (1997) පංසු බුස්ම කොඩබූ බණාංශික කාංශීව NOME ABOUTUS - FORINDUSTRY + FOR PUBLIC + CONTACT US LOGINS -Compliance of EC/CFE/ CFO/ Directions ston of compliance reports by five industries For submit 2.EC Order Number 1 1.Compliance Report : * EC-NO-E-NO-J-11011/51/2016-AH (I) EC 4 EC Order Issued By 3 EC Order Issued On * ¿ MoEF&CC, Dethi 07/14/2017 6 Address 5. Name of the industry 2* Scharguram , Makaguram PO Visekhopatanm - 530 nel Limited Commandel Inter 8 Email:* 7 District ** hageraud@coromendel.murugeppe.com Visakhapalnam 9. Phone:: * 19. Stepus of Comptance , 4 [Complied 8790035522 11. Upload the Compliance Report : Choose File | EC PA SA EXPANSION pdf · Granna a constantin a ser (Haran A Caller a Ser a seres \mathcal{D} D | (Weishison ÷ 👒 🧿 🧛 😂 poblap.gov.in:PCBDve/Forladustry/Sacinesian_CompNance_of_EC_CFE_CFG_Diffection ÷ ÷-🙆 Drop me in Boolone. >> : 🗁 All Bookmarks SS I 5 Google - The Smart Shore, 🖸 STOCKIST LOGIN 🐨 Look Fight Tix prb.ap.gov.in says HOME AS OGINS -Successfully inserted 1 Compliance Report СK EC 4.EC Order Issued By 3.EC Order Issued On * 07/14/2017 MoEF&CC, Dem ŧ 5. Name of the industry * 6. Address : * Sriheripurem, Malkapuram PO Visakhapatanm -- 5300 Coromandel International Limited 8. Email: 7 District :* nagarajud@coromandel.murugappa.com Visakbapatnam ł 10, Status of Compliance ; * 9. Phone : * 8790035522 Complied 11. Upload the Compliance Report : * Chaose File. EC PA SA EXPANSION pdf Note; * Environmental Clearance (EC) : Project proponent shall submit Half-yearly EC Compliance report certified by accredited consultant (self-certified compliance report in case of smail projects) i Rv6Kqt) Rv6Kah 13 Sebad



EHS/APPCB/2024 - 147

To

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Coromandel International Limited Post Box No. III6, Sriharipuram, Malkapuram Post Visakhapatnam - 530 Oll, Andhra Pradesh, India

Tel : 91-891-2578400 DID: 91-891-2893+Extn No

CIN

Website : www.coromandel.biz : L24120AP1961PLC000892

GSTIN : 37AAACC78Dafe2 30.12.2024

The Environmental Engineer, Andhra Pradesh Pollution Control Board. Regional Office, Behind RTA Office, Madhavadhara VUDA Colony, Visakhapatnam - 530 018

Sub: Submission of Six-monthly compliance report for Environmental Clearance order Enhancement of Phosphoric Acid production (from 700 MTPD to 1000MTPD) P205 and other auxiliary facilities within the existing FertilizerComplex, Sriharipuram as on 30.12.2024- Reg.

Ref: 1. EC Order No - F.No. 1.F. No. J-11011/51/2016-IA. II(I) - Date 14.07.2017 2. F. No. J-11011/51/2016-IA. II(I) - Date 07.01.2021 3.F. No. J-11011/51/2016-IA. II(I) - Date 27.06.2022 2. APPCB Notice No - PCB/RO-VSP/6 months compliance/2018 - Date 05. 07.2018

With reference to the above subject, herewith we are submitting the Six monthly condition wise compliance report as on 30.12.2024 of stipulated conditions in Environmental Clearance issued by MoEF@Newdelhi_vide F.No. 1.F. No. J-11011/51/2016-IA. II(I) dated 14.07.2017, 2. F. No. J-11011/51/2016-IA. II(I) dated 07.01.2021, 3.F. No. J-11011/51/2016-IA. II(I) dated 27.06.2022 of M/s Coromandel International Limited,,Sriharipuram Visakhapatnam Enhancement of Phosphoric Acid production (from 700 MTPD to 1000MTPD) P20s and other auxiliary facilities within the existing FertilizerComplex, Sriharipuram duly Certified by M/s TEAM Labs and Consultants NABL accredited Laboratory after carrying out site visit during the period 18.12.2024 and 19.12.2024 is enclosed for records.

