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CE/ SHE/ MoEF - CR/2025 – 26 -II

18th May 2026

To,

The Deputy Director General of Forests.
Ministry of Environment & Forest and Climate change
Integrated Regional office
1st Floor, Additional Office Block for GPOA
Shastri Bhawan, Haddows Road
Nungambakkam, Chennai - 600006

Sir,

Sub: Half Yearly Report – October 2025 to March 2026.

Here with enclosed our **Compliance status of EC Clearance for Expansion – Cum- Modernisation of Compound Fertilizer Complex (APS 1,70,000 MTPA, Sulphuric Acid plant capacity 1,81,000 MTPA Phosphoric Acid plant capacity 35,800 MTPA F. No J-11011/7/93-IA II (I) dated 16th December 1993.** for the period of October 2025 to March 2026.

Thanking You,

Yours Faithfully

For Coromandel International Limited,

R. Shanmugam

Associate Vice President – Manufacturing

CC to:

1. Regional Officer – CPCB, SE Zonal, Chennai
2. Joint Chief Environmental Engineer, Chennai.

Compliance status of Environment Clearance
F. No. J-11011/7/1993-IA II dated 16.12.1993.

1	The project authorities must strictly adhere to the stipulations made by the Tamil Nadu Pollution Board and the State Government	The conditions given in the consent order are complied.
2	No expansion or modernization of the plant should be carried out without prior approval of the Ministry Environment & Forests	Our plant was established in the year 1963 prior to the CRZ Notification. We have not increased our footprint. We have obtained EC for the expansion vide dated 16-12-1993. We have carried out expansion activities with prior approval from MoEF CC, vide dated 03-09-2007. We have obtained No Increase in Pollution Load from TNPCB vide Lr. No. T1/TNPCB/F.016460/CHN/RL/2023 after applying (as referenced by Single Window No: SW/2392/2023) and obtaining acknowledgement in PARIVESH Portal and obtained certified compliance report from Regional Office, MoEF. Thereafter obtained a "No Increase in Pollution Load" certificate from TNPCB for this enhancement, without altering our equipment, footprint, or increasing air emissions and effluent loads.
3	The gaseous emissions (SO2, F, NOx, NH3, particulate matter and hydrocarbons) from the various processes/units should conform to the load/mass-based standards notified by this Ministry on 19th May 1993 or those may be notified from time to time. The State Board may specify more stringent standards for the relevant parameters, keeping in view the nature of the industry and its location. At no time, the emissions should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be immediately put out of operation and should not be restarted until the control measures are rectified to achieve the desired efficiency.	All the plant stacks are monitored regularly, and the emissions are well within the limit. A monthly report regarding emission has been reported to the Ministry's Regional Office, CPCB and SPCB. All the process plant stacks are installed with the online emission monitoring system for continuous monitoring. All the values are connected to TNPCB/CPCB Care Air Centre. Necessary interlocking in place to avoid the emission value going beyond the prescribed standard values.
4	At least four ambient air quality monitoring stations should be set up in the down wind direction as well as where maximum ground level concentrations of Fluorine, SO2, NOx,	The unit has set up three Continuous Online Ambient Air Quality Monitoring Stations in upwind and down-wind directions.

	NH3 and SPM are anticipated in consultation with the State Pollution Control Board. The air quality monitoring stations should be selected on the basis of modelling exercise to represent short-term ground level concentrations, sensitive targets etc. Port holes and sampling facilities should be provided for all the stacks as per the Central Pollution Control Board Guidelines. Stack emissions should be monitored by setting up an automatic continuous stack monitoring unit in consultation with the State Pollution Control Board. Data on ambient air quality and stack emissions should be submitted to this Ministry once in six months and to the State Pollution Control Board once in three months along with the statistical analysis and interpretation.	Apart from the above, four manual Ambient Air Quality monitoring stations are set up in both up wind and downwind directions. The Monitoring stations are installed based on the consultation of State Pollution Control Board. The last six-month reports are attached as **Annexure** for the Stacks and Ambient air quality
5	Rock Phosphate Storage area should be separated from the APS storage site. Regular monitoring within and outside the APS Store House, and product packing zone should be carried out for ammonia.	Rock phosphate and APS (Fertilizer) product storage are separated through partition wall. Regularly monitoring in the Fertilizer stored area and product packing area was carried out for Ammonia.
6	The Sulphur storage yard should have a separate drain to collect surface run-off water.	We have constructed a separate trap to collect the surface run off water.
7	An online SO2 monitor should be provided with Sulphuric Acid Plant	Online SO2 analyzer installed in both Sulphuric acid plant and connected to TNPCB /CPCB.
8	Ammonia gas leakages from storage and loading points should be efficiently controlled or collected and scrubbed or may be sent to incinerator for flaring. Adequate precautions for handling ammonia vapors in case of emergency situation arising due to closure of the plant should be taken.	Ammonia Gas sensors were installed to identify any possible leakage and water curtains were provided to contain the ammonia leakage if any. Ammonia Vapor is being handled through compressors. Flare arrangements have been installed to handle the excess ammonia vapor in case of emergency. Emergency DG sets and Instrument Air compressors were installed to handle emergency scenario especially power failure.
9	Fugitive emissions should be controlled, regularly monitored and data recorded. Automatic monitors for ammonia should be provided at appropriate places in the plant.	Workplace environment monitoring is being carried out regularly. Ammonia sensors were installed at a strategic location based on F&G

	Fugitive emissions of Sulphur dust during the charging operations should be controlled. Fumes of Sulphur emanating from molten Sulphur tank should also be controlled.	mapping. Water Spraying system is provided to control fugitive emissions in the Sulphur handling area. Regular cleaning of the roads is ensured to prevent fugitive emissions.
10	Oil bearing wastewater should be treated for removal of oily matter and oil traps should be properly maintained so as to conform to the prescribed standards	The unit has not generated any oil – bearing wastewater. To prevent any kind of mix up, the oil and lubricants drums are stored in dedicated storage area only. Used oil drums are stored in the dedicated Hazardous Waste storage area only.
11	Guard Pond(s) of sufficient holding capacity should be provided to cope with the effluents discharged during the process disturbances. The contributing units should be immediately shut down and should not be restarted without bringing the system back to normalcy	The unit has sufficient storage tank and sump to store the effluents during the process disturbances.
12	The industry should practice "zero discharge" from the plant, except when the cooling tower blows down. The wastewater should be recycled to the extent possible and should conform to the prescribed standards of TNPCB.	All the cooling tower and boiler blowdown water are being reused in phosphoric acid plant. The STP treated water is being reused in gardening. Therefore, the unit is maintaining Zero Effluent Discharge.
13	The ground water tapping should be completely stopped by June 1994 either by commissioning RO/multi-stage distillation plant.	The Unit has commissioned Multi Effect Distillation to meet the water requirement. The unit is not using any ground water.
14	Adequate number of effluent and ground water monitoring stations should be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters. Monitored data along with statistical analysis and interpretation in the form of a report should be submitted to this Ministry once in six months and to the State Pollution Control Board once in three months.	The unit has been analyzing the ground water (Piezo well), STP treated water and MED rejected water on monthly basis. The report was submitted to SPCB. The Compliance report along with the water analysis report was submitted to MoEF. **The monitoring data for the last six months are attached as Annexure**
15	Hazardous waste should be handled as per the Hazardous Waste (Management & Handling) Rules, 1989 of the Environment (Protection) Act, 1986.	The Unit has maintained the Hazardous waste as per Manufacture, Storage, and Import of Hazardous Chemicals Rules, 2016.

		Hazardous Waste authorization is valid up to March 31.03.2027. The Unit also have agreement with Tamil Nadu Waste management limited for disposal of Spent catalyst (Vanadium Pent oxide) and other hazardous waste sent to CPCB authorized recycler.
16	Handling, manufacture, storage and transport of hazardous chemicals should be carried out in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.	Complied.
17	The project authorities should prepare and submit detailed quantitative risk assessment report along with on-site and off-site emergency preparedness plans (EPP) especially for ammonia stored within the premises of the fertilizer plant as required under the Rules 13 and 14 of the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 within six months. have approval from the competent authorities. EPPS should have approval from the competent authorities. The approval of the Chief Inspector of Explosives should also be obtained	The unit has conducted the Quantitative Risk assessment with CLRI under the Rules 13 and 14 of the Manufacture, Storage, and Import of Hazardous Chemicals Rules, 1989. The same report is submitted to concerned authorities.
18	Adequate measures for the control of noise within the plant should be taken so as to keep the noise levels below 85 dB in the working environment. Persons working near the noisy machines in Compressor Room, DMP, etc. should use earmuffs/ plugs.	All control rooms have double wall protection and steam vents have silencers. Ear Plugs/Muffs usage were strictly adhered in the noisy environment such as compressor room etc. Noise level is being regularly monitored and reported to SPCB. The noise levels are within the limit.
19	Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point should be established. Steps should also be taken to ensure access to information on weather conditions prevailing at the time and weather forecast. Windsocks at appropriate locations should be provided.	Sieren is available to alert the emergency. The unit has prepared an onsite emergency plan in which the standard procedure for accident occurrence communication is detailed. Windsocks have been provided on the plant premises.

