



## Knowledge grows

YFI/FW/EMC/BAB/COM/93/2024

Date: 14 Oct 2024

To,  
**Deputy Director General of Forests (C),**  
Ministry of Env., Forest and Climate Change,  
Integrated Regional Office,  
Kendriya Bhawan,  
5th Floor, Sector "H", Aliganj,  
**Lucknow - 226020**

**Sub:** **1a.** Compliance of Environmental Clearance Conditions of M/s Yara Fertilizer India Pvt Ltd Project at Babrala Environment Clearance - letter No J-11011/4/80-IA II (I) dated 16.06.1989  
**1b.** Compliance of Environmental Clearance Conditions of Fertilizer Plant at Babrala, by M/s Yara Fertilisers India Pvt Ltd. - Environmental Clearance regarding use of Naphtha - Letter No J-11011/28/1994-IA II (I) dated 16 May 1996  
**1c.** Compliance of Environmental Clearance Conditions of Expansion of Fertilizer Plant by De-bottlenecking (Urea 3000 MTPD to 3500 MTPD & Ammonia 1750 MTPD to 2000 MTPD) at Babrala, by M/s Yara Fertilisers India Pvt Ltd. - Environmental Clearance - Letter No. : J-11011/112/2007-IA II (I) dated 01 August 2007

**Dear Sir,**

This has reference to environmental clearance letter no. J-11011/4/80-IA II (I) dated 16.06.1989, J-11011/28/1994-IA II (I) dated 16 May 1996, J-11011/112/2007-IA II (I) dated 01 August 2007, where six monthly compliance status report is required to be submitted for the stipulated environmental clearance conditions.

Herewith please find enclosed point wise half yearly EC condition compliance status reports for the period Apr to Sep -2024 for Environment Clearance letters issued time to time for our fertilizer plant. The soft copies are also being sent through email at [roc2.lko-mef@nic.in](mailto:roc2.lko-mef@nic.in).

For any updates in e-mail ID's and contact person kindly let us know.

If any further information / clarification is required, kindly let us know.

Thanking You

Yours Sincerely,

For **YARA FERTILISERS INDIA PVT LTD,**

**Saurabh Mathur**  
**(General Manager - Technical Services and Sustainability)**

Encl: a/a

**CC To:**

The Regional Director-CPCB Lucknow-UP  
The Member Secretary-UPPCB Lucknow-UP  
The Regional Officer- UPPCB, Moradabad-UP

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### Yara Fertilisers India Private Limited

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Dhole Patil Road, Sangamwadi,  
Pune - 411001

**CIN :**  
U51490PN2011FTCI39239 /  
2011-2012

**Name of the Project:** Yara Fertilisers India Pvt Ltd, (Formerly M/s Tata Chemicals Ltd) Fertilizer Plant at Babrala, Sambhal, UP, Environmental Clearance

