

CHAMBAL FERTILISERS AND CHEMICALS LIMITED, GADEPAN

MOEF ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT [April-25 to September-25] [TECHNICAL AMMONIUM NITRATE PLANT]

Project Description

The project bearing the File No. J-11011/664/2008-IA for environmental clearance for the Expansion of Technical Ammonium Nitrate Project for Manufacturing of Technical Ammonium Nitrate (Production capacity– 770 MTPD), Weak Nitric Acid (Production capacity – 700 MTPD) and Concentrated Nitric Acid (Production capacity – 165 MTPD) within CFCL's Existing Premises located at P.O. Gadepan, District Kota, Rajasthan by M/s Chambal Fertilisers and Chemicals Limited (CFCL).

Status of Project

Board of Directors of the Company at its meeting held on 28th January 2022 had approved setting up a plant for manufacture of Technical Ammonium Nitrate ("Project") at its existing site at Gadepan, District Kota, Rajasthan. On 1st November 2022, the board further approved revised cost of project from INR 1170 Cr to INR 1645 Cr attributed to market price escalations.

L&T (Larsen & Toubro Ltd) has been selected as successful bidder by M/s Chambal Fertilisers and Chemicals Limited (CFCL) for executing Technical Ammonium Nitrate project on LSTK basis. The contract between CFCL and L&T has been signed off on 5th April 2023 which is now hereby declared as "Zero Date" for the said project. The targeted timeline for completion of this project shall be 33.5 months from the Zero date.

Currently as of 30th September 2025, all necessary licenses/approvals required to proceed for construction, like Consent to Establish (CTE), Industrial Licence (IL), PESO Construction approval, Factory Construction approval and DM-NOC have been duly received. Engineering of the TAN project has been completed. Further at site, Construction is in full swing. Civil foundations of major buildings & structures have been completed. Pipe racks erection completed. Equipment erection & Piping Work is in progress as per schedule. Overall progress of TAN Project is ~85%.

File No. J-11011/664/2008-IA. II(I) Date: 14/08/2024

| 1. Specific Conditions: | | |
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| Sr No. | Condition description | Status as on Date |
| 1.1 | 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. | Noted and shall be complied. All the environmental protection measures and safeguards have been considered at the plant design stage itself. The proposed plant is under construction and civil work is going on. |
| 1.2 | NOx Abatement system along with stack height 52 m shall be provided to Tail Gas Stack (in Weak Nitric Acid Plant); scrubber along with stack of 60 m height shall be provided Prilling Plant vent; Scrubber along with stack height of 35 m shall be provided to TAN Stack; scrubber along with stack height of 39 m shall be provided to Concentrated Nitric Acid. Stack height of 30 m shall be provided to DG set. | Noted and shall be complied. All the mentioned systems have been considered at the plant design stage itself. The proposed plant is under construction and major civil construction of foundations has been completed & pipe rack erection is in progress. |

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| 1.3 | Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by SPCB. | Noted and shall be complied. |
| 1.4 | Total freshwater requirement from Kalisindh River shall not exceed 55251 KLD. | Noted and shall be complied. |
| 1.5 | NOC from the Concerned Authority shall be obtained before start of the construction of plant for drawing of the Kalisindh River 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 necessary licenses and approvals required for construction, such as Consent to Establish (CTE), Industrial License (IL), PESO construction approval, Factory construction approval, and DM-NOC, have been duly received. Water drawl permission of 30 Cusec from river Kalisindh is already with CFCL. CTE for expansion of TAN (Installation of gas engine generator) valid up to 31.03.2030 CTE for expansion of Ammonia & Urea plant valid up to 30.04.2030. CTO application for additional ammonia storage tank submitted on 16.07.2025 CTO application for TAN plant submitted on 21.07.2025 |
| 1.6 | Total industrial effluent generation shall not exceed to 12746 KLD. Proposed TAN plant industrial effluent generation shall be 1441 KLD, out of which 1440 KLD wastewater shall be treated in new installed ZLD ETP unit and treated water shall be recycled as cooling water make-up. Remaining 1 KLD oily wastewater effluent generated mainly from rotary equipment's in proposed plant shall be collected and routed to oil separator in existing ETP for oil separation. 1292 KLD sewage shall be treated in the STP and treated sewage shall be used for horticulture purpose within the CFCL premises. Unit shall maintain ZLD during non-monsoon period. Treated effluent should be passed through holding tank and for effluents: Online pH, flow, Ammonical Nitrogen, Fluoride should be installed and monitored for the said parameters. | Noted and shall be complied. Industrial effluent (1440 KLD) will be treated in the ZLD plant, and the treated water will be recycled as cooling water make-up. Oily wastewater (1 KLD) will be treated in the existing ETP through an oil separator. Domestic effluent (1292 KLD) will be treated in the existing sewage treatment plants (03 units), and the treated water will be used for irrigation of the greenbelt. Industry shall install and maintain the continuous emission and effluent online monitoring system for monitoring of pollutants along with PTZ IP cameras as per CPCB guidelines to ensure Zero Liquid Discharge and ensure connectivity with the server of the State Board and Central Pollution Control Board. For existing Ammonia Urea Plant, the system has already been installed and connected. |
| 1.7 | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees. | Noted and will be complied with. Training shall be provided to all employees on safety and health aspects of handling chemicals. |
| 1.8 | "The green belt of at least 5 m-10m width shall be developed over an area of 136.5 ha with 2,53,845 nos. of tree mainly along the plant periphery and across the premises inside road. Besides target, industry shall also explore to plant trees outside the plant premises at common area or public places. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Selection of plant species shall be as per the CPCB guidelines in | Noted and will be complied with. An amendment to this condition EC has been issued vide EC Identification No. EC25A1903RJ5959224N dated 10/03/2025. At CFCL Gadepan, 136.5 hectares (34.1% of the total land area of the complex) are covered under the green belt, with 220,845 existing trees. In addition, CFCL has already planted 25,000 trees, and another 14,000 trees have been planted as of 31st March 2025, in compliance with the Environmental Clearance (EC) issued for the TAN Plants. M/s Hind Nursery and Farms, Noida, Gautam |

