

IACL/MK/2025/EC Comp./fertilizer-01

Date : 20-09-2025

To,

The inspector General of Forest/Scientist C,
Integrated Regional Office (IRO)
Ministry of Environment, Forest and Climate Change,
Karmayogi Bhavan, Block 3, F-2 wing, 5th Floor,
Near CH-3 Circle, Sector 10A, Gandhinagar – 382010.
E-mail : ecompliance-guj@gov.in, iro.gandhinagar-mefcc@gov.in

Sub. : 1st half yearly compliance report of Environmental Clearance for the period of October 2024 to March 2025 of Indoasia Copper Limited, Amreli, Gujarat.

Ref. : Environment Clearance Identification No. EC24A1901GJ5674617N dated 04-11-2024

Dear Sir ,

This has reference to the above subject matter, in this connection, 1st Half yearly Environmental Clearance (EC) compliance status report of M/s. Indoasia Copper Limited is being duly uploaded on the Parivesh Portal.

Environmental Clearance is granted for the Greenfield Integrated Copper plant 10 LTPA and Fertilizer plant 16.5 LTPA vide EC Identification no. **EC24A1901GJ5674617N** dated **04-11-2024**.

A soft copy of the same is being submitted through soft copy (e-mail communication). Please acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

For Indo Asia Copper Limited

Manish Kiri
- Chairman & Managing Director

Copy to :

1. The Director(IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003.
2. The Zonal Officer, Regional Office, CPCB-Western Region, Parivesh Bhawan, Opp. VMC Ward office No. 10, Subhanpura, Vadodara – 390023.
3. The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhinagar – 382010.
4. The Director, Forests & Environment Department, Block – 14, 8th Floor, Sachivalaya, Gandhinagar – 3382010.
5. The Regional Officer, Regional Office GPCB, Swastik Complex, First Floor, Plot No. 1616/1617, Near Vir Mokhdaji Circle, Ghogha Road, Bhavnagar-364001.

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	IA/GJ/IND3/482191/2024
Compliance ID	128050989
Compliance Number(For Tracking)	EC/COMPLIANCE/128050989/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	27-09-2025
RO/SRO Name	Dr G Trinadh Kumar
RO/SRO Email	agmu174.ifs@nic.in
State	GUJARAT
RO/SRO Office Address	Integrated Regional Offices, Gandhi Nagar

Note:- SMS and E-Mail has been sent to Dr G Trinadh Kumar, GUJARAT with Notification to Project Proponent.

Half yearly compliance report for environment clearance for the project Greenfield Integrated Copper Plant of 10 LTPA with Fertilizer Plant of 16.5 LTPA by M/s Indo Asia Copper Limited, located at Village Lunsapur, Amreli district, Gujarat

(i) EC Identification No.	EC24A1901GJ5674617N
(ii) File No.	IA-J-11011/329/2023-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(a) Chemical fertilizers
(vi) Sector	Industrial Projects – 3
(vii) Name of Project	Greenfield Integrated Copper plant 10 LTPA and Fertilizer plant 16.5 LTPA
(viii) Name of Company/Organization	INDO ASIA COPPER LIMITED
(ix) Location of Project (District, State)	AMRELI, GUJARAT
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

Specific EC Conditions for (Chemical fertilizers)

1. Specific

Sr. No.	Condition	Compliance as on 31-03-2025
1.1	Double Contact Double Absorption (DCDA) technology shall be used for manufacturing of Sulfuric acid plants as per CPCB guidelines. SO ₂ enriched gas stream shall be passed through a gas cleaning system comprising scrubbers and ESP to remove the impurities i.e. dust, arsenic, mercury etc. As proposed, FGD and Tail Gas Scrubber (TGS) shall be provided additionally for cleaning of process gases and mists before they are released into the atmosphere through the stack.	Project is in design stage. Will be adhered to the condition
1.2	Cyclone separators, Low NO _x burner, Scrubbers, Acid mist eliminator, Dust extraction system shall be provided to Fertilizer plant (with Phosphoric acid plant) to control emissions viz Dusts, SO ₂ , NO _x , NH ₃ , F, Acid mist etc. ESP and low NO _x burner shall be provided to waste heat recovery boilers to control emission viz. Dusts, SO ₂ & NO _x etc.	Project is in design stage. Will be adhered to the condition
1.3	Adequate stack height along with Cyclone separator with Multi Stage venturi scrubber shall be provided to DAP plant, NPK Plant and Granulated Phospho Gypsum plant and Glass Fibre Reinforced PG Panel (GFRG Plant) to	Project is in design stage. Will be adhered to the condition

