Rashtriya Chemicals and Fertilizers Limited
(Government of India Undertaking)

साथ बढ़ें समृद्धि की ओर

राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड
(भारत सरकार का उपक्रम)

पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.
REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.
वेबसाईट / Website : www.rcfltd.com • CIN No. : L24110MH1978GOI020185

RCF/Tr/ENV/AN Melt Enh/2026-27 27th October 2026

To,
Additional Principal Chief Conservator of Forests
Ministry of Environment, Forests & Climate Change
Regional Office (West Central Zone)
Ground Floor, East Wing,
"New Secretary Building" Civil lines,
Nagpur-440 001

Sub.: Submission of compliance report of "Expansion of Ammonium Nitrate Melt Plant from 1.4 LMT/Annum to 1.9 LMT/Annum" by M/s Rashtriya Chemicals & Fertilizers Ltd at Trombay Fertilizer Complex, Mumbai (Maharashtra)-

Ref.: MOEF & CC memorandum No. F. No. File No. IA-J-11011/240/2021-IA-II(I) dated 17th February 2022

Dear Sir,

With reference to your above mentioned letter we are sending compliance report of "Expansion of Ammonium Nitrate Melt Plant from 1.4 LMT/Annum to 1.9 LMT/Annum", R.C.F. Ltd. Trombay Unit, Chembur, for the period Apr-26 to Sep-26 for your kind perusal.

Thanking you,

Yours Sincerely,

Sanjeev Haralikar
Executive Director (Trombay)

Compliance Report on proposed project of "Expansion of Ammonium Nitrate Melt Plant from 1.4 LMT/Annum to 1.9 LMT/Annum located at Existing RCF Facility, Trombay, Maharashtra" at Rashtriya Chemicals and Fertilizers (RCF) Limited. Chembur. MOEF & CC memorandum No. F. No. File No. IA-J-11011/240/2021-IA-II(I) dated 17th February 2022

A. Conditions specified in point 15.0

S. N.	Conditions	Compliance Status
i)	The PP 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.	Compliance assured. All the environmental protection measures and safeguards proposed in the documents submitted to the Ministry have been complied. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project have been implemented.
ii)	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Not applicable. The enhancement in production of Ammonium Nitrate Melt does not involve any carbon emission.
iii)	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.	RCF Ltd. Trombay has its own Occupational Health Centre within the factory premises. Regular health check-ups of workers and records for the same are being maintained as per the Factories Act. All workers & employees have been provided with required safety kits/mask for personal protection.
iv)	The Effluent of 242.24 KLD quantity proposed to treat through ETP. 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.	Compliance assured. RCF meets part of its freshwater requirement through treated sewage water from its in-house Sewage Treatment Plant (STP). Further, a portion of the treated effluent is recycled and reused within the unit, thereby reducing freshwater consumption and effluent disposal requirements.

S. N.	Conditions	Compliance Status
v)	The unit shall make the arrangement for the prevention and protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms. Mock drill shall be conducted regularly.	AN Melt Plant, RCF Trombay is having arrangements for the prevention and protection of possible fire hazards during manufacturing process in material handling. RCF Trombay has its own full-fledged Fire Dept. and firefighting systems as per norms. Mock drills are being conducted regularly.
vi)	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.	Training is being imparted to all employees on safety and health aspects of chemicals handling along with Safety and visual reality training.
vii)	Total fresh water requirement, sourced from ground water, shall not exceed 470 m3/day. Prior permission in this regard shall be obtained from the concerned regulatory authority.	The water requirement is being fulfilled through water available from RCF's own Sewage Treatment Plant.
viii)	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.	RCF is implementing rainwater harvesting measures at Trombay Unit. The status of the proposed and completed activities is as follows: 1.Rainwater Holding Pond near R&D Agriculture Farm: Development of a rainwater holding pond for storage and reuse of harvested rainwater in the experimental agriculture farm is in progress and is targeted for completion by December 2026. 2.Rooftop Rainwater Harvesting – Priyadarshini Building: Development of a rooftop rainwater harvesting plan is in progress, with completion targeted by May 2027. 3.Rooftop Rainwater Harvesting – Administrative Building, Trombay Unit: The rooftop rainwater harvesting plan has been completed. 4.Develop rooftop rain water harvesting plan from administrative building, Trombay Unit for ground water – Out of two ground wall recharge wells one recharge well is completed & second will be completed by March 2027. RCF is committed to implementing rainwater harvesting measures and utilizing harvested rainwater to conserve water resources and reduce freshwater consumption. Storm water shall be kept separate from process effluent and other wastewater, in accordance with applicable requirements.

S. N.	Conditions	Compliance Status
i)	The 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 server. For ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (if applicable).	Not Applicable .
ix)	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 provided 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 valves to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Not applicable as no solvents are used in the manufacturing process. However, compliance assured for all the norms pertaining to general safety and electrical safety aspects.
x)	Process organic residue and spent carbon, if any, shall be sent to Cement or other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. There shall be commitment from the brick manufacturer to take the fly ash from the plant. The Unit is to be started after getting the commitment from the brick manufacturer / cement plant.	Not applicable.

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S. N.	Conditions	Compliance Status
xi)	The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of byproducts 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 vapour recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	a) Complied. b) No generation by-products in the process c) Tanker filling is with automatic metering. d) Manufacturing process is continuous process with close feed system. e) Process is under vacuum. Scrubbing system is provided. f) Complied.
xii)	The green belt of at least 5-10 m width shall be developed in at least 37% of the total project area, mainly along the plant periphery/ additional land as committed by the PP and mentioned in earlier CTO. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map. Trees have to be planted with spacing of 2m x 2m and the number of trees has to be increased accordingly. The plant species can be selected that will give better carbon sequestration. All trees must be planted within six months. PP shall also implement the green belt development as per earlier EC condition granted.	RCF has developed 5-10m width green belt along the plant periphery. As on 31/08/2026 the total green cover area is 120.18 ha out of total plot area 215 ha which is 55.90% (56 %). Also in RCF all ornamental and forest trees are planting on 2mX2m spacing. Therefore the total number of tree planted in factory area are 18627 nos. out of that most of the trees are native pollution tolerant species.
xiii)	The activities and the action plan proposed by the project proponent to address the socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit. All the commitments made shall be satisfactorily implemented.	No issues were raised during public hearing to address the socio-economic issues in the study area. However various activities are being undertaken by RCF for the improvement of socio-economic status in the study area through its CSR activities.

S. N.	Conditions	Compliance Status
xiv)	A separate Environmental Management Cell (having qualified person 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.	The RCF Trombay unit has Separate Environmental Management Cell comprising Chief Manager (Chem), Dy. Manager (Chem) and Sr. Environmental Engineer headed by Deputy General Manager. RCF Trombay unit is equipped with full-fledged Central Chemical Laboratory (NABL Certified) to carry out the Environmental Management and Monitoring functions.

B. General Conditions:

S. N.	Conditions	Compliance Status
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.	Before any expansion or modifications in plant, RCF Ltd. , Trombay unit will take necessary statutory permission from MoEFCC/SEIAA.
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.	All 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 are being complied.
iii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Complied

S. N.	Conditions	Compliance Status
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).	Being complied.
v)	The company shall undertake all relevant measures for improving the socioeconomic 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.	RCF is undertaking all measures for improving socio-economic conditions of the surrounding area. CSR activities are being undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures are being undertaken for 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.	Complied.

S. N.	Conditions	Compliance Status
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.	No suggestions/ representations, if any, were received from concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO 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.	Six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data is regularly submitted to Nagpur Office of MoEF&CC, the respective Zonal office of MPCB/CPCB through e-mail. A copy of Environmental Clearance and six monthly compliance status report is 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.	Being complied

S. N.	Conditions	Compliance Status
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.	Communicated in newspaper on 23.02.2022 (Nava shakti – Marathi newspaper, Free Press Journal – English newspaper). copy of the same has been forwarded to the MoEFCC Regional Office, Nagpur vide mail dt. 03.02.2022.
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.	Not applicable
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