

CHAMBAL FERTILISERS AND CHEMICALS LIMITED, GADEPAN

MOEF ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT [October-25 to March-26] TECHNICAL AMMONIUM NITRATE PLANT (TAN)

PART-I [DATA SHEET]

1.	Project type : River – valley / Mining Industry / Thermal / Nuclear / Others (specify)	:	Industry (Chemical Industry)
2.	Name of the Project.	:	Chambal Fertilisers and Chemicals Ltd., Gadepan (TAN Plant)
3.	Clearance letter (s)/OM No. date	:	<ul style="list-style-type: none"> ➤ File No. J-11011/664/2008-IA-II(I) dated 24/12/2022 TAN (TAN WNA, CAN) Project ➤ File No. J-11011/664/2008-IA-II(I) dated 14.08.2024 (Expansion of WNA in TAN project) ➤ J-11011/664/2008-IA-II(I) dated 10.03.2025 (Expansion of Ammonia, Urea, TAN, CNA Production, Captive Power Generation and HRSG within CFCL'S Existing Premises)
4.	<u>Locations</u> a) District (s) b) State (s) c) Latitudes	:	Kota Rajasthan 25° 8' North and 76° 11' East.
5.	<u>Address for Correspondence</u>	:	Ramesh Kada Factory Manager-TAN plant Chambal Fertilisers and Chemicals Ltd., Gadepan -325208, Dist.: Kota (Rajasthan)
6.	<u>Salient Features</u> a) Of the Project b) Of the environmental Management Plans.	:	Already submitted. --do--
7.	<u>Break-up of the Project area</u> Submergence-area (Forest-& Non - Forest).	:	-
8.	Break-up Project affected population, with enumeration dwelling unit only agricultural land only, both dwelling units and agricultural land and agricultural land and land-less laborers/ artisans. a) SC, ST / Adivasi b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey is carried out, give details and year of survey).	:	Phase-I, Phase-II , Revamp Project, Phase-III & TAN Project executed in the existing plant areas. Expansion of Ammonia, Urea, CNA Production, Captive Power Generation and HRSG will also executed in the existing plant areas. No additional land acquired for TAN plant
9.	<u>Financial Details</u> <ul style="list-style-type: none"> • Project cost as originally planned and subsequent revised estimates and the years of price reference. • Allocation made for environmental management 	:	<ul style="list-style-type: none"> • Rs 1645 Crores for TAN project * *TAN plant is under commissioning. <ul style="list-style-type: none"> • Rs. 22 Crores for (TAN project) Capital Cost

	plans, with item wise break-up.		
	<ul style="list-style-type: none"> Benefit cost ratio/internal rate return and the year of assessment Whether (a) includes the cost of environmental management as shown in (b) above Actual expenditure incurred on the project so far. 	<ul style="list-style-type: none"> - Yes Rs. 1256.44 Crores (TAN) up to 31.03.2026 TAN Plant (WNA & AN plant) is under commissioning. (165 MTPD CNA plant, 4 TPH Steam (HRSG), 4.5 MWH Captive Power projects have yet not started) 	
10.	<p>Actual expenditure incurred on the environmental management plans so far.</p> <p>Forest Land Requirement</p> <p>a) The Status of approval for diversion of forest land for non-forestry use.</p> <p>b) The status of compensation afforestation if any</p> <p>c) The status of clear felling.</p> <p>d) Comments on the viability and Sustainability of compensatory afforestation Programme in the light of actual field experience so far.</p>	<p>TAN Plant (WNA & AN plant) is under commissioning</p> <p>No additional land acquired for TAN plant</p> <p>-</p> <p>-</p> <p>-</p>	
11.	The status of clear felling in non-forest areas (such as submerged area of reservoir approach roads), if any, with quantitative information.	No additional land acquired for TAN plant	
12.	<p><u>Status of Construction</u></p> <p>a) Date of commencement (actual)</p> <p>b) Date of Completion.</p>	<p>05 April 2023 TAN (WNA & AN) Plant</p> <p>TAN (WNA & AN) plant is under commissioning.</p>	
13.	<p>Reasons for the delay, if the project is yet to start.</p> <p><u>Date of site visits.</u></p> <p>a) The dates on which the project was monitored by the regional officer on previous occasions, if any.</p> <p>b) Date of site visits for this monitoring report.</p>	<p>Not applicable.</p> <p>MoEF & CC Inspection:20.11.2025.</p> <p>NIL</p>	

1. Specific Conditions:		
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.	Complied with All environmental protection measures and safeguards were considered at the plant design stage and have already been implemented. The TAN plant is under commissioning.
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.	Complied with All environmental protection measures and safeguards were considered at the plant design stage and have already been implemented. The TAN plant is under commissioning.
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 with. The TAN plant is under commissioning.
1.4	Total freshwater requirement from Kalisindh River shall not exceed 55251 KLD.	Noted and shall be complied with.
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 issued for TAN plant on 04.02.2026 and valid up to 31.01.2031 The CTO application for the installation of the gas engine generator was submitted on 27 October 2025. The Hazardous Waste Authorization application for the TAN plant was submitted on 16 August 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	Noted and shall be complied with. The TAN plant is under commissioning. 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.

	passed through holding tank and for effluents: Online pH, flow, Ammonical Nitrogen, Fluoride should be installed and monitored for the said parameters.	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.	Complied with. Training on safety and health aspects related to chemical handling is being provided to all employees. This is an ongoing practice at CFCL.
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 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”.	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 39,000 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 Buddha Nagar, Uttar Pradesh, was engaged for the tree plantation work. Geo-tagging records of the plantation are maintained. 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. 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.
1.9	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.	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 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.