Sr. No.	Condition	Compliance as on 31-03-2025
	control particulate emissions and process emissions viz. HF and NH ₃ .	
1.4	Total fresh water requirement for fertilizer plant from Gujarat Water Supply & Sewerage Board (GWSSB) / Gujarat Water Infrastructure Ltd. (GWIL) shall not exceed 10733 KLD	Necessary permission from the statutory authorities will be obtained before starting operational activities.
1.5	NOC from the concerned Authorities shall be obtained before the start of the construction of the plant for drawing of water for the project activities. State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	All the necessary permissions will be obtained before starting production activities.
1.6	As proposed, no industrial effluent shall be generated from the proposed fertilizer plant as effluent shall be recycled/reused in the closed loop. Total sewage generated from the integrated unit will be 400 KLD, which shall be treated in the STP. Treated sewage shall be recycled for horticulture purposes within the plant premises. No effluent/treated water shall be discharged outside the plant premises. This unit shall maintain Zero Liquid Discharge (ZLD).	Project is in design stage. Will be adhered to the condition
1.7	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. For online continuous monitoring of effluent, the unit shall install web cameras with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Project is in design stage. Will be adhered to the condition during operation stage
1.8	Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plans for mitigation measures shall be properly implemented based on the safety and risk assessment studies.	Project is in design stage. Will be adhered to the condition during operation stage
1.9	The PP shall develop a greenbelt of at least 10 - 15 m width over an area of 53.7 ha of total area) within the project site mainly along the plant periphery, preferably within a year of the grant of EC. Tree saplings selected for	Will be adhered to the condition

Sr. No.	Condition	Compliance as on 31-03-2025
	the plantation should be of sufficient height, preferably 6-ft shall be planted in greenbelt area. The budget earmarked for the plantation shall be kept in a separate account and should be audited annually. The PP shall annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	
1.10	Plantation of saplings shall be carried out as a part of tree plantation campaign "EK PED MA ke NAAM" and details of the same to be uploaded in the MeriLiFE portal (https://merilife.nic.in) in respect to this Ministry's OM No. IA3-22/3/2024-IA.III(E-241594) dated 24th July 2024.	Will be adhered to the condition
1.11	A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions and shall also engage Environment Officials. In addition to this one safety & health officer as per the qualification given in Factories Act 1948 shall be engaged within a month of grant of EC. PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	A separate Environmental Cell at the project and company head quarter level already established since inception of the project. It is being led by well qualified senior officers who directly report to the Chief Operating Officer and Managing Director of the company.
1.12	The company shall 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, and risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP is 1302.05 Cr (Capital cost) and 21.8Cr per annum (Recurring cost) shall be kept in a separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs	Project is in design stage. Will be adhered to the condition

Sr. No.	Condition	Compliance as on 31-03-2025
	(before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	
1.13	The rainwater collection system shall be provided at the project site with the rain water collection pond having capacity of 172900 m3.	Project is in design stage. Will be adhered to the condition
1.14	Monitoring of the compliance of EC conditions shall be submitted with a third party audit every year.	Will be adhered to the condition
1.15	As proposed, an amount of 95 Crore shall be allocated towards CER.	Will be adhered to the condition
1.16	No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.	Will be adhered to the condition
1.17	Gypsum Pond and yard along with Storage, disposal, usage shall be designed as per CPCB guidelines. Gypsum Pond base and yard shall be provided with HDP liner and having facility to collect leachate and its treatment facility. It shall be ensured that rain water shall not enter the said area and it should be provided with garland drain and collecting pit. Gypsum pond and yard shall be monitored at regular intervals and data be transferred to CPCB/SPCB/RO, MoEF&CC.	Will be adhered to the condition
1.18	Captive secure landfill site shall be designed as per CPCB guidelines. Baseline data for soil and ground water shall be provided to RO, MoEF&CC. Provision for leachate collection and treatment shall be provided. Environmental parameters shall be monitored on quarterly basis and submitted to CPCB/SPCB/ RO, MoeF&CC.	Project is in design stage. Will be adhered to the condition
1.19	The project proponent shall comply with the environment norms for 'Fertilizer Industry' as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 1607 (E), dated 29th December, 2017 under the provisions of the Environment (Protection) Rules, 1986.	Project is in design stage. Will be adhered to the condition
1.20	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	Project is in design stage. Will be adhered to the condition

