



हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर

HINDUSTAN URVARAK & RASAYAN LTD., GORAKHPUR

(A Joint Venture of NTPC, CIL, IOCL, FCIL & HFCL)

कार्यालय : प्रशासनिक भवन, एच.यू.आर.एल. कैम्पस, फर्टिलाइजर, गोरखपुर - 273007 उ.प्र. भारत, दूरभाष : 0551 - 2261177

Office : Administrative Building, HURL Campus, Fertilizer, Gorakhpur - 273007 (U.P) India Telefax : 0551- 261177

Ref. No.: HURL/GKP/25-26/ 2606

26th June 2025

Ministry of Environment, Forest & Climate Change
Integrated Regional Office, Lucknow
Kendriya Bhawan, 5th Floor, Sector-H, Aliganj
Lucknow-226024

Kind Attention: Dr. A. K. Gupta, Additional Director

Subject: Compliance Report for the period from October 2024 to March 2025 of M/s Hindustan Urvarak & Rasayan Limited (HURL)-Ammonia (2200 MTPD) & Urea (3850 MTPD) Fertilizer Project at Gorakhpur, Uttar Pradesh, U.P.

Ref: (I) MOEF&CC, Environmental Clearance Letter No. J-11011/166/2016-IA II (I) dated 31.07.2017.

Dear Sir,

With reference to the subject, please find attached herewith the compliance report for the period October, 2024 to March, 2025.

Best regards.

for Hindustan Urvarak and Rasayan Limited

AVP-Technical



Enclosures

Copy to: Regional office Pollution control Board, Gorakhpur

Copy to: Uttar Pradesh Pollution Control Board, Gomti Nagar Lucknow

COMPLIANCE REPORT

(MOEF& CC File No. J-11011/166/2016-IA II (I) dated 31/07/2017)

For the period

OCTOBER, 2024 TO MARCH, 2025

Submitted

TO

MOEF& CC, Regional Office (ECZ), Lucknow

AMMONIA UREA FERTILIZER PLANT

(2200 MTPD Ammonia & 3850 MTPD Urea)

GORAKHPUR

June ,2025



हिंदुस्तान उर्वरक एवं रसायन लिमिटेड

HINDUSTAN URVARAK & RASAYAN LTD.

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COMPLIANCE OF EC CONDITIONS FOR THE PERIOD OCTOBER, 2024 to MARCH 2025.

Sl. No.	EC Conditions	Compliance status
(A) SPECIFIC CONDITIONS		
1	Emissions-limits for the pollutants from the Diesel Generator Sets and the stack height shall be in conformity with the extant statutory regulations and/or the CPCB guidelines in this regard.	<p>Diesel Generator Sets (EDG) were used only during emergencies. Normally EDG will remain in standby condition / non-working mode. Emissions-limits for the pollutants from the Diesel Generator sets and the stack height are as per statutory guidelines. EDG Emission report attached as Annexure-1.</p> <p>This point is complied and closed</p>
2	To control source emissions, scrubber and/or other suitable pollution control device shall be installed to meet the prescribed Particulate Matter emission norms of 50 mg/Nm ³ , and also the NATIONAL AMBIENT AIR QUALITY STANDARDS.	<p>Pollution control devices are installed to control the particulate matter emissions & the results are within the norms.</p> <p>The Stack emission & AAQ analysis report is attached for ready reference in Annexure-2 & 3.</p>
3	Fresh water requirement shall not exceed 5.36 cum/ton of Urea production. Fresh water for plant operation shall be sourced only from Chilwa Tal.	<p>HURL has made an agreement with the Nagar Nigam of Gorakhpur for consumption of water from the Chilwa Tal for process and utility. Fresh water Consumption is within limits.</p> <p>Please refer to Annexure-4</p>
4	Plantation shall be carried out around the Chilwa Tal.	<p>Plantation around the Chilwa taal, a MOU has been signed between HURL Gorakhpur & district forest department Gorakhpur on 18/09/2024.</p> <p>To plantation 16000 saplings near Chilwa taal, Land preparation work has been completed. Digging work for planting saplings & fencing work is in progress. Annexure-5</p>
5	As already committed by the project proponent, no waste/treated water shall be discharged outside to ensure ZLD. Water consumption shall be reduced by adopting 3 R's (Reduce, Reuse & Recycle) concept in the process.	<p>The Project is based on Zero Liquid Discharge concept adopting 3R's. Reverse Osmosis Plant (RO Plant) is running normal. Treated water of RO plant is used in cooling water system.</p>