**Project code:** UP-1-22-1989 (Chemical fertilizer)

**Clearance Letter No.:** J-11011/4/80-IA II (I) dated 16.06.1989

**Period of Compliance Reports:** 01 Apr 2024 – 30 Sep 2024

**Specific / General Condition:**

S. No.	Conditions	Compliance Status as on 01 Oct 2024
1	The project authority must strictly adhere to the stipulation made by Uttar Pradesh State Pollution Control Board	Industry is complying all the stipulations of UPPCB. Consent orders for Air & Water has been renewed by UPPCB and valid up to Dec-2026. Monthly and Quarterly compliance reports are regularly being submitted to Board.
2	The emissions from various process unit must conform to the standards prescribed by the Government or the Central/State Pollution Control Board. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure or any pollution control system adopted by the unit, the respective unit should be put out of operation immediately and should not be restarted until the control systems are rectified to achieve the desired efficiency.	<p>All flue gas emissions from process stacks are monitored on a weekly basis and conform to the stipulated standards laid down by UPPCB / CPCB. All compliance reports are submitted to UPPCB and MoEF&amp;CC (RO) regularly.</p> <p>In CPP Stacks, HRSGU 1 and HRSGU 2- SOx- &lt;5.0 mg/Nm<sup>3</sup>, NOx- 99.8 to 172.5 (Avg. 134.6) mg/Nm<sup>3</sup>, SPM- &lt;5.0 mg/Nm<sup>3</sup>, Service Boiler- SOx- &lt;5.0 mg/Nm<sup>3</sup>, NOx- 26.6 to 62.1 (Avg. 43.8) mg/Nm<sup>3</sup>, SPM- &lt;5.0 mg/Nm<sup>3</sup>. The service Boiler is not being operated continuously. <i>The emission of Both stacks is normalized at 15% excess oxygen as stipulated in the standard.</i></p> <p>In Ammonia Plant Stacks (Primary Reformer), SOx - &lt;5.0 mg/Nm<sup>3</sup>, NOx- 104.8 to 215.7 (Avg. 162.0) mg/Nm<sup>3</sup>, SPM - &lt;5.0 mg/Nm<sup>3</sup> (Fire Heater) SOx- &lt;5.0 mg/Nm<sup>3</sup>, NOx- 32.1 to 86.2 (Avg. 60.2) mg/Nm<sup>3</sup>, SPM-&lt;5.0 mg/Nm<sup>3</sup>. <i>The emission of Both stacks is normalized at 3% excess oxygen as stipulated in the standard.</i></p>
3	The project authority must conform to the standards prescribed for Urea dust emissions from Urea Prilling Tower by the Central/State Pollution Control Board	<p>Prilling tower emission monitoring is being carried out on a weekly basis as per CPCB emission guidelines &amp; quality conforms to the CPCB standard (50 mg/nm<sup>3</sup>).</p> <p>In Urea Plant Stack (Prilling Tower), SPM (as Urea Dust) – 44.5 to 47.2 (Avg. 45.6) mg/Nm<sup>3</sup> during the reporting period.</p>



4	<p>The project authority must explore the possibility of recycling the wastewater to the maximum extent possible. The liquid effluent coming out of the fertilizer complex should strictly conform to the standards prescribed by the State Government or Central Pollution Control Board before its discharge to the perennial rivulet. The process plant effluent should be discharged through pipelines/covered drains.</p>	<p>All process condensates from ammonia, urea &amp; steam are recycled (about 79.0 %) as boiler feed water and balance wastewater after suitable treatment is used for irrigation of green belt.</p> <p>The site ensures that no treated effluent is being discharged outside the premises.</p> <p>The site also utilizes entire treated effluent from the Sewage Treatment Plant as cooling tower makeup.</p> <p>The site also implemented rooftop water and stormwater harvesting for the utilization of rainwater as cooling tower makeup thus reducing the equivalent amount of freshwater consumption.</p> <p>Consent for discharge of treated effluent for green belt irrigation within the premises has been taken from UPPCB and is valid till 31 Dec 2026.</p>
5	<p>The project authority must prepare a well-designed scheme for solid waste disposal generated during various process operations or in the treatment plant. The plan for disposal should be submitted to this Ministry within a period of 03 months for review.</p>	<p>A shaded LDPE-lined concrete pit has been provided for the storage of spent catalysts generated from the process &amp; is sold to the authorized recyclers &amp; re-processors.</p> <p>Other hazardous waste generated in the process is sent to approved TSDF for proper disposal.</p>
6	<p>The project authority must keep Ammonia storage to the minimum in a well-designed and well protected Horton-sphere / Storage tank which should conform to the stipulations made by Chief Inspector of Factories of the State Government. At no time the Ammonia Storage quantity shall exceed more than seven days requirement.</p>	<p>The site has installed two well-designed &amp; well-protected Ammonia Storage tanks for the storage of ammonia.</p> <p>It is ensured that ammonia storage quantity does not exceed more than five days requirement at any time.</p>
7	<p>No change in design of stacks should be made without the prior approval of State Pollution Control Board. Alternate Pollution Control System and proper design (steam injection system) in the stacks should be provided to minimize the excess emissions due to failure in any system in the plant.</p> <p>The project authority will provide proper control system for abnormal emissions during start up or shut down operations.</p>	<p>We ensure that no change in the design of stacks shall be made without prior approval of the state Pollution Control Board.</p> <p>A steam injection system has been provided in the main flare stack to minimize the emissions during the failure of any system in the plant during start-up or shut down operations.</p>



8	<p>A minimum of five air quality monitoring stations will be set up at different locations within the plant and in the nearby areas. The air quality will be monitored as per standard procedure on a weekly interval basis. All the stacks of the plant will be provided with continuous automatic stack monitoring equipment and stack emission levels will be recorded and submitted to the State Pollution Control Board once in three months and this Ministry once in six months. The air quality monitoring stations should be selected on the basis of modeling exercise to represent the short terms ground level concentration.</p>	<p>The site has installed 05 Ambient air quality monitoring stations, out of which 03 stations are located 120° from each other as directed in NOC conditions. Ambient air quality monitoring is being carried out twice per week &amp; compliance reports are also being submitted to SPCB and MoEF&amp;CC (RO) regularly as stipulated.</p> <p><u>The ambient air quality stations</u> - SO<sub>x</sub> -&lt;5.0 to 23.0 (Avg. &lt;5.0) µg/Nm<sup>3</sup>, NO<sub>x</sub>- &lt;5.0 to 41.3 (Avg. -7.9) µg/Nm<sup>3</sup>, SPM – 9.7 to 344.9 (Avg. 104.2) µg/Nm<sup>3</sup>, RSPM- 4.9 to 1113 (Avg. 41.9) µg/Nm<sup>3</sup>, NH<sub>3</sub>– 11.0 to 202.8 (Avg. 41.5) µg/Nm<sup>3</sup> during reporting period. (High PM 10 &amp; PM 2.5 during the reporting period is not due to industrial operations or activities. High PM (10 &amp; 2.5) may be due to agricultural activities in surrounding villages &amp; dusty storms during the May and June months).</p>
9	<p>The liquid effluent quality must be measured on a daily basis. A minimum of five water quality monitoring stations must be set up in consultation with the State Pollution Control Board. If the effluent quality at any time, exceeds the standards prescribed, the corresponding units of the plant which are contributing to the excessive pollutant load quality of pollutants discharged from the unit are brought down to the required levels.</p>	<p>The final liquid effluent quality is being measured continuously and real-time data is being communicated to CPCB/UPPCB</p> <p>The site has set five water monitoring stations as stipulated, and the water sampling is done on a regular basis.</p>
10	<p>The ground water quality of this particular area will be measured at a few locations near the plant site and later once in month at the same points. The points should be selected in consultation with State/Central Ground Water Board. Data with regard to the ground water availability, its use for different purposes and recharge capacity should be complied and submitted to this Ministry within six months.</p>	<p>The site has installed 06 piezometric wells at different locations (Near Director Bungalow, near the Town center, near Weigh Bridge, Village House near old STP, Near Catalyst Pit, and Near Guard Pond) to monitor the level of groundwater as stipulated.</p> <p>Water samples are also being collected from piezometers and hand pumps in and around the fertilizer complex to assess the water quality. Groundwater quality and water level reports are being submitted to MoEF&amp;CC (RO), CPCB, and UPPCB periodically. In addition to this, 02 piezometers near Borewell F &amp; C have also been installed with DWLR.</p> <p>Ground Water Level from Apr to Sep - 2024 was in the range of 5.03 to 7.42 (Avg. 6.18) Mt.</p> <p>Average rain activities during the reporting period. Total rainfall during the (Apr to Sep 2024) was recorded 721.4 MM.</p>





11	A Disaster Management Plan duly approved by the NODAL agency should be submitted within a period of six months.	The revised Disaster Management plan has been approved by the Nodal Agency (Director of Factories, Kanpur).
12	An exclusion zone of four kilometres as notified by the Government of Uttar Pradesh under Section 3(3) of the Uttar Pradesh (Construction Works Regulations) Act, 1988 for stopping unsystematic distribution of land and unplanned construction of buildings must be strictly followed in consultation with U.P. Government.	Construction of the buildings and land distribution in the exclusion zone is under the control of District Authorities.  We are regularly communicating with the concerned authorities.
13	The project authority must develop a green belt of 100 meter wide in keeping with the design submitted in EIA report of December 1988.	The site has been allocated about 1,519 acres of land out of which an area of 1,284 acres is used for plant and integrated township and an area of 235 acres is being used for community development and demo farm activities.  The industry has developed a green belt approximately 100 meters wide around the periphery of the complex which is accounting around 37.5% of the land being used for the plant and integrated township.  This green cover includes over 450,000 large and medium-sized trees and more than 200,000 shrubs. Additionally, approximately 34,000 square meters of hedges and 610,000 square meters of lawns have been developed as part of the green belt, promoting biodiversity, and supporting the ecosystem.  In addition to this, the site developed afforestation of an area of about 7.4 acres using the Miyawaki plantation method, covering local species of trees, shrubs, creepers, and herbs (about 45500 plants).
14	The project authority must set up full-fledged laboratory with the required facilities for collection and analysis of samples.	The site has set up a full-fledged in-house laboratory with all required facilities and experienced people having accreditation with NABL.
15	The additional area under the control of the company which is not being used for plant utilities may be afforested and funds for this purpose should be suitably provided.	The additional area of 235 acres is being used for community development and demo farm activities.
16	A separate environmental management cell with suitably qualified people to carry out various functions related to environmental management should be set up under the control of a senior technical person who will directly report to the head of organization.	A dedicated Environment Management Cell headed by the Head of Technical Services & Sustainability has been established to ensure all applicable stipulated compliances.