This is for information please.

Thanking you,

Yours faithfully

For Coromandel International Limited

Gnanasundaram M Vice President & Head Mfg.

NAGENIAL Enclosures: 1, EC compliance report 2. NABL accreditation Certificate

Registered Office : Coromandel House, 1-2-10 Sardar Patel Road, Secunderabad-500 003 Telangana, India

Tel . 91-40-27842034 / 27847212 Fax: 91-40-27844117 E-mail mail@coromandel.murugappa.com



ANDHRA PRADESH POLLUTION CONTROL BOARD REGIONAL OFFICE, VISAKHAPATNAM

R LAKSHMI NARAYANA ENVIRONMENTAL ENGINEER Plot No.14, Flat No.103 & 104, Journalist Colony, Marripalem VUDA Colony, Opp: Spencers Visakhapatnam - 530009 Ph: 0891 - 2755356

Notice .No, /PCB/RO-VSP/6 months compliance/2018 -

- Sub:- APPCB, RO, VSP Non-submission of the Half yearly compliance report of CFO & HWA Conditions Notice issued Reg.
- Ref:- CFO & HWA Order issued by APPCB from time to time to the industries.

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WHEREAS, you are operating the industry in the jurisdiction of Visakhapatnam and obtained CFO of the Board from time to time.

WHEREAS, the APPCB has issued CFO & HWA Order by stipulating certain conditions to comply with.

WHEREAS, while issuing CFO and Auto Renewal CFO Orders, the Board stipulated a condition "The facility shall submit the compliance report to all the stipulated conditions for Consent for Operation for every six months i.e. on 1st of January and 1st of July of every year."

In view of the above, you are here by directed to submit the CFO'& HWA compliance report for every six months i.e. on 1st of January and 1st of July of every year.

You are requested to follow the above instructions without fail.

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Raavi	Digitally signed by
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Lakshmi	Narayana
<u>.</u>	* Date: 2018.07.05 *
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Date:05/07/2018

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Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001. Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

Coromandel International Limited, Visakhapatnam

Compliance status of Environment clearance

- 1. F. No. J-11011/51/2016-IA. II(I) dated 14.07.2017
- 2. F. No. J-11011/51/2016-IA. II(I) dated 07.01.2021
- 3. F. No. J-11011/51/2016-IA. II(I) dated 27.06.2022

(For the period from June -24 to November -24)

Enhancement of Phosphoric Acid production (from 700 MTPD to 1000 MTPD) P205 and other auxiliary facilities within the existing Fertilizer Complex, Sriharlpuram, Vishakhapatnam District, Andhra Pradesh by M/s Coromandel International Limited (Formerly M/s. Coromandel Fertilizer Limited) - Environmental Clearance – reg.

S.No.	Condition	Compliance
A. Spec	tific Conditions:	
i.	Green Belt of 10 M wide (Perennial trees) to be developed in three sides of plant periphery totaling 145-acre area.	
ii.	The present fresh water requirement is 8700 m3/day. Additional fresh water for the proposed enhancement is to be limited to 1650 m3/day. The total fresh water requirement post enhancement shall not exceed 10350 m3/day. The present sea water requirement for once through cooling is 63000 m3 / day and the same will be increased post enhancement to 84600 m3 / day.	implemented. The new water balance is limited to 10350 m3/day from GVMC and 6 MLD from the De-salination plant
HJ.	No ground water shall be used.	Complied Existing water surce is GV/A

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EIA Consultancy Accredided by NABET, Quality Council of India.