6	<p>Industry shall develop Greenbelt with 10 m width along the plant periphery with three layers of perennial native plant species. 33% of the total project cover area i.e. nearly 130 acres out of 350 acres of area of the Project, shall be developed as green area with plantation of native perennial trees.</p>	<p>Plantation work is under progress. Gorakhpur come under the sub-tropical area, so DFO plant native species tree having some pollution abatement properties.</p> <ol style="list-style-type: none"> 1. The work of planting 5000 saplings in the first phase has been completed around the boundary. Growth of all-plants is shown in the attached Annexure-6 <p>A letter received from statutory authority letter no.75/सत-314/2023 which is directed to plant 25000 saplings and it must be carried out by Miyawaki method Annexure-7.</p> <p>The plantation status of the saplings at HURL complex by Miyawaki method is mention below:</p> <ol style="list-style-type: none"> I. 17500 saplings planted in Phase-II by Miyawaki method. The growth of the plants attached as Annexure-8 II. For Plantation of 9000 trees at HURL campus, plantation work has been done by District Forest department Gorakhpur. The growth of the plants attached as Annexure-9 <p>Out of 130 acres, Approx.85 acres land has been developed as a green belt which is 66 % of the target project. After planting 16000 saplings in near Chilwa taal, 37-acre land will be cover as a green belt which is 28% of the target project. Total 94 % land will be cover as a green belt in this financial year. The remaining 8 acres of land has been identified for plantation.</p>
7	<p>A plan shall be prepared and implemented for the conservation of Chilwa Tal giving special emphasis on protection of conservation of its natural recharge channels</p>	<p>Water from Chilwa Tal is the only source of fresh water being used during operation of the Plant. HURL has taken up a project of deepening and dredging of Chilwa Taal for increasing the water storage capacity to meet the plant's requirement.</p> <p>The dredging work completed and material is used for land filling in the nearby locality of Chilwa Taal. This point is Complied and closed.</p>
8	<p>All the commitments made during Public Hearing/Public Consultation meeting held on 24th April, 2017 shall be satisfactorily</p>	<p>During the public hearing ,28 points discussed, 26 points have been closed one point is under discussion & another one point is under consideration in honourable high court.</p>

	implemented and adequate budget provision should be made accordingly.	Sufficient budget is being provisioned to address timely allocated to full fill requirement.
9	<p>At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner within 5 years. The ECS plan will include following activities:</p> <ol style="list-style-type: none"> Up-gradation of existing school with modern education facilities Planting of 5000 trees per year in 5 years in nearby villages in consultation with the local / forest dept. Survival rate of the plants shall be reported to RO, MoEF&CC in 6 monthly compliance report. Conservation plant for shall be continue with. Safe drinking water facility with RO plant in villages located within 3 Km radius of the plant with maintenance cost. 	<p>The ESC program is being carried out and an adequate budget is provided for the Project in a phase-wise manner. Detailed status along with the budget spent will be sent to the Ministry's regional office.</p> <p>The following activities are in progress:</p> <p>1-Development of a Model village at Sonbarsa, Gorakhpur.</p> <p>MoU signed between GDA & HURL. Work awarded to M/S Arunima Construction and M/S H.S. Construction. The Project started on the 1st week of Nov 2022. Project Cost's 12.3 Crore. The Project has the following components: -</p> <p>Storm Water Drainage:</p> <p>Work was completed up to 2200 meters against the target of 2.2 km.</p> <p>Pond: A retaining and toe wall of approx. 175 meters has been built. Approx. in 250 sq. feet of area, open Gym for Community, a walkway, and a recreation area will be built.</p> <ul style="list-style-type: none"> * Retaining Wall Work at the north adjacent to the roadside and the west side adjacent to the temple area is completed * The toe wall surrounding the pond is completed. * Soil filling surrounding the toe wall is completed. Plantation of Grass and Shrubs to protect against soil erosion is completed. * Pathway surrounding the pond approx. 150mt. completed. * Boundary work around the pond has been completed using MS material. * Steel Bench to be provided near placemaking area. <p>School: Two story building including 4 rooms & Hall and toilet is in provision. Four classrooms will be a smart class.</p>