20	The workers entering the APS Godown and product packing areas should be provided with protective clothes, safety shoes, gloves etc.	All the workers are provided with Personnel Protection Equipment such as safety shoes, gloves, double layer mask, googles.
21	The height of containment wall all around the gypsum yard should be raised by at least 1.5 meters to avoid overflow of water and gypsum. Periodically, strength of the impervious LDPE lining provided in the pond should be checked to avoid ground water contamination	Gypsum yards are constructed and maintained with impervious layers and leachate pond to avoid ground water contamination. Leachate pond water is being reused in phosphoric acid plant.
22	Health status of the Ammonia Storage Tank, Stacks and other metallic structures should be carried out regularly and anti-corrosion measures be undertaken ensure structural soundness.	We have conducted a third-party inspection by OEM- tKIS group to assess the health status of the Ammonia Storage Tank, pipelines, and metallic structure during September 2022. The Report concludes that the Ammonia tank is fit for use under the current design/ operating parameters till the next inspection interval of 5 years for External inspection and 10 years for internal inspection. The unit has followed asset integrity schedule to check the healthiness of the structures and equipment regularly. Appropriate Anti Corrosive Measures (structural painting) are being carried out regularly.
23	A workable plan for 100 percent gypsum utilization should be prepared and submitted to this Ministry for approval within 3 months.	The unit is continuously dispatching gypsum to the Cement Industries. The unit has prepared sales plan for 100 % gypsum utilization.
24	A green belt of adequate width and density should be raised all around the fertilizer complex and the township. Native plant species should only be selected for this purpose in consultation with the local DFO.	The unit is continuously developing the green belt with native plant species (Banayan, Peepal, Neem etc.) in and around the factory premises
25	A separate Environmental Management Cell with suitably qualified people to carry out various functions should be set up under the control of Senior Executive, who will report directly to the Head of the organization.	The Unit has appointed Environmental Engineer. We have Environment Site committee which meets every month and discusses Environment management system and implementation.

26	Periodic medical check-up of the workers should be done, and records maintained	The unit is conducting a periodic medical check-up for all workers (Employee & Contractor) regularly and records are maintained.
27	The funds earmarked for the environmental protection measures should not be diverted for other purposes and Yearwise expenditure should be reported to this Ministry.	The unit has a separate cost center for the environmental protection measures and funds are utilized accordingly for the Environmental Protection measures.
28	The industry should obtain necessary approval from this Ministry for the proposed ammonia storage facilities (12,500 Tones) to be provided at Madras Harbor. They should also abide by the provisions of CRZ notification.	The unit has obtained approval from the Ministry for Ammonia Storage facilities. (O.M. No: J-17011/9/94-IA.III dated 20th December 1995). The Ammonia tank approval is for the EC and under CRZ.

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AMBIENT AIR QUALITY MONITORED AT FOUR LOCATIONS DURING OCT -25 to MAR - 26

Location	Admin Building					PAP Side					Ammonia Terminal					East Gate				
Parameters	$PM_{2.5}$	PM_{10}	SO_2	NOX	NH3	$PM_{2.5}$	PM_{10}	SO_2	NOX	NH3	$PM_{2.5}$	PM_{10}	SO_2	NOX	NH3	$PM_{2.5}$	PM_{10}	SO_2	NOX	NH3
Month	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3	µg/ Nm^3
Oct-25	9	43	11	15	6	13	48	13	16	6	4	30	5	11	10	22	61	25	13	7
Nov-25	9	42	19	14	6	12	46	11	16	6	3	29	3	11	7	24	68	13	14	8
Dec-25	10	43	26	14	6	12	45	16	14	7	4	30	3	10	6	23	64	10	13	7
Jan-26	9	48	33	14	6	13	50	13	15	8	4	30	9	12	6	21	64	15	14	7
Feb-26	10	51	27	15	7	15	54	14	16	6	4	31	8	13	7	26	65	11	14	7
Mar-26	12	45	9	13	7	13	52	13	14	7	3	29	9	10	7	25	66	15	16	7

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Piezo Bore well Samples result for Oct - 25 to Mar -26

