ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Vice President (Works)
CHAMBAL FERTILISERS AND CHEMICALS LTD
Chambal Fertilisers and Chemicals Ltd.,P.O. Gadepan, District-Kota, Rajasthan-325208,Kota,Rajasthan-325208

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/RJ/IND3/405385/2022 dated 04 Nov 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22A016RJ155378**
2.	**File No.**	J-11011/664/2008-IA.II(I)
3.	**Project Type**	Expansion
4.	**Category**	A
5.	**Project/Activity including Schedule No.**	5(a) Chemical fertilizers
6.	**Name of Project**	Proposed Technical Ammonium Nitrate Project for Manufacturing of Technical Ammonium Nitrate, Weak Nitric Acid and Concentrated Nitric Acid within CFCL's Existing Premises
7.	**Name of Company/Organization**	CHAMBAL FERTILISERS AND CHEMICALS LTD
8.	**Location of Project**	Rajasthan
9.	**TOR Date**	N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 24/12/2022

(e-signed)
Mr. Motipalli Ramesh
Scientist E
IA - (Industrial Projects - 3 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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File No. J-11011/664/2008-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division
(Industry-3)
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Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi – 110003.

Date: 23rd December, 2022

To

M/s Chambal Fertilisers and Chemicals Ltd.,
Village Gadepan, District Kota,
Rajasthan-325208.
E-mail: upendra.singh@chambal.in

SUB.: Expansion of Technical Ammonium Nitrate Project for Manufacturing of Technical Ammonium Nitrate (Production capacity– 700 MTPD), Weak Nitric Acid (Production capacity – 600 MTPD) and Concentrated Nitric Acid (Production capacity – 150 MTPD) within CFCL's Existing Premises located at P.O. Gadepan, District Kota, Rajasthan by M/s Chambal Fertilizers and Chemicals Limited (CFCL) - Environmental Clearance

REF.: Your proposal No. IA/RJ/IND3/405385/2022, dated: 04th November 2022, on the above subject matter.

Sir/Madam,

1. The project bearing the proposal No. IA/RJ/IND3/405385/2022 is for environmental clearance for the Expansion of Technical Ammonium Nitrate Project for Manufacturing of Technical Ammonium Nitrate (Production capacity– 700 MTPD), Weak Nitric Acid (Production capacity – 600 MTPD) and Concentrated Nitric Acid (Production capacity – 150 MTPD) within CFCL's Existing Premises located at P.O. Gadepan, District Kota, Rajasthan by M/s Chambal Fertilizers and Chemicals Limited (CFCL).

2. The project/activity is covered under Category 'A' of item 5 (a), Chemical Fertilizers of Schedule of Environment Impact Assessment (EIA) Notification, 2006 (as amended) and requires appraisal at Centre by the EAC.

3. The PP submitted that Public Hearing for the proposed project has been conducted by the State Pollution Control Board at "Bharat Nirman Rajiv Gandhi Sewa Kendra' Gram Panchayat Gadepan, Panchayat Committee, Sultanpur, Tehsil Digod, Dist. Kota, Rajasthan on 22.07.2022 presided by the Additional District Magistrate, Kota. The main issues raised during the public hearing were related to Provision of Doctor Facility, CSR, Improvisation of Educational facilities in nearby areas, Enhancement of plantation etc. The PP applied for Environment Clearance on 4.11.2022 in Form-2 and submitted EIA/EMP Report and other documents. The PP in the Form-2 reported that it is an **Expansion EC case.** The proposal was placed in 42nd EAC Meeting held on 14th-15th November, 2022, wherein the PP and an accredited Consultant, M/s. EQMS India Pvt Ltd [Accreditation number NABET/EIA/1922/RA0197 Valid up to 23.11.2022], made a detailed presentation on the salient features of the project and informed the following:

4. The PP reported that the proposed land area is **400 ha** and no R& R is involved in the Project. The details of products are as follows:

S. No.	Product	Unit	As per EC granted	Proposed	After Expansion	Remark
1	Weak Nitric Acid (WNA)* as 100wt%	MTPD	0	600	600	**New Products**
2	Technical Ammonium Nitrate (TAN) as 100wt% (Melt / HDAN / LDAN) **	MTPD	0	700	700	
3	Concentrated Nitric Acid (CNA) as 100wt%	MTPD	0	150	150	
4	Ammonia	MTPD	6100	0	6100	**Existing Products-No Change**
5	Urea	MTPD	10800	0	10800	
6	Captive Power	MWH	55	0	55	
7	Steam (HRSG)	TPH	240	0	240	
8	Steam (Boiler)	TPH	320	0	320	

** Weak Nitric Acid (WNA) will be used as raw material for Ammonium Nitrate. Surplus if any will be sold as Weak Nitric Acid (WNA) and/or Concentrated Nitric Acid (CNA).*

*** Ammonium Nitrate (AN) solution will be Prilled to manufacture High-density Ammonium Nitrate (HDAN) and / or Low-density Ammonium Nitrate (LDAN) in quantities as per market demand. It may also be sold as Ammonium Nitrate (AN) Melt. Melt/HDAN/LDAN capacity will be 700 MTPD.*

5. The PP reported that there is no violation case as per the Notification No. S.O.804(E) dated 14.03.2017 and no direction is issued under E(P) Act/Air Act/Water Act.

6. The PP reported that Environment Clearance has been granted by MoEF&CC vide letter no. J- 11011/664/2008-IA II (I) dated 16.11.2021 for existing plant having Ammonia Plant (6100 MTPD), Urea Plant (10800 MTPD), Captive Power Plant (55 MW), Steam HRSG (240 TPH), Steam Boilers (320 TPH) and Offsite Facilities

7. The PP reported that there are no National Parks, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from site. There are some protected and reserved forests patches present within the study area. The nearest Protected Forest is located about 1.6 km east of the plant site. There are two rivers flowing in the study area namely Parwan River about 2.22 km in SE direction and Kali Sindh River about 2.40 km in east direction from plant site. The PP reported that Black Buck, Chinkara, Indian Peafowl, Great Indian Bustard, Crocodile and Python, Schedule-I species exist within 10 km study area of the project, for which conservation plan has been prepared for Rs. 20 Lakhs.

8. The PP reported that ambient air quality monitoring was carried out at eight (8) locations during 1st December 2021 to 28th February 2022 and the baseline data indicates the range

of concentration as: $PM_{2.5}$ (18 µg/m^3 to 48 µg/m^3), PM_{10} (52 µg/m^3 to 89 µg/m^3), SO_2 (6.1 µg/m^3 to 12.7 µg/m^3), NOx (10.2 µg/m^3- 30.3 µg/m^3) and CO (0.51 mg/m^3-0.91 mg/m^3). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after proposed project would be 3.0 µg/m^3, 1.2 µg/m^3, 8.8 µg/m^3 & 4.5 µg/m^3 for PM_{10}, $PM_{2.5}$, NOx & NH_3. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS). Noise - Ambient noise quality monitoring was done at eight (8) locations during study period. Noise level values ranged from 51.7 to 64.7 dB(A) during day and 41.8 to 58.3 dB(A) during night time.

9. Groundwater quality monitoring was done at eight (8) locations during the study period. pH levels ranged between 7.16 to 7.82. Total hardness was ranged from 170.5 to 569 mg/l. The Total Dissolved Solids (TDS) concentration recorded ranged between 602 to 1772 mg/l. Chlorides levels were ranged between 120-451mg/l. Sulphate levels were ranged between 36 –365 mg/l. Bacteriological studies reveal that no coliform bacterial are present in the samples. The heavy metal contents were observed to be in below detectable limits. All physical and general parameters were observed within the permissible limit as per IS10500:2012 (Second Revision). Surface water quality monitoring was done at six (6) locations during study period. pH levels ranged between 7.2 to 7.87. TDS levels were observed to be 272 to 356 mg/l. Total hardness levels ranged from 75.9 to 188 mg/l. The dissolved oxygen values were 4.8-6.5 mg/l. The chlorides levels were observed to be between 72 mg/l- 102 mg/l. The sulphates levels ranged from 18 to 23 mg/l. The Total Coliform levels were observed to be 210 to 1510 MPN/100 ml.

10. Soil quality monitoring was done at eight (8) locations during study period. As per the grain size distribution the percentage of Sand in all sampled soil was found varied from 55.8% to 65.2%, Silt varied from 13.3 to 20.1% and Clay from 20.9 % to 24.1% during winter season. The soil pH ranges were observed from 7.34 to 8.26. Available nitrogen content in the surface soils ranges between 228 kg/ha to 302 kg/ha. Available phosphorus content ranges between 13.2 kg/ha to 24.3 kg/ha. Available potassium content in these soils' ranges between 110 kg/ha to 162 kg/ha. Based on Nutrient Index Value for N, P & K, the soils of study area fall into "Medium FERTILITY STATUS".

11. Total freshwater requirement of project after expansion will be 55251 KLD which will be sourced from Kalisindh River. Total industrial effluent generation will increase from 11305 to 12746 KLD. Proposed TAN plant industrial effluent generation will be 1441 KLD, out of which 1440 KLD wastewater will be treated in new installed ZLD unit and recycled as cooling water make-up. Remaining 1 KLD oily wastewater generated mainly from rotary equipment in proposed plant will be collected and routed to oil separator in existing ETP for oil separation. Additionally, 20 KLD domestic effluent will be generated from proposed new plants. After proposed expansion, domestic effluent will increase from 1272 KLD to 1292 KLD which will be treated in existing Sewage treatment plants and further disposed into irrigation network within the CFCL premises.

12. Power requirement after expansion will be 60 MW and will be met from Captive power & State Grid supply. Electrical supply will be supplied from State Electricity Grid. Part supply may be from existing captive generation if required. Emergency power generator sets of 1.6 MW, 2.5 MW and 2.4 MW capacity are installed to keep the most essential equipment inline in the event of temporary power failure and to provide a safe shutdown of the plants in case of prolonged power failure. Additional, Emergency diesel generator (EDG) of 1.2 MW capacity shall be installed to meet power requirements of plants in emergencies like power failure etc.

13. **Details of Process Emissions Generation and Its Management:**

Details of Proposed Stacks

Particular	Stack Height (m)	Air Pollution Control System	Parameter & Limits as per RSPCB
Proposed			
Tail Gas Stack (in Weak Nitric Acid Plant)	50 (minimum)	NOx Abatement system	NOx < 400 mg/Nm^3
Prilling Plant vent	60 (minimum)	Scrubber	PM< 100 mg/Nm^3, NH_3< 150 mg/Nm^3
TAN Plant Stack/Scrubber	35 (minimum)	Scrubber	PM< 100 mg/Nm^3, NH_3< 150 mg/Nm^3
Concentrated Nitric Acid	30 (minimum)	Scrubber	NOx < 400 mg/Nm^3, NH_3
Emergency Diesel Generator (1.2 MW)	30 (minimum)	Non-continuous Emission	PM< 75 mg/Nm^3 NMHC< 100 mg/Nm^3 CO< 150 mg/Nm^3 NOx< 710 ppm
• *Vent stack height may increase during detailed engineering.* • *TAN Plant vent and prilling plan vent may be clubbed at detailed engineering stage, if required to achieve reduction in emissions.* • *DG set stack is non-continuous stack as will be operated for short duration only in emergency.*			

14. **Details of Solid waste/ Hazardous Waste Generation and its Management:**

S. No	Name of Waste	Source of Generation	Category	As per EC	Proposed / Additional	After Expansion	Disposal Method
1	Discarded containers, drums	Receipt, storage and handling of raw / packing materials	Sch-I/33.1	1000 nos. per year	500 nos. per year	1500 nos. per year	Authorized TSDF
2	Used/Spent Oil	Process / rotary machines / transformers	Sch-I/5.1	107 MTPA	20 MTPA	127 MTPA	Collection in drums, storage, transportation and sales to authorized recyclers

3	Spent Catalyst	Process	Sch-I/18.1	660 MTPA	0.1 MTPA	660.1 MTPA	Regeneration through Catalyst supplier / Recycle through authorized catalyst recycler
4	NOx abatement Spent Catalyst	Nitric Acid Plant	Sch-I/18.1	0	10 MT in 5 years	10 MT in 5 years	To authorized recyclers / authorized TSDF
5	Chemical sludge from wastewater treatment	Wastewater treatment schemes	Sch-I/35.3	17000 MTPA	900 MTPA	17900 MTPA	Chemical Sludge from wastewater treatment scheme is being disposed to cement plants for co-processing / authorized TSDF
6	Contaminated cotton waste or other cleaning materials	Maintenance and cleaning activities	Sch-I/33.2	12 MTPA	5 MTPA	17 TPA	Collection, storage and transportation to Common incinerator

15. The Budget earmarked towards the Environmental Management Plan (EMP) is ₹24.8 Crores (capital) and the Recurring Cost (operation and maintenance) will be about ₹0.34 Crore, Industry proposes to allocate ₹34 Lakh towards CER.