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Labs and Consultants

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		(local Municipal Body), no ground water source is used.
iv.	Post enhancement, the SO ₂ emissions from Sulphuric acid plant-I andsulphuric acid plant-2 shall be maintained at 1kg/MTand 0.65 kg/ MT.	Noted & being complied
ν.	Imported coal/ rice husk/bagasse fired boiler of 40 TPH will be installed withESP and 55 m stack height with SO ₂ emissions limited to 1188 Kg/ day.	Complied. Coal fired boiler has been provided a stack of 56 mts in height.
vi.	Existing two nos of LSHS fired boilers will be kept on standby mode.	LSHS Fired boilers kept as standby only.
vii.	The gaseous emissions (SO ₂ , NOx, NH ₃) and particulate matter from variousprocess units shall conform to the norms prescribed by the CPCB/SPCB fromtime to time. At no time, the emission levels shall go beyond theprescribedstandards. In the event of failure of any pollution control system adopted by theunit, the respective unit shall not be restarted until the control measures arerectified to achieve the desired efficiency. Stack emissions shall be monitoredregularly.	The emissions are maintained within the prescribed limits by CPCB/SPCB. Copy of the acknowledgment herewith is enclosed as Annexure -2
viii.	Ambient air quality data shall be collected as per NAAQS standards notifiedby the Ministry vide G.S.R. No. 826(E) dated 16 th September, 2009. The levelsof PMI0, S02, NOx, Ammonia, shall be monitored in the ambient air anddisplayed at a convenient location near the main gate of the company	Complied Industry conducting the Ambient Air Monitoring as per the National Ambient Air quality standards notified by MoEF Gol vid notification GSR 826 (E), di 16.09.2009. Industry provided display Board at min gate of the completive

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Coromandel International Limited, Visakhapatnam

IX.	and atimportant public places. The company shall upload the results of monitoreddata on its website and shall update the same periodically. It shallsimultaneously be sent to the Regional office of MOEF, the respective Zonaloffice of CPCB and the concerned State Pollution Control Board (SPCB). No process effluent shall be discharged in and around the project site. Processeffluents shall be treated in ETP.	Monitoring reports are submitted to the concerned authorities. A copy of the acknowledgment herewith is enclosed as Annexure – 03 All the process effluent are being treated
IX.	No process effluent shall be discharged in and around the project site.	•
	Sewage shall be treated in STP. Both treatedsewage water and process effluents shall be recycled/reused within factorypremises to achieve zero discharge except during the rainy season.	in ETP. Sewage treated in STP and treated water is being used for plantation
x.	Kisk assessment plan to be prepared and implemented.	Complied
xi.	In plant control measures for checking fugitive emissions from all thevulnerable sources shall be provided. Fugitive emissions shall be controlled byproviding closed storage, closed handling & conveyance of chemicals/materials,multi cyclone separator and water sprinkling system. Fugitive emissions in thework zone environment, product, raw materials storage area etc. shall beregularly monitored. The emissions should conform to the limits stipulated by the concerned SPCB.	Complied. All the necessary precautions for closed transport of raw materials and operations are implemented for limiting of fugitive emissions. Emissions are maintained within CPCB/SPCB prescribed limits. A copy of the third-party analysis reports herewith is enclosed as Annexure – 04
xli.	The gaseous emissions from DG set shall be dispersed through adequate stackheight as per CPCB standards. Acoustic enclosure shall be provided to the DGsets to mitigate	Complied DGs are only onstandby and an acoustic enclosure provided.