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| | <p>consultation with the State Forest Department and native species shall be developed. 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”.</p> | <p>Buddha Nagar, Uttar Pradesh, was engaged for the tree plantation work. Geo-tagging records of the plantation are maintained.</p> <p>CFCL is maintain more than 20 species of trees as part of the green belt, as per CPCB guidelines, in consultation with the State Forest Department. No invasive or alien or non-native tree species have been selected for plantation. The green belt is being properly maintained, and regular tree plantation is carried out. Entire periphery of the CFCL complex at least 5-10 m width is covered by green belt. CFCL has earmarked adequate funds to implement the conditions stipulated by the MoEF&CC.</p> <p>Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025.</p> |
| 1.9 | <p>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 by engaging 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. The 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 the previous year.</p> | <p>Complied with.</p> <p>A separate Environment Management Cell with suitably qualified personnel is already operational under the control of a Senior Executive who reports directly to the Head of the organization. A qualified and experienced safety and health officer has also been appointed for the upcoming TAN plant. Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025.</p> |
| 1.10 | <p>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 Rs. 21.0 Crores (Capital cost) and 1.54 Crores 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 (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 the previous year.</p> | <p>Noted and shall be complied.</p> <p>All the environmental protection measures and safeguards have been considered at the plant design stage itself. The proposed plant is under construction. Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025.</p> |
| 1.11 | <p>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 site or send for coprocessing. Solid waste shall be segregated into dry and wet garbage at site in accordance to the Solid Waste</p> | <p>Noted and shall be complied.</p> |

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| | Management Rules, 2016. Wet garbage shall be converted into compost and used as manure for greenbelt development. Fly ash shall be stored in silos and used for filling low lying area after prior approval of GPCB or sent for brick manufacturer or co-processing in cement industries. | |
| 1.12 | The PP 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. | Noted and shall be complied. |
| 1.13 | 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 29 th December, 2017 under the provisions of the Environment (Protection) Rules, 1986. | Noted and shall be complied. Plants are designed to maintain the emissions well within the prescribed norms. |
| 1.14 | All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The PP 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 MSHIC Rules, 1989 including notifying their activities or seeking site approval from the concerned authorities, to address operational safety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules may be referred. | Noted and shall be complied. All the applicable provisions of MSHIC rules are being followed. On-site DMP has been prepared. Mock Drills are being organized as per schedule. Windssocks at Appropriate locations have been provided to indicate the wind direction. An online Wind Monitor has been installed to know about the Wind speed, Wind direction, Ambient Temperature etc. for better assessment. |
| 1.15 | 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. | Noted and shall be complied with. |
| 1.16 | 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. | Noted and shall be complied with. |
| 1.17 | 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 & employees shall be provided with required safety kits/mask for personal protection. | The Occupational Health Centre has been established at the project site. Occupational health surveillance of workers is being carried out periodically as per the regulations. A well-defined system is in place for this purpose, and records are being maintained. |
| 1.18 | 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 plan for mitigation measures shall be properly | Noted and will be complied with. Training shall be given to all employees and workers on safety and health aspects for handling chemicals. Visual |