17	Rehabilitation plan and its implementation schedule for the people displaced due to the proposed project will be submitted to this Ministry within three months for review.	Rehabilitation plan has already been submitted during implementation phased vide letter No. TCL/FD/EMC/53/99 dated 05 Jul 1999.
18	Adequate fund provision (capital and recurring expenditure) should be made for the implementation of above stipulations, and this should not be diverted for any other purposes.	An annual budget for capital investment & revenue expenditure is taken every year. This amount is utilized for the maintenance of the environmental pollution control systems.
19	The ministry of environment & Forest or any other competent authority may stipulate any further condition after reviewing the impact assessment report or any other report prepared by the project authorities.	Noted and we agreed.
20	The above condition will be enforced, inter-alia, under the Water (Prevention & Control of Pollution) Act 1971, The Air (Prevention & Control of Pollution) Act 1986.	Noted and we agreed
21	The ministry reserves the rights to vary the conditions or withdraw the clearance as and when necessary, in the interest of Environmental pollution.	Noted and we agreed



**Name of the Project:** Fertilizer Plant at Babrala, Sambhal, U. P. by M/s Yara Fertilisers India Pvt Ltd. (Formerly M/s Tata Chemicals Ltd) - Environmental Clearance regarding use of Naphtha

**Project code:** UP-1-22-1989 (Chemical Fertilizer)

**Clearance Letter No. :** J-11011/28/1994-IA II (I)

**Date:** 16 May 1996

**Period of Compliance Reports:** 01 Apr 2024 – 30 Sep 2024

S. No	EC Condition	Compliance Status as on 01 Oct 2024
i	No additional storage for ammonia should be created.	It is ensured that no additional storage of Ammonia will be created without prior approval.
ii	Necessary approvals from the Chief Explosive Director should be obtained for naphtha storage.	<p>There is adequate availability of Natural Gas, being used as raw material, hence presently the naphtha has not been used since 2007-08 and the industry has not procured and stored Naphtha in bulk storage tanks.</p> <p>The site had applied to surrender the license to the Chief Explosive Director, Nagpur for bulk storage of Naphtha and received approval for the cancellation of the aforesaid license letter from the Chief Explosive Director.</p> <p>However, we are using day tanks for storage of diesel only. For the same, approval has been obtained from the Chief Explosive Director, Nagpur till Dec 2024.</p>
iii	<p>Green belt area should be increased to at least 20% of land under possession in consultation with local DFO preferably using native plant species (2500 trees / hectare)</p> <p>A green belt development plan be accordingly prepared and submitted to this ministry covering information on existing plantation and area already covered under greenery.</p>	<p>The site has been allocated about 1,519 acres of land out of which an area of 1,284 acres is used for plant and integrated township and an area of 235 acres is being used for community development and demo farm activities.</p> <p>The industry has developed a green belt approximately 100 meters wide around the periphery of the complex which is accounting around 37.5% of the land being used for the plant and integrated township.</p> <p>This green cover includes over 450,000 large and medium-sized trees and more than 200,000 shrubs. Additionally, approximately 34,000 square meters of hedges and 610,000 square meters of lawns have been developed as part of the green belt, promoting biodiversity, and supporting the ecosystem.</p> <p>In addition to this, the site developed afforestation of an area of about 7.4 acres using the Miyawaki plantation method, covering local species of trees, shrubs, creepers, and herbs (about 45500 plants).</p>



**Name of the Project:** Expansion of Fertilizer Plant by De-bottlenecking (Urea 3,000 MTPD to 3,500 MTPD & Ammonia 1,750 MTPD to 2000 MTPD) at Babrala, Sambhal, U. P. by M/s Yara Fertilizers India Pvt. Ltd. – (Formerly M/s Tata Chemicals Ltd) Environmental Clearance regarding