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	<p>Construction work on two floors is completed. Electrification woodwork jobs and Finishing work are Completed.</p> <p>* Also, in school children play area developed.</p> <p>Panchayat Bhavan: Single-story building, One conference room with Two office rooms</p> <ul style="list-style-type: none"> • Construction work is completed. <p>STP; SKLD package plant</p> <p>Site-identified, plot size found small against the requirement, hence new site identification is under progress.</p> <p>Solar Light: Approx. 260 solar lights are fixed in the village.</p> <p>*200 Solar Street light with Pedestals installed at entire village.</p> <p>Entrance Gate: Model Village with HURL & GDA Branding Has been completed.</p> <p>Road Improvement: RCC work done in front of Panchayat Bhawan approx. 200 Metre in length.</p> <p>2-Creation of Health Infrastructure Paediatric Intensive Care Unit-PICU at 17 CHCs.</p> <p>MoU signed between GDA & HURL. Work awarded to M/S Harsh Enterprises. Project implementation started in the 3rd week of Nov 2022. Project Cost 26.42 Crore (Revised).</p> <p>In the first phase implementation was completed at 02 CHC'S Jangal Kauria & Chargawan (Khuthan). In the second phase implementation was completed at 05 CHC'S; Bhathat, Sahjanwa, Pali, Harnahi, and Bansgaon. All seven CHCs were inaugurated by the Hon'ble CM Uttar Pradesh and handed over to respective CHC management.</p> <p>In the third phase implementation was completed at 07 CHC'S; Badhalganj, Belghat, Gola, Basudeeha, Barahi, and Pipraich. All seven CHCs are handed over to respective CHC management. Total 14 PICU units' operation &</p>
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	<p>maintenance work for a year was completed & handover to CHC. Fourth phase the balance two PICU units Aranv Jagdish and shivpur operation & maintenance work for year is running.</p> <p>As per the revised approval, A total of 16 PICU Installations were completed, 14 PICU handed over to respective CHCs and Operation and Maintenance job for 02 CHC's is going on.</p> <p>3-Development of Ramgarh Taal- Facelift and Placemaking, District Gorakhpur.</p> <p>MoU signed between GDA & HURL.LOA awarded to PMC. Project Cost 3.5 Crore.</p> <p>The implementing Agency is selected through the tendering process. Work order issued to M/S Universal Electrical and Smt. Reena Singh. A total of 100% work was completed.</p> <p>The remaining job of HURL Branding is completed and the remaining Placemaking component is replaced by a view deck and tensile shade. Work is now completed.</p> <p>4. Improvement/augmentation of education & related infrastructure in selected schools of Gorakhpur district including a Govt. district library</p> <p>20 Kasturba Gandhi Awasiya Balika Vidyalaya</p> <p>* LOA issued to PWD Prantiya Khand and Nirman khand 3 Gorakhpur.</p> <p>* Work is currently in progress at only one school, Kasturba Gandhi Balika Vidyalaya, Kaudiram. In the remaining 18 Kasturba Gandhi Awasiya Balika Vidyalayas, the work has already been completed by another agency.</p> <p>* At Kasturba Gandhi Awasiya Balika Vidyalaya, Khorabar, the work was initially assigned to PWD Nirman Khand-03. However, due to certain issues, a new implementing agency has been nominated Rajkiya Nirman Nigam Limited, Gorakhpur.</p> <p>06 Government Schools and District Library</p>
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		<p>* LOA issued to PWD Prantiya Khand and Grameen Abhiyantran, Gorakhpur</p> <p>* Construction work has been initiated in all sites.</p> <p>* 200 Furniture (Bench & Desk) for students provided by Grameen Abhiyan Taran in Sardar nagar Govt school.</p> <p>*30% Construction work completed at 06 Govt. School remaining work completed by May 2025.</p> <p>5. Supply, Installation & Commissioning of solar LED Lights with octagonal pole in Gorakhpur city.</p> <p>* MoU sign between HURL & Nagar Nigam Gorakhpur for installation of 1427 Solar Street Light at 27 routes with approved project cost 21.12 Cr.</p> <p>* Under tendering process initiated by Nagar Nigam Gorakhpur. Price bid open and sample of Integrated solar street light have been asked from Vendor.</p>
10	A regular environment manager having post graduate qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management activities of the proposed plant.	<p>A regular Environment and Quality Control Manager having Ph.D. qualification has been appointed to look after the activities of the proposed plant.</p> <p>This point is complied and closed</p>
11	Continuous online (24 X 7) monitoring system for emissions and effluent generation shall be installed for flow/discharge measurement and the pollutants concentration within the plant. Data shall be uploaded on company's website and provided to the respective RO of MoEF & CC, CPCB and SPCB.	<p>The installation of the continuous monitoring system has been done according to the CPCB guidelines. Plant data is uploaded on website and can be viewed by the respective RO of MOEF& CC, CPCB and SPCB.</p> <p>This point is complied and closed</p>
12	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. The ammonia storage shall be limited to 2 days.	<p>This has been addressed in the Detailed Project Report and Rapid risk assessment conducted for the Project. Firefighting system has been installed in the entire complex and is in operational. In addition, 03 Nos of fire tenders have been stationed at the HURL plant to meet any exigency.</p>