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| | implemented based on the safety and risk assessment studies. | reality training shall be the part of the training. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies. |
| 1.19 | The unit shall make the arrangement for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. | Noted and will be complied with. The fire water hydrant system for the TAN plant is being designed as per TAC guidelines. The firefighting system includes a pressurized fire hydrant network that will cover the entire plant. |
| 1.20 | 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. | Noted and will be complied with. CFCL has already implemented steps toward rainwater harvesting structures. The State Government has approved the construction of low-height dams at the Parwan and Kalisindh rivers. The construction of the low-height dam at Rajgarh on the Parwan River is completed. The construction of the low-height dam at Khan-ki-Jhopri on the Kalisindh River is also completed. Two rainwater harvesting recharge wells are operational in the township area to harvest runoff rainwater. |
| 1.21 | 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 vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation. | Noted and will be complied with. |
| 1.22 | There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. | Noted and will be complied with. |
| 1.23 | Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Chemicals shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment. | Noted and will be complied with. All the environmental protection measures and safeguards have been considered at the plant design stage itself. |
| 1.24 | 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 concerned authority. | Noted and being complied with. Awareness sessions on the ban of Single-Use Plastic (SUP) items are being conducted on a regular basis for people working at the site and in surrounding areas to ensure compliance with the notification published by the MoEFCC on 12th August 2021 (Refer attached Annexure). Single Use Plastic is completely banned inside the CFCL complex. |

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| 1.25 | 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 camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. | Noted and will be complied with. A continuous online (24x7) monitoring system shall be installed as per CPCB and RSPCB guidelines and shall be connected to the state board server and CPCB server. For existing units, the same has already been installed and connected. |
| 2. Standard EC Conditions for (Chemical fertilizers): | | |
| 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. | Noted and agreed. |
| 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. | Noted and will be complied with. |
| 1.3 | The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment. | Noted and will be complied with. The energy source for lighting purposes in the existing plant and township is LED-based, and the same will be implemented for the proposed new plant. |
| 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). | Noted and will be complied with. Plant machinery shall be designed to achieve minimum noise levels, ensuring compliance with ambient noise levels as prescribed under the Environment (Protection) Act, 1986, and Rules, 1989, i.e., 75 dBA (daytime) and 70 dBA (nighttime). |
| 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. | Noted and will be complied with. Chambal is committed to building a sustainable enterprise for the benefit of its present and future generations of stakeholders. The Company integrates and follows responsible practices into its business strategies and operations, to manage three challenges – economic prosperity, social development and environmental integrity. Towards this commitment, the company has undertaken various initiatives involving local villages & administration. For details, please refer Annexure |
| 1.6 | The company shall earmark sufficient funds towards capital cost and recurring cost per annum to | Noted and will be complied with. |

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| | 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. | CFCL has earmarked adequate funds to implement the conditions stipulated by the MoEF&CC and SPCB. These funds allocated for environmental management and pollution control measures will not be diverted for any other purpose. |
| 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 with. A copy of the EC letter has been sent to following offices: <ol style="list-style-type: none"> 1. The Block Development Officer, Sultanpur, Kota 2. Chief Executive Officer, Zila Parishad, Kota 3. The Sarpanch, Village Panchayat Gadepan 4. RO, RSPCB Kota 5. Deputy Director, MoEF&CC IRO Office Jaipur |
| 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. | Noted and is being complied with. The six-monthly EC Compliance report for the proposed project has been uploaded to the PARIVESH Portal. Monitoring results will be uploaded after the commissioning of the plant. EC compliance reports are also being submitted regularly, as per the schedule, to the MoEF&CC IRO Office in Jaipur, RSPCB in Jaipur, and CPCB in Bhopal. A copy of the Environmental Clearance and the six-monthly compliance status report has been posted on the CFCL website. |
| 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. | Noted and will be complied with. Form-V will be submitted to all concerned authorities after the commissioning of the plant and will be uploaded to the CFCL website. Six-monthly EC compliance reports are being submitted regularly, as per the defined schedule, to the MoEF&CC IRO Office in Jaipur. |
| 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 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 with. CFCL has informed public that our project has been accorded EC by MoEF&CC through the following two newspapers dated 18.08.2024: <ol style="list-style-type: none"> 1. Danik Bhaskar 2. The Times of India A Copy of the same has been forwarded to MoEF &CC IRO Office Jaipur vide our letter no. SM-EQC/TAN Project/99 dated 30.08.2024. |
| 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. | The date of financial closure and final approval of the project is 01.11.2022. The date of commencement of the project is 05.04.2023. The total cost of the project is Rs 1,645.89 Cr. This information was submitted to the MoEF&CC IRO Office in Jaipur via our letter no. SM-EQC/1A/39 dated 30.05.2023. |
| 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 and agreed |