**Project code:** UP-1-22-1989  
(Chemical Fertilizer)

**Clearance Letter No.:** J-11011/112/2007-IA II (I)

**Date:** 01 August 2007

**Period of Compliance Reports:** 01 Apr 2024 – 30 Sep 2024

**SPECIFIC CONDITIONS:**

	EC Conditions	Compliance Status as on 01 Oct 2024
i	The gaseous emissions (SO <sub>2</sub> , NO <sub>x</sub> , NH <sub>3</sub> , Urea dust) particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of the pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	<p>All flue gas emissions from process stacks are monitored on a weekly basis and conform to the stipulated standards laid down by UPPCB / CPCB. All compliance reports are submitted to UPPCB and MoEF&amp;CC (RO) regularly.</p> <p>In CPP Stacks, HRSGU 1 and HRSGU 2- SO<sub>x</sub>- &lt;5.0 mg/Nm<sup>3</sup>, NO<sub>x</sub>- 99.8 to 172.5 (Avg. 134.6) mg/Nm<sup>3</sup>, SPM- &lt;5.0 mg/Nm<sup>3</sup>, Service Boiler- SO<sub>x</sub>- &lt;5.0 mg/Nm<sup>3</sup>, NO<sub>x</sub>- 26.6 to 62.1 (Avg. 43.8) mg/Nm<sup>3</sup>, SPM- &lt;5.0 mg/Nm<sup>3</sup>. The service Boiler is not being operated continuously. <i>The emission of Both stacks is normalized at 15% excess oxygen as stipulated in the standard.</i></p> <p>In Ammonia Plant Stacks (Primary Reformer), SO<sub>x</sub> - &lt;5.0 mg/Nm<sup>3</sup>, NO<sub>x</sub>- 104.8 to 215.7 (Avg. 162.0) mg/Nm<sup>3</sup>, SPM - &lt;5.0 mg/Nm<sup>3</sup> (Fire Heater) SO<sub>x</sub>- &lt;5.0 mg/Nm<sup>3</sup>, NO<sub>x</sub>- 32.1 to 86.2 (Avg. 60.2) mg/Nm<sup>3</sup>, SPM-&lt;5.0 mg/Nm<sup>3</sup>. <i>The emission of Both stacks is normalized at 3% excess oxygen as stipulated in the standard.</i></p>
ii	<p>In urea plant, particulate emissions shall not exceed 50 mg/m<sup>3</sup>. Monitoring of the prilling tower shall be carried out as per the CPCB guidelines. Hydrocarbon monitors shall be installed. An acid fume blower shall be provided to control fugitive emissions.</p> <p>Stripper in Ammonia Plant, Distillation &amp; Urea Hydrolyser in Urea Plant shall always be kept functional to strip Ammonia and Urea.</p>	<p>Prilling tower emission monitoring is being carried out on a weekly basis as per CPCB emission guidelines &amp; quality conforms to the CPCB standard (50 mg/nm<sup>3</sup>).</p> <p>In Urea Plant Stack (Prilling Tower), SPM (as Urea Dust) – 44.5 to 47.2 (Avg. 45.6) mg/Nm<sup>3</sup> during the reporting period.</p> <p>Hydrocarbon monitors have been provided at key locations in the ammonia and O&amp;U plant. An acid fume blower has been provided in the Acid Handling &amp; Storage area to control fugitive emissions.</p> <p>The stripper of the ammonia plant, Distillation Tower &amp; Hydrolyser in Urea are functional.</p>