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	the noise pollution.	· · · · · · · · · · · · · · · · · · ·
xlii.	The company shall construct the garland	Complied
	drain all around the project site toprevent	Garland drains have been provided
	runoff of any chemicals containing waste	Effluent is being treated in ETP
	into the nearby water bodies.Effluent shall	
	be properly treated and treated wastewater	
	shall conform to CPCB standards.	
xiv.	The company shall obtain Authorization for	Complied.
	collection, storage and disposal ofhazardous	CFOhas obtained Order No
	waste under the Hazardous Waste	APPCB/VSP/65/CFO/HO/1967
	(Management, Handling and Trans-	04/08/2023
	Boundary Movement) Rules, 2008 and	
	amended as on date formanagement of	
	Hazardous wastes. Measures shall be taken	
	for firefightingfacilities in case of	
	emergency.	· · · · · · · · · · · · · · · · · · ·
XV.	The by-products which fall under the	Being Complied
	purview of the Hazardous Waste Rules,be	The by-products that fall under the
	handled as per the provisions of the said	purview of the Hazardous Waste Rule
	Rules and necessarypermissions shall be	handled in accordance with the
	obtained under the said rules.	provisions of these rules and shall obtain
		the necessary permissions as required.
xvi.	Spent catalysts and used oil shall be sold to	Complied.As per the existing procedure
	authorized recyclers /re-processorsonly.	respective wastes are sent to
	The Company shall strictly comply with the	authorizedrecyclers/PCB approvedTSDFs
	rules and guidelines underManufacture,	
	Storage and Import of Hazardous Chemicals	
	(MSIHC) Rules,1989 as amended time to	
	time. AllTransportation of Hazardous	
	Chemicals shallbe as per the Motor Vehicle	
	Act (MVA),1989.	
xvii.	The company shall strictly follow all the	Complied .
	recommendations mentioned in the Charter on Corporate Resconsibility for	
	on Corporate Responsibility for	

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	Environmental Protection (CREP).	
XV把。	All the commitments made during the	Noted and being followed.
	Public Hearing/Public Consultation meeting	
	held on 8th December, 2016 shall be	
	satisfactorily implemented and adequate	
	budget provision shall be made accordingly.	
xix.	Remote operated valve placed on NH3 line	Complied and PM schedule adhered
	to avoid leakage/equipment check shall be	
	performed to ensure that remote operated	
	valve (ROV)is all time is functional.	
xx.	At least 5 % of the total cost of the project	Complied.
	shall be earmarked towards theEnterprise	A copy of the submitted half-yearly CSR
	Social Commitment (ESC) based on local	report is enclosed in Annexure - 05
	needs and action plan withfinancial and	
	physical breakup/details shall be prepared	
	and submitted to theMinistry's Regional	
	Office at Bhopal. Implementation of such	
	program shall beensured accordingly in a	
	time bound manner.	
XXI.	Occupational health surveillance of the	Complied and continued as per the
	workers should be done on a regularbasis	Factories Act.
۳L	and records maintained as per the Factories	
-	Act.	
xxii.	Provision shall be made for the housing for	Complied.
	the construction labor within thesite with	
	all necessary infrastructure and facilities	
	such as fuel for cooking, mobile toilets,	
	mobile sewage treatment plant, safe	
	drinking water, medicalhealth care, creche	
	etc. The housing may be in the form of	
	temporary structureto be removed after the	×
	completion of the project. All the	
	construction wastesshall be managed so	
	equationerion mostessingh he inditaken so i	

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	environment.	
xxiii.	An Environment Cell will be set. up and a	Complied
	regular environmental managerhaving PG	A separate environment management
	qualification in environmental	···· ·· ··· ··· ··· ··· ··· ··· ··· ··
	sciences/environmental engineeringto be	AVP, HSE & plant level being setup
	appointed for looking after the	
	environmental management practices in the	
	plant.	
	B. GENERAL CONDITIONS:	
i.	The project authorities must strictly adhere	Noted By Industry.
	to the stipulations made by the state	
	Pollution Control Board (SPCB), State	57.
	Government and any other statutory	
	authority.	
łi.	No further expansion or modifications in	Noted By Industry
	the plant shall be carried out without prior	
	approval of the Ministry of Environment	
	and Forests. In case of deviations or	
	alterations in the project proposal from	
	those submitted to this Ministry for	
	clearance, a fresh reference shall be made	
	to the Ministry to assess the adequacy of	
	conditions imposed and to add additional	
	environmental protection measures	
	required, if any.	
ül.	The locations of ambient air quality	Complied
	monitoring stations shall be decided in	Industry installed 03 numbers of online
	consultation with the State Pollution	ambient air monitoring stations also
	Control Board (SPCB) and it shall be ensured	monitored the amblent air through a
	that at least one stations is installed in the	third party at 05 Locations. The reports
	upwind and downwind direction as well as	are submitted regularly.
	where maximum ground level	بر بر
	concentrations are anticipated.	
iv.	The National Ambient Air Quality Emission	It is being Complied. and