CHAMBAL FERTILISERS AND CHEMICALS LIMITED, GADEPAN**MOEF ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT [April-25 to Sept-25]
[TECHNICAL AMMONIUM NITRATE PLANT]****File No. J-11011/664/2008-IA. II(I) Date: 24/12/2022**

| A. Specific Conditions: | | |
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| Sr No. | Condition description | Status as on Date |
| i | The PP shall develop Greenbelt over an area at least 136.5 ha by planting 145560 trees in within a year of grant of EC. The saplings selected for the plantation should be of sufficient height, preferably 6-ft. The budget earmarked for the plantation shall be ₹4.5 Crores and shall be kept in separate account and should be audited annually. PP should 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 | Amendment in this condition has been done vide EC identification no. EC24A1907RJ5193793N dated 14.08.2024. For Tree Plantation, please refer compliance details of Specific condition S.No. 1.8 of new EC. |
| ii | 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. PP shall engage General Manager- Senior Manager (Environment) – manager (Environment & QC)- Senior Officer- QC – Coordinator- Technical assistant- Technician. 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 | Complied with. A separate Environment Management Cell with suitably qualified personnel is already operational under the control of a Senior Executive who reports directly to the Head of the organization. A qualified and experienced safety and health officer has also been appointed for the upcoming TAN plant. Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025. |
| iii | 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 propose under EMP is ₹ 24.8 Crores (Capital cost) and ₹ 0.34 Crore per annum (Recurring cost) shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation | Noted and shall be complied. All the environmental protection measures and safeguards have been considered at the plant design stage itself. The proposed plant is under construction. Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025. |

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| | of activities proposed under EMP duly supported by photographs (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. | |
| iv | Total freshwater requirement of project after expansion will be 55251 KLD which will be sourced from Kalisindh River. The PP should ensure that water supply should not be above the permissible limit as mentioned in the letter and fresh water shall be withdrawal only after obtaining valid agreement from Concerned Authority. The PP should submit the details of utilization to the Integrated Regional Office (IRO), MoEF&CC before 1st July of every year for the activities carried out during the previous year. | Noted and shall be complied. Plants are designed to achieve water consumption below the permissible limit. Details of water utilization shall be submitted to all concerned after commissioning of the plant. Compliance report for the Year 2024-25 has been submitted to MoEF& CC Regional office Jaipur vide CFCL letter no. SM-EQC/1A/61 dated 19.06.2025. |
| v | 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. | Noted and shall be complied. No banned raw materials shall be used in the unit. The CFCL shall adhere to the notifications/guidelines of the Government in this regard. |
| vi | 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. | Noted and shall be complied. |
| vii | 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 29.12.2017 under the provisions of the Environment (Protection) Rules, 1986. | Noted and shall be complied. Plants are designed to maintain the emissions well within the prescribed norms. |
| viii | 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. | Noted and being complied. On-site DMP has been prepared. Mock Drills are being organized as per schedule. Windsocks at Appropriate locations have been provided to indicate the wind direction. Online Wind Monitor has been installed to know about the Wind speed, Wind direction, Ambient Temperature etc. for better assessment. |
| ix | 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 | Noted and shall be complied with. |
| x | The project proponent shall explore possibilities for recycling and reusing of treated water in the unit to reduce the freshwater demand and waste disposal. | Noted and shall be complied with. CFCL TAN project has been designed for Zero Liquid Discharge. |
| xi | As committed by PP, zero liquid discharge shall be ensured. After proposed expansion, the increased domestic effluent (1272 KLD to 1292 KLD) which shall be treated in existing Sewage treatment plants and | Noted and shall be complied with. Increased domestic effluent quantity (20 KLD) will be treated in the existing Sewage treatment plants (03 nos) and treated water shall be used for irrigation of greenbelt. |