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>Complied with.</p> <p>All environmental protection measures and safeguards were considered at the plant design stage and have already been implemented.</p> <p>The TAN plant is under commissioning.</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>
1.11	<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 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.</p>	<p>Noted and shall be complied with.</p> <p>The TAN plant is under commissioning.</p>
1.12	<p>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.</p>	<p>Noted and shall be complied with.</p>
1.13	<p>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.</p>	<p>Noted and shall be complied with.</p> <p>Plants are designed to maintain the emissions well within the prescribed norms.</p> <p>The TAN plant is under commissioning.</p>
1.14	<p>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 MSIHC Rules, 1989 including notifying their activities or seeking site approval from</p>	<p>Noted and shall be complied.</p> <p>The TAN plant is under commissioning.</p> <p>All the applicable provisions of MSIHC 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.</p> <p>In compliance of Manufacture, Storage, and Import of</p>

	the concerned authorities, to address operational safety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules may be referred.	Hazardous Chemical Amendment Rules, 2000, Schedule-4, Schedule-7, Schedule-8 & Onsite Emergency plan have been prepared and submitted on 22.09.2025 to CIFB and RSPCB. TAN plant factory license issued on 15/04/2025 and shall remain in force till 31.03.2025
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. The TAN plant is under commissioning.
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. The TAN plant is under commissioning.
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 implemented based on the safety and risk assessment studies.	Complied with. Training on safety and health aspects related to chemical handling is being provided to all employees and workers. Virtual reality-based training is also included as part of the program. An action plan for mitigation measures is being effectively implemented based on 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.	Complied with. The fire water hydrant system for the TAN plant has been designed in accordance with TAC guidelines and includes a pressurized fire hydrant network covering the entire plant area.
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.	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	Noted and will be complied with. The TAN plant is under commissioning.

	wastewater generation.	
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.	Adequate space inside the complex earmarked for parking of vehicles for raw materials and finished products. No parking is allowed outside on public places.
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 environmental protection measures and safeguards were considered at the plant design stage and have already been implemented.
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.
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. The TAN plant is under commissioning. 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	Noted and will be complied with The TAN plant is under commissioning. In compliance of Manufacture, Storage, and Import of Hazardous Chemical Amendment Rules, 2000, Schedule-4, Schedule-7, Schedule-8 & Onsite Emergency plan have been prepared and submitted on 22.09.2025 to CIFB and RSPCB.

	Movement) Rules, 2016 and other rules notified under various Acts.	Application for Authorizations for Haz.Waste submitted wide application NO-406763 Dated 16.08.2026 to RSPCB.
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 TAN plant is under commissioning. 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. The TAN plant is under commissioning. Plant machinery has been 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. 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 attached Annexure.
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.	Complied with. 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: 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 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. The TAN plant is under commissioning. 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: 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 [October-25 to March-26]
[TECHNICAL AMMONIUM NITRATE PLANT]**

File No. J-11011/664/2008-IA. II(I) Date: 24/12/2022

A. Specific Conditions:		
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 Manger- 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 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 of activities proposed under EMP duly supported by photographs (before & after with geo location date & time) and other document as applicable to the	Complied with. All environmental protection measures and safeguards were considered at the plant design stage and have already been implemented. The TAN plant is under commissioning. 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.

	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. The TAN plant is under commissioning. 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. The TAN plant is under commissioning. 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 with.
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 with. Plants are designed to maintain the emissions well within the prescribed norms. The TAN plant is under commissioning.
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 shall be complied. The TAN plant is under commissioning. 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. In compliance of Manufacture, Storage, and Import of Hazardous Chemical Amendment Rules, 2000, Schedule-4, Schedule-7, Schedule-8 & Onsite Emergency plan have been prepared and submitted on 22.09.2025 to CIFB and RSPCB. TAN plant factory license issued on 15/04/2025 and shall remain in force till 31.03.2025
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. The TAN plant is under commissioning.
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. The TAN plant is under commissioning. 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 further disposal into irrigation network with the CFCL premises.	Noted and shall be complied with. The TAN plant is under commissioning. 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.
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. The TAN plant is under commissioning. 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 with. The TAN plant is under commissioning.
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 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.
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.	Complied with. Training on safety and health aspects related to chemical handling is being provided to all employees and workers. Virtual reality-based training is also included as part of the program. An action plan for mitigation measures is being effectively implemented based on safety and risk assessment studies.
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.	Complied with. The fire water hydrant system for the TAN plant has been designed in accordance with TAC guidelines and includes a pressurized fire hydrant network covering the entire plant area.
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	Complied with.

	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.	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.
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 will be complied with. The TAN plant is under commissioning.
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 will be complied with The TAN plant is under commissioning. In compliance of Manufacture, Storage, and Import of Hazardous Chemical Amendment Rules, 2000, Schedule-4, Schedule-7, Schedule-8 & Onsite Emergency plan have been prepared and submitted on 22.09.2025 to CIFB and RSPCB. Application for Authorizations for Haz.Waste submitted wide application NO-406763 Dated 16.08.2026 to RSPCB.
iii	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 TAN plant is under commissioning. 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.

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 will be complied with. The TAN plant is under commissioning. Plant machinery has been 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).
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. 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 attached Annexure.
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.	Complied with. 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.
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 with. The six-monthly EC Compliance report 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.
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 will be complied with. The TAN plant is under commissioning. 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.
x	The project proponent shall inform the public that the	Complied with.

	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.	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.
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.