



RED CATEGORY

CONSENT & AUTHORIZATION ORDER

Consent Order No: 7055/APPCB/ZO-VSP/CF0/VSP/2021

Date: 01.11.2021

CONSENT is hereby granted for Operation 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 and 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 Ltd.,
(Formerly M/s. Coromandel Fertilizers Ltd.,)
Visakha Terminal, Inner Harbour, Port Area,
Visakhapatnam District.

(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:

(i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic	0.8 Kilo Liters/Day	Septic tank followed by soak pit.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)

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

M/s. Coromandel International Ltd., (Formerly M/s. Coromandel Fertilizers Ltd.),
Visakha Terminal, Inner Harbour, Port Area, Visakhapatnam District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• HAZARDOUS WASTES WITH RECYCLING OPTION:

S. No.	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Waste lubricating oil	5.1 of Schedule – I	30 Liters/ Annum	Shall be used as lubricant within the premises (or) Shall be routed through M/s. Andhra Pradesh Environment Corporation (APEMC) so as to send to authorized Re-processors / Recyclers.

2.	Tank Bottom sludge	34.2 of Schedule – I	1000 Tons/Annum	Shall be disposed to M/s. Coromandel International Ltd., Sriharipuram, Malkapuram, Visakhapatnam for further processing through APEMC.
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This consent order is valid for the following products along with quantities indicated only:

S. No.	Products	Capacity
1	Storage and handling of Phosphoric Acid	Two tanks of 10000 MT each (<i>Total storage capacity : 20000 MT</i>)

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 & Hazardous Waste Authorization shall be valid for a period ending with the **31.03.2026**.

JOINT CHIEF ENVIRONMENTAL ENGINEER

To
M/s. Coromandel International Ltd.,
(Formerly M/s. Coromandel Fertilizers Ltd.,)
Visakha Terminal, Inner Harbour, Port Area,
Visakhapatnam District.

- Copy to the Environmental Engineer, Regional Office, Visakhapatnam for information and with a direction to verify the method of processing of tank bottom sludge by M/s. Coromandel Fertilizers Ltd., Sriharipuram, Malkapuram (PO), Visakha Terminal, Visakhapatnam and submit a detailed report.

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. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. Not with standing 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.
6. 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.
7. 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. 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.

SCHEDULE – B

SPECIAL CONDITIONS:

- 1) The industry shall comply with recommendations of onsite emergency plan, safety audit and HAZOP/HARA study report.
- 2) The industry shall inform RO about cleaning of tank bottom sludge (1000 TPA) every year before cleaning and sending to main plant.

WATER POLLUTION:

- 3) The industry shall not generate any process and wash wastewater and shall not discharge any wastewater within or outside the industry premises.
- 4) The industry shall comply the following effluent standards based on the disposal points permitted:
Shall comply the norms notified by MoEF & CC vide Notification No:G.S.R.422(E) dated:19.05.1993.

Outlet	Parameter	Concentration in mg/l

- 5) The source of water being ground water. The following is the permitted water consumption:

S. No.	Purpose	Quantity
1.	Domestic	1.0 Kilo Liters / Day
	Total	1.0 Kilo Liters / Day

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above for Cess assessment purpose.

- 6) The industry shall provide digital flow meters with totalizer facility for measuring the actual quantity of water consumption within one month and shall maintain log registers for the same.
- 7) The industry shall not discharge the wastewater outside the factory premises under any circumstances.

AIR POLLUTION:

- 8) The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m³; PM2.5 (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/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.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)

- 9) The industry shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification GSR 826 (E), dt.16.11.2009 at the boundary of the premises during regular operation.
- 10) The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity 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.
- 11) The industry shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.

GENERAL:

- 12) The generated tank bottom sludge of phosphoric acid – 3 tons/day shall be collected in a scientific manner and send to parent industry for further processing.
- 13) The industry shall not cause any air pollution / odour nuisance to the surrounding environment.
- 14) The industry shall not store any chemical in the storage tanks other than phosphoric acid.
- 15) The industry shall handle the phosphoric acid safely without any spillages on ground.
- 16) M/s. Coromandel International Ltd., shall ensure taking all safety precautions for handling of caustic soda by M/s.IMC.
- 17) M/s. Coromandel International Ltd., shall ensure to treat the wastewater generated due to washing of pipeline in M/s.IMC facility.
- 18) The industry shall comply with the industry specific standards with respect to process emissions stipulated by the MoEF & CC, GoI, New Delhi from time to time.
- 19) The industry shall take necessary measures to control the emissions during handling and storage of raw materials & products.
- 20) The facility shall not cause dust / air / noise pollution problems to the surrounding Environment.
- 21) The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.

- 22)The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
- Daily production details.
 - Quantity of Effluents generated, treated, recycled/reused and disposed.
 - Log Books for pollution control systems.
 - Characteristics of effluents and emissions.
 - Hazardous/non hazardous solid waste generated and disposed.
 - Inspection book.
 - Manifest copies of effluents / hazardous waste.
- 23)The industry shall develop green belt in all the vacant places.
- 24)The industry shall maintain good housekeeping with-in the premises.
- 25)The industry shall submit a compliance report on CFO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.
- 26)The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.
- 27)Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

SCHEDULE - C
[See Rule 6 (2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

- 1) All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E (P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
- 2) The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.
- 3) 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.
- 4) The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to concern 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.
- 5) The industry shall maintain proper records for Hazardous Wastes stated in Authorization 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 6(5), 13(8), 16(6) and 20(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.
- 6) The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 7) The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 8) Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- 9) The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.
- 10)The person authorized 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".

- 11) The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 12) Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 13) Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
- 14) 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.
- 15) 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 to the Regional Office, APPCB time to time duly certifying the same by the industry. Further the industry shall extend training to the working personnels while handling hazardous chemicals for prevention of accidents and necessary antidotes to ensure the safety, as per the MSIHC Rules, 1989.
- 16) The industry shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MSIHC Rules, 1989.
- 17) "The industry shall carryout calibration of safety equipments 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".
- 18) The industry shall inventorize 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 monthly basis duly certifying the same by the industry.
- 19) The industry shall submit the compliance of all the conditions stipulated in the CFO & HWA order within 6 months and submit report to Regional Office & Zonal Office.

JOINT CHIEF ENVIRONMENTAL ENGINEER

**M/s. Coromandel International Ltd.,
(Formerly M/s. Coromandel Fertilizers Ltd.,)
Visakha Terminal, Inner Harbour, Port Area,
Visakhapatnam District.**