13	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health check-up/monitoring of the operational labourers is being done as per the schedule and records are being maintained for the same.
14	Storage of hazardous raw material shall not exceed more than 7 days.	HURL has been confirmed that hazardous raw material is not stored more than 7 days. HURL Gorakhpur site using gaseous natural gas as raw Material & this is being supplied to plant by M/S Gail India limited by pipeline network. raw material remains in gaseous form only in pipeline that is well equipped with dedicated flare system. So, this point is complied & closed.
15	Urea dust shall be controlled by prescribed standard technique.	Complied with. Cyclone separators are installed for controlling the urea dust. Height of the Prilling tower is 149.2 meter & it is quite high to controls the dust emission.
B	GENERAL CONDITIONS	
i)	The Project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	HURL complies with the conditions laid by UPPCB, UP State Government and any other statutory authority.
ii)	No further expansion or modifications in the Plant shall be carried out without prior approval of the MoEF&CC. In case of deviations or alterations in the project proposal from those submitted to MoEF&CC 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.	Complied as stated
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as. Where maximum ground level concentrations are anticipated.	The locations of ambient air quality monitoring have been decided in consultation with the UP-State Pollution Control Board (UPPCB) and HURL officials for monitoring of Air Quality Monitoring 6Nos. of AAQMS have been installed in the project area out of which two stations are selected in up-wind and two stations are selected in down-wind directions.