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	Standards issued by the Ministry vide G.S.R.	
	No. 826(E) dated 16th November, 2009	
	shall be followed.	
.V.	The overall noise levels in and around the plant area shall be kept well withinthe	Complied and noise levels are within the standards prescribed.
	standards by providing noise control	A copy of the third-partynoise
	measures including acoustic	monitoring reports herewith is enclosed
	hoods,silencers, enclosures etc. on all	as Annexure - 06
	sources of noise generation. The amblent	
	noiselevels shall conform to the standards	
	prescribed under Environment(Protection)	
	Act, 1986 Rules, 1989 viz. 75 dBA (day time)	
<u>vi.</u>	and 70 dBA (nighttime).	Complied
vi.	The Company shall harvest rainwater from the roof tops of the buildings andstorm	Compaea
	water drains to recharge the ground water	
\$	and use the same water forthe process	
	activities of the project to conserve fresh	
	water.	
vìl.	Training shall be imparted to all employees	Training is being Imparted regularly to
	on safety and health aspects ofchemicals	employees. Pre employment medical
	handling. Pre-employment and routine	check is part of HR policy before joining.
	pariodical medicalexaminations for all	Annual medical checkup is being
	employees shall be undertaken on regular	undertaken regularly for all the
	basis. Trainingto all employees on handling	employees.
viii.	of chemicals shall be imparted.	Complied
¥(1]2	The company shall also comply with all the environmental protectionmeasures and	complieu
	safeguards proposed in the documents	
	submitted to theMinistry. All the	
	recommendations made in the EIA/EMP in	
	respect ofenvironmental management, risk	
	mitigation measures and public.	
	hearingrelating to the project shall be	and
	implemented.	and Co
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		13-11/13

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	Coromandel International Lim	inco, visamapamani
ix.	The company shall undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activities shall beundertaken by involving local villages and administration.	A copy of the Half Yearly CSR report herewith is enclosed as Annexure – 05
X .	The company shall undertake eco- developmental measures includingcommunity welfare measures in the project area for the overall improvement of the environment.	Complied as per the submitted CSR plan A copy of the Half Yearly CSR repor herewith is enclosed as Annexure – 05
xi.	A separate Environmental Management Cell equipped with full-fledgedlaboratory facilities shall be set up to carry out the EnvironmentalManagement and Monitoring functions.	Complied A separate environment managemen cell at the corporate level headed by AVP, HSE & plant level being setup Industry appointed NABL &MoEFCG accredited Lab to carry out the Environmental monitoring regularly
xii.	The company shall earmark sufficient funds towards capital cost andrecurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government alongwith the implementation schedule for all the conditions stipulated herein. Thefunds so earmarked for environment management/pollution control measuresshall not be diverted for any other purpose.	Complied
xili.	A copy of the clearance letter shall be sent by the project proponent toconcerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Bodyand the local NGO, if any, from whom suggestions/ representations, if any,were received while processing the proposal.	Industry sent copies to the concerned

