



F.No . IA-J-11011/51/2016-IA-III(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division

Indira ParyavaranBhavan,
Vayu Wing, Aliganj,
JorBagh Road, New Delhi-110 003

Dated: 27th June, 2022

To,

M/s Coromandel International Limited,
Post Box No. 1116, Sriharipuram,
Malkapuram Post, Visakhapatnam,
Andhra Pradesh
E-mail: - satyasubrahmanyamn@coromandel.murugappa.com

Subject: - 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.

Sir,

This has reference to your online proposal No. IA/AP/IND3/269654/2022 dated 26.04.2022 for amendment in the Environment Clearance (EC) to the above mentioned project. The M/s Coromandel International Limited obtained EC vide letter no. IA-J-11011/51/2016-IA-III(I) dated 14.07.2017 and amended in the same vide letter dated 07.01.2021. The PP vide proposal No IA/AP/IND2/49286/2016 dated 26.04.2022 applied again for amendment in EC and the proposal was placed in 31st EAC meeting held on May, 11-12, 2022, wherein the project proponent requested for following amendment in previously granted EC:

S.No.	Para of EC issued by MoEF&CC	Details as per the EC	To be revised/read as	Justification/reasons
1	Para 3, Sr. No. 1 of Table	“Proposed Setting up of new 1500 MTPD Sulphuric Acid (100%) plant within	“Proposed Setting up of new 1500 MTPD Sulphuric Acid (100%) plant	Only change in location of new 1500 MTPD Sulphuric Acid (100%) Plant within

	(Subject)	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. Coromandal International Limited (Formerly M/s Coromandel Fertilizers limited)”	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. Coromandal International Limited (Formerly M/s Coromandel Fertilizers limited)”	<p>the existing fertilizer complex is proposed. The change in the location of proposed Sulphuric acid plant is envisaged to bring the plant near to utilities and downstream its user plants such as Phosphoric Acid Plant and Complex Fertilizer plant. By installation of proposed Sulphuric acid plant at a new location, pipeline extension will be reduced and there would be optimization of pipeline size as the pressure drop will be reduced. There will be no change in pollution load as shifting of land location has been proposed.</p> <p>Both Sulphuric Acid and Phosphoric Acid are intermediates to chemical fertilizer (Phosphoric fertilizers), which stand alone is not covered under the ambit of EIA Notification, 2006.</p>
2	Para 3, Sr. No. 5 of Table (Point 4 para 3)	<p>Fresh Water requirement will be increased from 10350 m3/day to 14550 m3/day, which will be sourced from Greater Vishakhapatnam Municipal Corporation(GVMC). <u>Sea Water consumption will be</u></p>	<p>Fresh Water requirement will be increased from 10350 m3/day to 14550 m3/day , which will be sourced from Greater Vishakhapatnam Municipal Corporation (GVMC). <u>Sea Water</u></p>	<p>GVMC is unable to supply the agreed freshwater demand during drought or monsoon failure. Hence, the company has proposed for utilization of sea water for production of sweet water by “Installation of Desalination Plant”. The desalination plant</p>

		<u>same i.e 84600 m3/day.</u>	<u>consumption will be increased from 84600 m3/day to 124600 m3/day. Therefore, supply source will be GVMC or sea water.</u>	will act as backup during failure of monsoon and as standby source for freshwater.
3	Para 3, Sr. No. 7 of Table (A-Specific Condition 2)	The present freshwater requirement is 10350 m3/day. Additional fresh water for the proposed enhancement will be 4200 m3/day. The Total freshwater requirement post enhancement shall be not exceed 14550 m3/day. <u>The present sea water requirement for once through cooling will remains to be 86400 m3/day.</u>	The present freshwater requirement is 10350 m3/day. Additional fresh water for the proposed enhancement will be 4200 m3/day. The Total freshwater requirement post enhancement shall be not exceed 14550 m3/day. <u>The present sea water requirement for once through cooling will increase from 84600 m3/day to 124600 m3/day.</u>	
4	Para 4 (v)	Point 4 para 3 shall be read as "Fresh water requirement will be increased from 10350 m3/day to 14550 m3/day, which will be sourced from Greater Vishakhapatnam Municipal Corporation (GVMC). <u>Sea Water consumption will be same i.e 84600 m3/day.</u>	Point 4 para 3 shall be read as "Fresh water requirement will be increased from 10350 m3/day to 14550 m3/day, which will be sourced from Greater Vishakhapatnam Municipal Corporation (GVMC). <u>Sea Water consumption will be increased from 84600 m3/day to</u>	

			<u>124600 m3/day.</u>	
5	Para 4 (vii)	A-Specific Condition 2 Shall be read as "The present freshwater requirement is 10350 m3/day. Additional fresh water for the proposed enhancement will be 4200 m3/day. The total freshwater requirement post enhancement shall not exceed 14550 m3/day. <u>The present sea water requirement for once through cooling will remains to be 84600 m3/day.</u> "	A-Specific Condition 2 Shall be read as "The present freshwater requirement is 10350 m3/day. Additional fresh water for the proposed enhancement will be 4200 m3/day. The total freshwater requirement post enhancement shall not exceed 14550 m3/day. <u>The present sea water requirement for once through cooling will be increased from 84600 m3/day to 124600 m3/day.</u>	

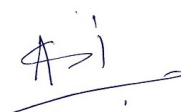
2. The EAC deliberated on the change in location of new 1500 MTPD Sulphur Acid, fresh water requirement, sea water requirement, change in the pollution load, The Committee also recommended that the PP needs to develop the dense green belt around the periphery of the Unit. After detailed deliberations, the EAC accepted the request of the PP and **recommended** the proposal for Amendment in EC condition, as detailed in abovementioned table. The Committee also recommended the following specific conditions:

- (i). All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The Project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

(ii). The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.

3. Based on the recommendations of the EAC, the Ministry of environment, Forest and Climate Change hereby accords approval for the amendments (as per above mentioned para) in the Environmental Clearance dated 14.07.2017 (as amended on 07.01.2021) with aforementioned additional specific EC conditions. The all other terms and conditions stipulated in the existing EC remain unchanged.

4. This issues with approval of the Competent Authority.



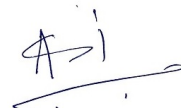
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1. Secretary, Department of Environment, Government of Andhra Pradesh, Hyderabad.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Green House Complex, Vijayawada – 520010
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. Chairman, Andhra Pradesh State Pollution Control Board, D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010
5. Member Secretary, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. Chief Wildlife Warden, Govt. of Andhra Pradesh, AranyaBhawan ,Saifabad, Hyderabad-500004
7. District Collector, Visakhapatnam District, Andhra Pradesh.
8. Guard File/Record File/Monitoring File.
9. MoEF&CC Website



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