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iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated is November, 2009 shall be followed.	All efforts are being made to contain the fugitive dust emission within the standard limits.
v)	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).	Noise level is being monitored around the plant on regular basis. All efforts are being made to contain the noise levels within the standard limits at the plant round the clock. All equipment deployed at the site are ensured to have acoustic hoods and silencers/enclosures on sources of noise generation. The workers at site are equipped with ear muffs.
vi)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	This condition has been complied during the designing of the buildings and rainwater harvesting system has been placed. This point is complied and closed.
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. HURL-GKP organizes training on health & safety externally and conduct training on regular basis internally. HURL conducts mock drills from time to time & Mock drill Schedule; training pictures & attendance records are attached as Annexure-10&11.
viii)	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, risk mitigation measures and public hearing be implemented.	All the environmental protection measures have been Implemented. This point is complied and closed
ix)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	CSR activities will be undertaken by involving local villages and administration as per the extant Government guidelines. Currently said activities are being taken up with CER Funds.

x)	The company shall undertake all eco-developmental measures including community welfare measures for overall improvement of the environment.	This will be undertaken by involving local villages and administration as per rules and Government guidelines. Currently said activities are being taken up with CER Funds.
xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied.
xii)	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.	This condition has been complying by HURL.
xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions, representations, if any, were received while processing the proposal.	Complied
xiv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional Office of MOEF& CC, the respective Zonal Office of Environmental Clearance and six-monthly compliance status reports shall be posted on the website of the company.	Complied
xv)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed	The Environment Statement for the financial year ending 31 st March, 2024 in From-V has been submitted on time. Copy of the latest

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	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 Regional Offices of MOEF& CC by-mail.	Environmental Statement 31 st March,2025 is attached in Annexure -12 for reference.
xvi)	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 at http://moef.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.	This point is complied and closed
xvii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Date of start of project :27 Feb 2018 The date of financial closure is 20.09.2018. COD of the Gorakhpur Project is declared on 03.05.2022.



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Office: Administrative Building, HURL Campus, Fertilizer, Gorakhpur-273015 U.P. India-Telefax-0551-2222261177

Test Report

Sample Particulars:

Nature of the Sample	: EDG Stack Gas Emission
Date of Sampling	: 19/03/2025
Test Started On	: 20/03/2025
Test Completed On	: 22/03/2025
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: EDG Room (EDG-1 Sr. No.: 4190620317)
DG Set Capacity	: 2.51 MW
Type of Fuel Used	: HSD
Consumption of Fuel (Lt/hr)	: 625
Method of Sampling	: IS: 11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: Mild Steel
Pollution Control Measure Attached	: No
Stack height from Ground Level (m)	: 30
Diameter of the Stack(m)	: 0.5
Sampling Duration (min)	: 40

Observations:


Flue Gas Temperature °C	: 165
Ambient Air Temperature °C	: 32
Flue Gas Velocity (m/s)	: 32.23

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Particulate Matter, (as PM)	mg/Nm ³	32.0	75	IS:11255(P-1)
2	Oxides of Nitrogen (NO _x)	ppmv	220	710	IS:11255 (P-7)
3	Carbon Mono Oxide (CO)	mg/Nm ³	40	150	USEPA Method No. 10

*Limits @ 85% Load and 15% O₂ Correction.

** Results at full load and 15% O₂ Correction.


डॉ. आदर्श कुमार
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Office: Administrative Building, HURL Campus, Fertilizer, Gorakhpur-273015 U.P. India-Telefax-0551-222261177

Test Report

Sample Particulars:

Nature of the Sample	: EDG Stack Gas Emission
Date of Sampling	: 19/03/2025
Test Started On	: 20/03/2025
Test Completed On	: 22/03/2025
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: EDG Room (EDG-2 Sr. No.: H190619744)
DG Set Capacity	: 2.51 MW
Type of Fuel Used	: HSD
Consumption of Fuel (Lit/hr)	: 625
Method of Sampling	: IS: 11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: Mild Steel
Pollution Control Measure Attached	: No
Stack height from Ground Level (m)	: 30
Diameter of the Stack(m)	: 0.5
Sampling Duration (min)	: 40

Observations:

Flue Gas Temperature °C	: 160
Ambient Air Temperature °C	: 32
Flue Gas Velocity (m/s)	: 32.0

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Particulate Matter, (as PM)	mg/Nm ³	26.4	75	IS:11255(P-1)
2	Oxides of Nitrogen (NO _x)	ppmv	185	710	IS:11255 (P-7)
3	Carbon Mono Oxide (CO)	mg/Nm ³	38.0	150	USEPA Method No. 10

*Limits @ 85% Load and 15% O₂ Correction.