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| | further disposal into irrigation network with the CFCL premises. | |
| xii | 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 camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises | Noted and shall be complied with. Continuous online (24x7) monitoring system shall be installed as per CPCB & RSPCB guidelines and same shall connected to state board server and CPCB server. For existing units the same has been installed and connected. |
| xiii | 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. | Noted and shall be Complied. |
| xiv | 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 & employees shall be provided with required safety kits/mask for personal protection. | The Occupational Health Centre has been set up at the project site. Occupational health surveillance of the workers is being carried out periodically as per rules. For this, a well-defined system is in place and records are being maintained. |
| xv | 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 plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies. | Noted and shall be complied. Training shall be given to all employees on safety and health aspects for handling chemicals. |
| xvi | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. | Noted and shall be complied. The fire water hydrant system for TAN plant is being designed as per TAC guidelines. The firefighting system includes pressurized fire hydrant network and shall cover the entire plant. |
| xvii | The solvent management shall be carried out as follows: (a) Reactor shall be connected to 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 flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation | Not applicable to CFCL TAN Plant. |
| xviii | 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 | Noted and shall be complied. CFCL has already taken steps towards Rainwater harvesting structures. The State Government has approved construction of low height dams at river Parwan and river Kalisindh. Construction of Low-height Dam at |

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| | be allowed to mix with storm water. | Rajgarh on Parwan River is completed. Construction of Low Height Dam at Khan-ki-Jhopri on Kalisindh river is also completed. Two nos. Rainwater harvesting recharge wells are operational in the township area to harvest run off rainwater. |
| xix | 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 vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation | Noted and shall be complied. |
| xx | 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 | Noted and being complied. All the activities and the action plan proposed by the CFCL to address the issues raised during the public hearing dated 22.07.2022 as well as the related socio-economic issues in the study area have been completed as per the schedule. |
| B. General Conditions: | | |
| i | 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. | Noted and agreed. |
| ii | 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. | Noted and shall be complied. |
| iii | The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment. | Noted and shall be complied. The energy source for lighting purpose for existing plant and township is LED based and the same shall be implemented for the proposed new plant. |
| iv | 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). | Noted and shall be complied. Plant machinery shall be designed to achieve minimum noise level. This will confirm ambient noise levels as prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). |

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| v | 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. | Noted and shall be complied. As a part of company's commitment towards environment sustainability, company has undertaken various initiatives to focus on sustainable practice to conserve environment and building capacities of community members of selected 380 villages of Rajasthan, Punjab and Haryana. Through this initiative the company is contributing to maintain ecological balance and reducing carbon footprints in a long run. For details, please refer CSR report at Annexure-I |
| vi | 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. | Noted and shall be complied with. CFCL had earmarked adequate funds to implement the conditions stipulated by the MoEF&CC. and SPCB. In any case the funds so earmarked for environment management/ pollution control measures will not be diverted for any other purpose. |
| vii | 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 with. A copy of the EC letter has been sent to following offices: 1. The Block Development Officer, Sultanpur, Kota 2. Chief Executive Officer, Zila Parishad, Kota 3. The Sarpanch, Village Panchayat Gadepan 4. RO, RSPCB Kota 5. Deputy Director, MoEF&CC IRO Office Jaipur |
| viii | 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. | Noted and is being complied. Six monthly EC Compliance report of the proposed project has been uploaded to PARIVESH Portal. Monitoring results shall be uploaded after commissioning of the plant. EC compliance reports are also being submitted on regular basis as per schedule to MoEF &CC IRO Office Jaipur, RSPCB Jaipur and CPCB Bhopal. A copy of Environmental Clearance and six-monthly compliance status report has been posted on the CFCL website. |
| ix | 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. | Noted and shall be complied. Form-V shall be submitted to all concerned after commissioning of the plant and same shall be uploaded to CFCL wave site. Six monthly EC compliance reports are being submitted on a regular basis as per defined schedule to MoEF &CC IRO Office Jaipur. |
| x | 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 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 | Complied with. CFCL has informed public that our project has been accorded EC by MoEF&CC through following two news papers dated 30.12.2022 : 1. Danik Bhaskar 2. The Times of India Copy of the same has been forwarded to MoEF &CC IRO Office Jaipur vide our letter no. SM-EQC/TAN Project/216 dated 14.01.2023. |

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| | Regional Office of the Ministry. | |
| xi | 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. | Date of financial closure and final approval of the project is 01.11.2022. Date of start of the project is 05.04.2023. The total cost of the project is Rs 1645.89Cr. Information was submitted to MoEF &CC IRO Office Jaipur vide our letter no. SM-EQC/1A/39 dated 30.05.2023. |
| xii | 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 and agreed |
| 22 | The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory. | Noted and agreed |
| 23 | Concealing factual data or submission of 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 the Environment (Protection) Act, 1986. | Noted and agreed. |
| 24 | Any appeal against this environmental 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 and agreed. |
| 25 | The above conditions shall 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 and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter | Noted and agreed. |