iii	<p>Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentrations are anticipated in consultation with the UPPCB and data submitted to the Ministry's Regional Office at Lucknow six monthly and UPPCB quarterly along with statistical analysis.</p>	<p>The site has installed 05 Ambient air quality monitoring stations, out of which 03 stations are located 120° from each other as directed in NOC conditions. Ambient air quality monitoring is being carried out twice per week &amp; compliance reports are also being submitted to SPCB and MoEF&amp;CC (RO) regularly as stipulated.</p> <p><u>The ambient air quality stations</u> - SO<sub>x</sub> - &lt;5.0 to 23.0 (Avg. &lt;5.0) µg/Nm<sup>3</sup>, NO<sub>x</sub> - &lt;5.0 to 41.3 (Avg. &lt;7.9) µg/Nm<sup>3</sup>, SPM - 9.7 to 344.9 (Avg. 104.2) µg/Nm<sup>3</sup>, RSPM - 4.9 to 1113 (Avg. 41.9) µg/Nm<sup>3</sup>, NH<sub>3</sub> - 11.0 to 202.8 (Avg. 41.5) µg/Nm<sup>3</sup> during reporting period. (High PM 10 &amp; PM 2.5 during the reporting period is not due to industrial operations or activities. High PM (10 &amp; 2.5) may be due to agricultural activities in surrounding villages &amp; dusty storms during the May and June months).</p>
iv	<p>Total ground water requirement after expansion shall not exceed 45,340 m<sup>3</sup>/day and prior permission from SGWB / CGWA for the drawl of 45,340 m<sup>3</sup>/day shall be obtained.</p> <p>Condensate in the Ammonia and urea plant shall be treated in the DM Plant and recycled in the process as boiler feed water. Further efforts shall be made to recycle and reuse all the treated effluent in the process or for green belt development. Prior permission for the discharge of treated liquid effluent, if any, shall be obtained from the U. P. Pollution Control Board. Otherwise, no effluent shall be discharged outside the premises except during the rainy season after meeting the norms prescribed under the E (P) Act, 1986 and UPPCB whichever are more stringent.</p>	<p>Ground Water NOC obtained from UP Ground Water Department and valid till 31-Aug-2026.</p> <p>All process condensates from ammonia, urea &amp; steam are recycled (about 79.0 %) as boiler feed water and balance wastewater after suitable treatment is used for irrigation of green belt.</p> <p>The site ensures that no treated effluent is being discharged outside the premises.</p> <p>The site also utilizes entire treated effluent from the Sewage Treatment Plant as cooling tower makeup.</p> <p>The site also implemented rooftop water and stormwater harvesting for the utilization of rainwater as cooling tower makeup thus reducing the equivalent amount of freshwater consumption.</p> <p>Consent for discharge of treated effluent for green belt irrigation within the premises has been taken from UPPCB and is valid till 31 Dec 2026.</p>
v	<p>Regular and periodical monitoring of quality and level of ground water by installing piezometric wells around the guard pond and spent catalyst disposal site shall be carried out and reports submitted to Ministry's Regional Office at Lucknow, CPCB and UPPCB.</p>	<p>The site has installed 06 piezometric wells at different locations (Near Director Bungalow, near the Town center, near Weigh Bridge, Village House near old STP, Near Catalyst Pit, and Near Guard Pond) to monitor the level of groundwater as stipulated.</p> <p>Water samples are also being collected from piezometers and hand pumps in and around the fertilizer complex to assess the water quality. Groundwater quality and water level reports are</p>



		<p>being submitted to MoEF&amp;CC (RO), CPCB, and UPPCB periodically.</p> <p>In addition to this, 02 piezometers near Borewell F &amp; C have also been installed with DWLR.</p> <p>Ground Water Level from Apr to Sep - 2024 was in the range of 5.03 to 7.42 (Avg. 6.18) Mt.</p> <p>Average rain activities during the reporting period. Total rainfall during the (Apr to Sep 2024) was recorded 721.4 MM.</p>
vi	Spent catalysts generated shall be properly stored in properly concreted LDPE lined disposal pit before selling to authorized recyclers / re-processors. Waste oil shall be sold to authorized recyclers / re-processors.	<p>A shaded LDPE-lined concrete pit has been provided for the storage of spent catalysts generated from the process &amp; is sold to the authorized recyclers &amp; re-processors.</p> <p>Used and discarded oil is stored in an oil storage area which is an LDPE lined concrete floor. All used and discarded oil and oily waste generated in the plant is being disposed of only through authorized recyclers / re-processors.</p>
vii	The company shall undertake adequate protection measures for handling of ammonia vapours in case of plant upset condition. Safety valve exhaust and drains shall be connected to a separate close header from which ammonia vapours shall be vented from vent stack after diluting with stream.	<p>Adequate measures have been provided to handle the ammonia vapors in case of emergency.</p> <p>There are PSVs installed in the process for handling the upset conditions and their outlet is connected to flare stacks and vent stacks accordingly.</p>
viii	The company shall implement all the recommendations made in the Charter on Corporate Responsibility for Environmental Protection (CREP) for fertilizer industries.	All CREP requirements about the fertilizer industry have been implemented and compliance reports is being submitted to the nodal agency periodically.
ix	The company shall develop rainwater harvesting structures to harvest the runoff water from the roof tops and by laying a separate storm water drainage system for recharge of ground water.	<p>The site has developed infrastructure for collecting the runoff water and rooftop rainwater.</p> <p>There is a separate stormwater drainage system to collect the catchment area water which is later used as cooling water makeup after due treatment.</p>
x	Green belt already developed in 28.7 % (144 ha, out of 502 ha.) shall be properly maintained and an effort shall be made to further increase the percentage by regularly planting trees at all the vacant spaces to achieve green belt in at least 33 % area to mitigate the effects of fugitive emissions all around the plant as per the Central Pollution Control Board guidelines. Density of trees at the site shall be maintained as 2,000-2,500 trees/ha.	<p>The site has been allocated about 1,519 acres of land out of which an area of 1,284 acres is used for plant and integrated township and an area of 235 acres is being used for community development and demo farm activities.</p> <p>The industry has developed a green belt approximately 100 meters wide around the periphery of the complex which is accounting around 37.5% of the land being used for the plant and integrated township.</p>