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xiv.	The project proponent shall also submit six	Complied
*****	monthly reports on the status of compliance	Compliance reports are sent regularly
	of the stipulated Environmental Clearance	and the same are uploaded in the
	conditions includingresults of monitored	company website. the company website
	data (both in hard copies as well as bye-	linkis
	mail) to therespective Regional Office of	www.coromandel.biz/sustainbilitycom
	MoEF, the respective Zonal_Office-of-CPCB	A copy of the submitted Half yearly is
	and SPCB. A copy of Environmental	enclosed in Annexure – 07
	Cearance and six monthly compliance	
	statusreport shall be posted on the website	
	of the company.	
xv.	The environmental statement for each	Complied.
	financial year ending 31st March inForm-	The environmental statement for the
	Vas is mandated shall be submitted to the	year FY:2024-25 was submitted on 27-
	concerned State PollutionControl Board as	09-2024Copy of the acknowledgment
	prescribed under the Environment	herewith is enclosed as Annexure-08.
	(Protection) Rules, 1986,as amended	
	subsequently, shall also be put on the	
	website of the companyalong with the	
	status of compliance of environmental	
	clearance conditions and shall also be sent	
	to the respective Regional Offices of MoEF	
	bye-mail.	
xvi.	The project proponent shall inform the	Complied
	public that the project has beenaccorded	
	environmental clearance by the Ministry	
	and copies of the clearanceletter are	
	available with the SPCB/Committee and	
	may also be seen at Websiteof the Ministry	
**	at http://moef.nic.in. This shall be	
	advertised within sevendays from the date	
	of issue of the clearance letter, at least in	
	two localnewspapers that are widely	
	circulated in the region of which one shall be inthe vernacular language of the locality	and

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Coromandel International Limited, Visakhapatnam

ſ		concerned and a copy of the same shallbe forwarded to the concerned Regional Office of the Ministry.	
*	xvii.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	The projects were completed with the internal accruals.

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Compliance to Amended Environmental Clearance dated 07.01.2021

F. No. J-11011/51/2016-IA-II (I) dt 7th January 2021

Proposed setting up of new 1500 MTPD Sulphuric acid (100%) plant within the Existing Fertilizer Complex, for total Sulphuric acid production of 3600 MTPD at Sriharipuram, Vishakhapatnam district, Andhra Pradesh, without increase pollution load and total production of NP/NPK (3900 MTPD) and Phosphoric Acid (1400 MTPD) by M/s. Coromandel International Limited (Formerly M/s Coromandel Fertilizers limited).

SI. No	Para of EC	Description/Conditions	Compliance
	issued by		×
<u></u>	MoEF&CC	······································	
1	Subject	Proposed setting up of new 1500 MTPD Sulphuric acid (100%) plant within the Existing Fertilizer Complex, for total Sulphuric acid production of 3600 MTPD at Sriharipuram, Vishakhapatnam district, Andhra Pradesh, without increase pollution load and total production of NP/NPK (3900 MTPD) and Phosphoric Acid (1400 MTPD) by M/s. Coromandel International Limited (Formerly M/s Coromandel Fertilizers limited).	-
2	Point 2	The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that proposal is for <u>setting up of new 1500 MTPD Sulphuric acid</u> (100%) plant within the Existing Fertilizer Complex, for total Sulphuric acid production of 3600 MTPD at Sriharipuram, Vishakhapatnam district, Andhra Pradesh, without increase pollution load and total production of NP/NPK (3900 MTPD) and Phosphoric Acid (1400 MTPD) by M/s.	ab and Co

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Coromandel International Limited, Visakhapatnam Coromandel International Limited (Formerly M/s Coromandel Fertilizers limited) 3 Point 3 Existing land area is 313 Acres, of which 120 Agreed and noted by acres is developed as greenbelt. Additional industry for compliance cost of the project is ~ 400 Crore. The additional estimated cost of various environmental management programs in the proposed project is ~ 10 Cr which is around 2.5% of proposed Additional project cost. In order to achieve consented 274 production of 3900 MTPD NP/NPK production, the facility intends to adopt the following modifications and upgrades in the upstream of the complex fertilize manufacturing units: Installation of Additional 1500 MTPD of Sulphuric Acid production plant along with existing 2100 MTPD Sulphuric Acid Plant (SAP-1 (1700 MTPD) & SAP2 (400 MTPD)). Total production capacity of Suphuric acid shall be 3600 MTPD Use of low sulphur coal in coal fired boiler and optimizing operations of existing sulphuric acid plant - I and coal fired boiler for no change in SO2 emission from the sanctioned emission load. Existing Phosphoric acid plant with production capacity of 1400 MTPD Provision of Sulfuric Acid storage capacity of 2 x 5000 MT + 2 X 12,500 MT +1500 MT along with existing storage capacity of 15,000 MT 4 Point 4 Power requirement will be increased from Agreed