Location: SAP - 2

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7.0	28	3100	245	176	<10	<5	48	1.5	<1	1.1
Nov-25	7.2	22	1050	112	110	<10	<5	35	0.4	<1	0.5
Dec-25	7.2	20	1000	105	102	<10	<5	32	0.4	<1	0.5
Jan-26	7.2	18	1050	110	96	<10	<5	30	0.6	<1	0.5
Feb-26	7.3	14	710	86	36	<10	<5	26	0.6	<1	0.4
Mar-26	7.3	14	720	90	40	<10	<5	25	0.6	<1	0.4

Location: Near WTP

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7	41	3350	250	162	<10	<5	61	1.8	3	1.2
Nov-25	7.4	36	1120	130	104	<10	<5	40	0.5	3	0.6
Dec-25	7.4	34	1050	122	94	<10	<5	36	0.5	3	0.6
Jan-26	7.3	32	1100	132	90	<10	<5	36	0.5	3	0.6
Feb-26	7.2	12	650	82	18	<10	<5	24	0.5	<1	0.6
Mar-26	7.1	11	680	86	24	<10	<5	28	0.5	3	0.6

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Piezo Bore well Samples result for Oct- 25 to Mar - 26

Location: Near Stores

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	6.9	32	2700	232	168	<10	<5	58	1.5	3	1
Nov-25	6.9	30	980	102	96	<10	<5	42	1.6	3	0.9
Dec-25	6.9	26	950	96	86	<10	<5	38	1.5	3	0.9
Jan-26	6.9	25	980	102	82	<10	<5	40	1.6	3	0.9
Feb-26	6.9	18	480	56	20	<10	<5	32	0.5	<1	0.6
Mar-26	6.9	16	610	62	30	<10	<5	30	1.6	3	0.5

Location: Near STP

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7.1	9	1300	162	72	<10	<5	12	<1	<1	<0.1
Nov-25	7.4	10	1150	142	60	<10	<5	11	<1	<1	<0.1
Dec-25	7.4	8	1080	130	56	<10	<5	10	<1	<1	<0.1
Jan-26	7.2	9	1080	145	60	<10	<5	10	<1	<1	<0.1
Feb-26	7.2	6	1250	145	64	<10	<5	14	<1	<1	<0.1
Mar-26	7.2	6	1200	140	58	<10	<5	12	<1	<1	<0.1

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MED outlet Sea Water analysis report for Oct - 2025 to Mar - 2026

All parameters are in mg/l except pH

Parameters	pH	Temp C	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride	Nitrate Nitrogen	Total Nitrogen
Oct-25	8.6	30	2	38100	21200	2700	<10	<5	56	<1	3	<0.1	BDL	3
Nov-25	8.6	28	2	32200	17370	2645	<10	<5	52	<1	3	<0.1	BDL	3
Dec-25	8.5	29	2	33100	18400	2790	<10	<5	50	<1	3	<0.1	BDL	3
Jan-26	8.5	30	2	31910	17730	2750	<10	<5	46	<1	3	<0.1	BDL	3
Feb-26	8.5	29	2	32900	18260	2810	<10	<5	48	<1	3	<0.1	BDL	3
Mar-26	8.5	31	2	41500	23220	2780	<10	<5	45	<1	3	<0.1	BDL	3

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Plants stack analysis result for the OCT - 2025 to MAR - 2026

Plant	SAP 1		SAP 2		PAP Stack		APPS Stack		
Parameters	SO_2 Kg/Ton of acid	Acid mist mg/Nm^3	SO_2 Kg/Ton of acid	Acid mist mg/Nm^3	F mg/Nm^3	SPM mg/Nm^3	SPM mg/Nm^3	NH_3 mg/Nm^3	F mg/Nm^3
Oct-25	0.28	19	0.35	18	1.7	11	S/D	S/D	S/D
Nov-25	0.27	20	0.39	17	0.6	11	S/D	S/D	S/D
Dec-25	0.38	18	0.39	18	1.3	12	S/D	S/D	S/D
Jan-26	0.39	18	0.51	16	2	12	S/D	S/D	S/D
Feb-26	0.43	17	0.29	21	1.1	12	S/D	S/D	S/D
Mar-26	0.4	18	0.37	19	0.5	11	S/D	S/D	S/D

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Sewage Treated Water Analysis Report for OCT - 2025 to MAR -2026

All parameters are in mg/l except pH

Parameters	pH	TSS	BOD
Oct-25	7.1	3	<5
Nov-25	7.1	3	<5
Dec-25	7.3	3	<5
Jan-26	7.4	2	<5
Feb-26	7.1	2	<5
Mar-26	7.1	3	<5