		<p>This green cover includes over 450,000 large and medium-sized trees and more than 200,000 shrubs. Additionally, approximately 34,000 square meters of hedges and 610,000 square meters of lawns have been developed as part of the green belt, promoting biodiversity, and supporting the ecosystem.</p> <p>In addition to this, the site developed afforestation of an area of about 7.4 acres using the Miyawaki plantation method, covering local species of trees, shrubs, creepers, and herbs (about 45500 plants).</p>
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**B: GENERAL CONDITIONS**

	EC Conditions	
1	The project authorities must strictly adhere to the stipulations made by the U.P. Pollution Control Board (UPPCB) and the State Government.	All stipulations made by UPPCB have been implemented and complied.  Compliance reports for the Air, Water, and Hazardous waste, etc. are being submitted regularly.
2	No further expansion/modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	It is ensured that without prior approval of the MoEF&CC, further expansion/modifications in the plant shall not be carried out.
3	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.	It is ensured to comply with the rules and regulations about handling and disposal of hazardous waste by the Hazardous and Other Waste (Management, Handling & Transboundary Movement) Rules, 2016.  All the hazardous waste generated in industry is being disposed- off through authorized TSDF.
4	The project proponent shall also comply with all the safeguards recommended in the EIA /EMP Report.	The project complies with all safeguards recommended in the EIA / EPA Report.
5	The project authorities will set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.	A dedicated Environment Management Cell headed by the Head of Technical Services & Sustainability has been established to ensure all applicable stipulated compliances.
6	As proposed in EIA/EMP, Rs. 150.00 Crores for de-bottlenecking and Rs. 0.80 Crores for recurring cost/annum for environmental pollution control measures shall be utilized judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and a time bound implementation schedule for all the conditions stipulated herein shall be submitted to the Regional Office of this Ministry at Lucknow. The funds so provided shall not be diverted for any other purposes.	The total capital expenditure (capex) incurred was Rs. 203.75 Crores for project de-bottlenecking and Rs. 10.80 Crores for energy-saving schemes, resulting in a total cost of Rs. 214.55 Crores.  An annual budget is allocated every year for capital investments and revenue expenditures, which is used for the maintenance of environmental pollution control systems.  In 2023, significant amounts were utilized for environmental pollution control measures, as follows:  Maintenance of pollution control systems: 0.98 Crores  Maintenance of Afforestation: 2.86 Crores  Plastic waste EPR: 1.08 Crores  Hazardous waste disposal: 0.22 Crores





7	The Regional Office of this Ministry at Lucknow / Central Pollution Control Board/ U. P. Pollution Control Board will monitor the stipulated conditions. A six-monthly compliance status report and the monitored data along with statistical interpretation shall be submitted to monitoring agencies regularly.	A six-monthly compliance status report and the monitored data along with statistical interpretation is regularly being submitted to monitoring agencies.
8	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 U. P. Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This should 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 Regional office at Lucknow.	Already completed.
9	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 commencing the land development work, if any.	All information has been submitted to MoEF&CC (RO) vide our letter no. TCL/FW/27/2009 dated 17 April 2009.
10	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and we agreed
11	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.	Noted and we agreed
12	The above conditions will 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 Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted and we agreed