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		<u>20 MW to 21 MW</u> . The facility has contracted grid power of 12 MW, 5 MW from APGPCL and in-house steam turbine capacity of 5MW. The net available power for the existing operation is in the order of 22 MW. Hence the available power is adequate to meet the total requirement of <u>21 MW</u> post enhancement.	、
5	Point 4 para3	Fresh water requirement will be increased from 10350 m3/day to 14550 m3/day, which will be sourced from Greater Vishakhapatnam Municipal Corporation (GVMC). Sea water consumption will be same i.e 84600 m3/ day.	industry for compliance
6	A-Specific Condition 1	Green Belt of 10 M wide (Perennial trees) to be developed in three sides of plant periphery totaling <u>120 acre area</u> .	
7	A-Specific Condition 1	The present freshwater requirement is <u>10350 m3/day. Additional fresh water for</u> <u>the proposed enhancement will be 4200</u> <u>m3/day. The total freshwater requirement</u> <u>post enhancement shall not exceed 14550</u> <u>m3/day</u> . The present sea water requirement for once through cooling will remain to be <u>84600 m3 / day</u> .	Agreed
8	A-specific Condition 4	Post amendment, the S02 emissions from Sulphuric acid plant-I and sulphuric acid plant-2 shall be maintained at 0.8 kg/MT and 0.65 kg/ MT and in Sulphuric Acid Plant- 3 shall be maintained at 0.75 kg/MT.	Noted by industry and being complied

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Annexure -8



Coromandel International Limited Post Box No. 1116, Snharipuram, Malkapuram Post Visakhapatnam - 530 011, Andhra Pradesh, India Tel : 91-891-2578400 DID : 91-891-2893+ Extn No Website : www.coromandel.biz CIN : L24120AP1961P1C000892 GSTIN : 37AAACC7852K12C

Date:27.09.2024

EHS/APPCB/2024-097

To The Member Secretary, A.P. Pollution Control Board, D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada-520 020 KIS418000661N 1VR:827834180006 N. NALKAPURAN S.D (530011) Counter No:1.27/09/2024.14:14 To:THE MEMBER SE.APPCB VIJAYAMADA PIH:520010. Venkateswarapuras S.O From:BHS HOD CUR.FORM 5 CIL VIZAS Wt:240ms.REG=17.0 Act:90.85.Tar:13.85.Ast.Paid:91.00(Cash) (Track on see.indiapost.cov.in) (Thial 18002668889) (Near Masks. Stay Safe)

Sub: Submission of Environmental Statement in Form-V for the financial year 2023-24 as per the Environmental Protection Act -1986 reg.

Raf: 1. Consent Order No: APPCB/VSP/65/CFO/HO/1967 - 04/08/2023

Dear Sir,

We are enclosing herewith the Environment Statement for the financial year 2023-24 ending with 31" March 2024 In prescribed Form-V with respect to Coromandel International Ltd. along with relevant annexures.

This is submitted as per the guidelines of Environment protection act -1986

Thanking you

Yours faithfully For Coromandel International Limited

M. Gnanasundaram VP & Head - Manufacturing

N4. NAG

Encl: As above

Cc: 1. The Joint Chief Environmental Engineer, Zonal Office, APPCB, Visakhapatnam-18

2. The Environmental Engineer, Regional Office, APPCB, Visakhapatnam-18



Tel : 91-40-27842034 / 27847212 Fax : 91-40-27844117 E-mail : mai@coromandel.morugappa.com





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