Sr. No.	Condition	Compliance as on 31-03-2025
	report shall be submitted to the IRO, MoEF&CC in this regard.	
1.21	All the hazardous waste shall be managed and disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Hazardous waste such as Distillation Residue and Off Specification Products shall be either sent to common incineration sites or sent for coprocessing. Solid waste shall be segregated into dry and wet garbage at site in accordance with the Solid Waste Management Rules, 2016. Wet waste shall be converted into compost and used as manure for greenbelt development.	Project is in design stage. Will be adhered to the condition during operation stage
1.22	All necessary precautions shall be taken to avoid accidents and an 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. The occupier of new as well as expansion projects shall be required to comply with the provisions of the MSIHC Rules, 1989 including notifying their activities or seeking site approval from the concerned authorities, to address operational safety aspects. In doing so, various schedules, particularly Schedule-5 of the said rules may be referred. PP shall comply with the safety measures proposed for handling of styrene to prevent accidents and exposure.	Project is in design stage. Will be adhered to the condition during operation stage
1.23	The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.	Project is in design stage. Will be adhered to the condition during operation stage
1.24	The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	Project is in design stage. Will be adhered to the condition during operation stage
1.25	The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers	Project is in design stage. Will be adhered to the

Sr. No.	Condition	Compliance as on 31-03-2025
	& employees shall be provided with required safety kits/masks for personal protection.	condition during operation stage
1.26	The unit shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling. Fire-fighting system shall be as per the norms.	Project is in design stage. Will be adhered to the condition during operation stage
1.27	The solvent management shall be carried out as follows: (a) Reactor shall be connected to a chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be fireproof. The solvent storage tanks shall be provided with a breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Not Applicable
1.28	The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rainwater in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	Project is in design stage. Will be adhered to the condition during operation stage
1.29	The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through a vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.	Project is in design stage. Will be adhered to the condition during operation stage
1.30	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to the concerned authority.	Will be adhered to the condition

Sr. No.	Condition	Compliance as on 31-03-2025
1.31	The activities and the action plan proposed by the project proponent to address the issues raised during the public hearing as well as the related socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA report in letter and spirit.	Will be adhered to the condition

Standard EC Conditions for (Chemical fertilizers)

Sr. No.	EC Condition	Compliance
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Will be adhered to the condition
1.2	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	Will be adhered to the condition
1.3	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Will be adhered to the condition

Sr. No.	EC Condition	Compliance
1.4	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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Project is in design stage. Will be adhered to the condition during operation stage
1.5	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Will be adhered to the condition
1.6	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change 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.	Will be adhered to the condition
1.7	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied

Sr. No.	EC Condition	Compliance
1.8	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, 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.	We have uploaded Environmental Clearance (EC) orders at our company website. Please refer https://www.indoasiacopper.com/ESG.html. We will carry out monitoring of environmental parameters after starting operational activities as per conditions stipulated in the Environmental Clearance order and upload/submit monitoring results along with six monthly EC compliance report This compliance report will be uploaded on the website of MoEF and our company website to comply with this condition.
1.9	The environmental statement for each financial year ending 31st March in Form-V as 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 to the respective Integrated Regional Office of MoEF&CC by e-mail.	Will be adhered to the condition
1.10	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 and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance	Complied

Sr. No.	EC Condition	Compliance
	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.	
1.11	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.	Will be adhered to the condition
1.12	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted