

**Name of the Project:** Expansion of the fertilizer plant by setting up of a customized fertilizer plant (20 TPH NPK) at Urea Fertilizer Complex, Yara Fertilisers India Pvt. Ltd, (Formerly M/s Tata Chemicals Ltd) Babrala, Distt. Sambhal, Uttar Pradesh by M/s Yara Fertilisers India Pvt. Ltd. – Environmental Clearance reg.

**Project Code:** Mixed Fertilizer

**Clearance Letter No.:** F. No. J-11011/850/2008-IA-II (I) **Date:** 02 Feb 2009

**Period of Compliance Reports:** 01 Oct 2021 – 31 Mar 2022

**SPECIFIC CONDITIONS:**

|     | EC Conditions                                                                                                                                                                                                                                | Compliance Status as on 01 April 2022                                                                                                                                                                                                                                                                                                                 |
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| i   | The projects authorities shall treat the wastewater generated from all sources and recycle back in the process to maintain zero discharge condition. No utilities shall be developed for this project.                                       | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                                                                                                                                    |
| ii  | The project authority shall obtain prior permission for drawl of 37 KLD ground water from the Central Ground Water Authority/State Ground Water Board. A copy of permission shall be submitted to the Ministry's Regional Office at Lucknow. | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                                                                                                                                    |
| iii | The project authorities shall not manufacture the raw materials as this plant will be based on mixing process only.                                                                                                                          | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                                                                                                                                    |
| iv  | Multi stage scrubbing system shall be installed to control ammonia and Hydrochloric acid. The project authority shall install dust collection system in drier, fertilizer mixing and bagging plant to control particulate emissions.         | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                                                                                                                                    |
| v   | The company shall carry out air quality monitoring at vents / stacks and regular monitor the gaseous emissions along with particulate matter. The reports shall be submitted to the Ministry's Regional Office at Lucknow, CPCB and SPCB.    | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                                                                                                                                    |
| vi  | The ambient air quality shall be monitored at least at 3 locations, minimum one in down wind direction. The location of monitoring stations shall be selected in consultation with the State Pollution Control Board,                        | In existing Urea plant 05 Ambient air quality monitoring have been setup and in which 03 stations are located to 120° to each other as directed in earlier NOC conditions. Ambient air quality monitoring is being carried out twice per week & compliance reports are also being submitted to SPCB and MoEF&CC (IRO) on regular basis as stipulated. |
| vii | The company shall develop the green belt in 33% area, out of total area to mitigate the effect of fugitive emissions and noise as per the guidelines CPCB.                                                                                   | We have developed about 100-meter-wide green belt around the periphery of the complex. About 37.5 % area of total land inside the factory complex is under green cover which contains more than 3.0 Lakh trees.                                                                                                                                       |

Compliance Status report – Oct 2021 to Mar 2022

Yara Fertilisers India Pvt Ltd, Babrala (UP)

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| viii | The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industry.                                                                                                                                                                                      | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                         |
| ix   | Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.                                                                                                                                                                                                     | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                         |
| x    | Risk assessment shall be carried out and report shall be submitted to SPCB and CPCB and to the Ministry's Regional Office at Lucknow.                                                                                                                                                                                                                 | Risk assessment considering emergency conditions arising due to fertilizer plant operation has been done and submitted to the office of UPPCB, CPCB, and MoEF&CC (IRO) at Lucknow vide our letter dated 25.07.2011.                        |
| xi   | The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.                                                                                                                                                                                                                     | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                         |
| xii  | During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.                                                                                                                                                                              | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                         |
| xiii | The company shall comply with all the conditions mentioned in the environmental clearances issued vide letters no. J-11011/4/88-IA-II dated 16th June 1989, J-11011/28/94-IA-II (I) dated 16th May, 1996 and J-11011/112/2007-IA-II (I) dated 1st August, 2007.                                                                                       | All compliances of conditions laid in all clearances issued vide letters no. J-11011/4/88-IA-II dated 16th June 1989, J-11011/28/94-IA-II(I) dated 16th May, 1996 and J-11011/112/2007-IA-II(I) dated 1st August, 2007 are being complied. |
| xiv  | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                                                         |



|      | <b>B GENERAL CONDITIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |
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| i    | The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.                                                                                                                                                                                                                                                                                                               | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| ii   | The gaseous emissions (SO <sub>2</sub> , HCl, NO <sub>x</sub> , NH <sub>3</sub> , fertilizer dust) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. Emission data shall be periodically monitored, and reports submitted to Ministry's Regional Office, CPCB and SPCB.                                                                   | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| iii  | All the waste waters generated from the various processes shall be recycled/reuse in the plant and zero discharge shall be maintained. The domestic wastewater shall be treated in septic tanks and treated waste shall be used for irrigation in the green belt.                                                                                                                                                                   | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| iv   | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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 to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| v    | At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.                                                                                                                                                            | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| vi   | The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.                                                                                                                                   | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| vii  | Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.                                                                                                                                                                                            | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |
| viii | All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N <sub>2</sub> blanketing & secondary condensers with brine chilling system shall be provided for all the storage tanks to minimize vapour losses. All liquid raw material shall be stored in storage Tanks and Drums.                                                                                                                | <b>During Oct-2021 to Mar-2022 plant under shut down.</b> |



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| ix   | The company shall undertake following Waste minimization measures.<br>> Metering and control of quantities of active ingredients to minimize waste.<br>> Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.<br>> Use of automated filling to minimize spillage.<br>> Use of "Closed Feed" system into batch reactors.<br>> Venting equipment through vapour recovery system.<br>> Use of high-pressure hoses for equipment cleaning to reduce wastewater generation. | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |
| x    | Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.                                                                                                                                                                                                                                                                             | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |
| xi   | The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.                                                                                                             | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |
| xii  | 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).                                                                                                                           | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |
| xiii | The company shall develop rainwater harvesting structures to harvest the runoff water for recharge of ground water.                                                                                                                                                                                                                                                                                                                                                                                                         | Rainwater harvesting system has been developed for collection of rainwater and its further reuse in green belt irrigation.            |
| xiv  | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.                                                                                                                                                                                                                                        | We agree. The various community development measures have already been done for local community of surrounding areas of project site. |
| xv   | The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.                                                                                                                                                                                                                                                                                                                                                                                       | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |
| xvi  | A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.                                                                                                                                                                                                                                                                                                                                               | During Oct-2021 to Mar-2022 plant under shut down.                                                                                    |



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| xvii  | The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.                                                                                                                                                                                                                                                                                                                       | During Oct-2021 to Mar-2022 plant under shut down.                                                                                                                                                           |
| xviii | The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six-monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.                                                                                                                                                                                                                                                                                                                                                      | A six-monthly compliance status report is regularly being submitted to RO-MoEF&CC Lucknow and same is being updated on the website of the Company.<br><br>During Oct-2021 to Mar-2022 plant under shut down. |
| xix   | 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 and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . 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. | Already completed.                                                                                                                                                                                           |
| xx    | 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.                                                                                                                                                                                                                                                                                                                                                                                                                             | Project was declared commissioned on 09 Nov 2010 and financial closure was done on 20 June 2011.                                                                                                             |
| xxi   | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | We agree                                                                                                                                                                                                     |
| xxii  | The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | We agree                                                                                                                                                                                                     |
| xxiii | Any appeal against this environmental clearance shall lie with the National environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.                                                                                                                                                                                                                                                                                                                                                                                                   | We agree                                                                                                                                                                                                     |
| xxiv  | The above conditions will be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act,1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.                                                                                                                                                                                                                                                                            | We agree<br><br>                                                                                                        |