16. The PP reported that Industry has already developed greenbelt in an area of 136.5 ha i.e., about 34.1% of the total plot area of the CFCL Complex.

17. The PP proposed to set up an Environment Management Cell (EMC) by engaging Dy. General Manger- Senior Manager (Environment) – manager (Environment &QC)- Senior Officer- QC – Coordinator- Technical assistant- Technician for the functioning of EMC.

18. The PP submitted the Disaster and Onsite and Offsite Emergency Plans in the EIA report.

19. The estimated project cost is ₹1170 Crores. Total Employment Existing: 2568 No. (Permanent- 1020 no.; Temporary- 1548 no.) Proposed Addition: 150 No. (Permanent- 100 no. Temporary- 50 no.) After Expansion: 2718 No. (Permanent – 1120 no, Temporary- 1598).

20. **Deliberations by the EAC:**

The EAC, constituted under the provisions of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the

Project Proponent in desired format along with the EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

The EAC noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

The EAC inter-alia, deliberated on the plantation schedule, water balance, EMP cost Public Hearing activities and advised the PP to submit the following:

- Undertaking for planting additional trees.
- Data of the last one year of water discharged to Kalisindh river permitted during rainy season and quantity of water proposed to be discharged from the proposed TAN plant.
- Revised water balance for TAN plant.
- Revised EMP cost
- Public Hearing Activities/Commitments.

The PP submitted the above information/documents and the EAC found it to be satisfactory.

The EAC deliberated the Onsite and Offsite Emergency plan and various mitigation measures to be proposed during implementation of the project and advised the PP to implement the provisions of the Rules and guidelines issued under 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 EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

The EAC is of the view that recommendation of EAC and grant of environmental clearance by regulatory authority to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

21. Based on the proposal submitted by the PP and recommendations of the EAC (Industry-3 Sector), the Ministry of Environment, Forest and Climate Change hereby accords **Environmental Clearance for *"Expansion of Technical Ammonium Nitrate Project for Manufacturing of Technical Ammonium Nitrate (Production capacity– 700 MTPD), Weak***

Nitric Acid (Production capacity – 600 MTPD) and Concentrated Nitric Acid (Production capacity – 150 MTPD) within CFCL's Existing Premises located at P.O. Gadepan, District Kota, Rajasthan by M/s Chambal Fertilizers and Chemicals Limited (CFCL)" under the provisions of the EIA Notification 2006 and its subsequent amendments subject to the compliance of terms and conditions as under:-

A. Specific Conditions:

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.

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.

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 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.

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.

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.

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.

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.

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.

x. The project proponent shall explore possibilities for recycling and reusing of treated water in the unit to reduce the fresh water demand and waste disposal.

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.

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.

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.

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.

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.

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.

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.

xviii. The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rain water 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.

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.

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.

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.

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.

iii. The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.

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).

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.

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.

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.

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.

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.

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 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.

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.

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.

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.

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.

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.

This issues with approval of the Competent Authority.

(Dr. M. Ramesh)
Scientist 'E'

Copy to: -

1. The Deputy Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Jaipur, A-209&218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002, Rajasthan.
2. The Director cum Joint Secretary (Environment), Department of Environment and Climate Change, Room No. 8236, SSO Building. Government Secretariat Jaipur, Rajasthan - 302005.
3. The Member Secretary, Rajasthan State Pollution Control Board, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur, Rajasthan - 302004.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 32.
5. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001.
6. The District Collector, Kota District, Civil Lines, Nayapura, Kota, Rajasthan-324001.
7. Guard File/Monitoring File/PARIVESH

(Dr. M. Ramesh)
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