** Results at full load and 15% O₂ Correction.


डॉ. आदर्श कुमार
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Test Report

Sample Particulars:

Nature of the Sample	:	EDG Noise Level
Date of Sampling	:	19/03/2025
Test Started On	:	20/03/2025
Test Completed On	:	22/03/2025
Purpose of Monitoring	:	To Check the Pollution Load
Sampling Location	:	EDG Room (EDG-1 Sr. No.: 4190620317)
DG Set Capacity	:	2.51 MW
Type of Fuel Used	:	HSD
Consumption of Fuel (Lit/hr)	:	625
Normal Operating Schedule	:	As per requirement
DG Enclosure Surface	:	Yes

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	DG Set Noise (2.51 MW) at 1 meter Distance	dB	76	75	

*Limits @ 85% Load


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Dr. Adarsh Kumar
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हिंदुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर HINDUSTAN URVARAK & RASAYAN LTD., GORAKHPUR

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कार्यालय: प्रशासनिक भवन, एच. यू. आर. यल. कैपस, फर्टिलाइजर, गोरखपुर-273015 उ.प्र. भारत

Office: Administrative Building, HURL Campus, Fertilizer, Gorakhpur-273015 U.P. India-Telefax-0551-2222261177

Test Report


Sample Particulars:

Nature of the Sample	: EDG Stack Gas Emission
Date of Sampling	: 19/03/2025
Test Started On	: 20/03/2025
Test Completed On	: 22/03/2025
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: EDG Room (EDG-2 Sr. No.: H190619744)
DG Set Capacity	: 2.51 MW
Type of Fuel Used	: HSD
Consumption of Fuel (Lit/hr)	: 625
Normal Operating Schedule	: As per requirement
DG Enclosure Surface	: Yes

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	DG Set Noise (2.51 MW) at 1 meter Distance	dB	78	75	

*Limits @ 85% Load


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Test Report

Sample Particulars:

Nature of the Sample	: Stack Gas Emission
Date of Sampling	: 28-03-25
Test Started On	: 29-03-25
Test Completed On	: 31-03-25
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: HRSG-1
Method of Sampling	: IS:11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: Mild Steel
Stack height from Ground Level (m)	: 32.5
Diameter of the Stack(m)	: 1.7
Sampling Duration (min)	: 40

Observations:


Flue Gas Temperature °C	: 205
Ambient Air Temperature °C	: 33
Flue Gas Velocity (m/s)	: 28.1

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Oxide of Nitrogen (as NO _x)	mg/Nm ³	23	USEPA OTM-39
2	Oxides of Sulphur (as SO _x)	mg/Nm ³	ND (DL-1)	SOP No.:NL/SOP/FGA/01

Remark:

ND-Not Detected*DL-Detection Limit.


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Test Report

Sample Particulars:

Nature of the Sample	: Stack Gas Emission
Date of Sampling	: 28-03-25
Test Started On	: 29-03-25
Test Completed On	: 31-03-25
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: HRSG-2
Method of Sampling	: IS:11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: Mild Steel
Stack height from Ground Level (m)	: 30
Diameter of the Stack(m)	: 1.7
Sampling Duration (min)	: 40

Observations:

Flue Gas Temperature °C	: 195
Ambient Air Temperature °C	: 35
Flue Gas Velocity (m/s)	: 22.79

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Oxide of Nitrogen (as NO _x)	mg/Nm ³	26.2	USEPA OTM-39
2	Oxides of Sulphur (as SO _x)	mg/Nm ³	ND (DL-1)	SOP No.:NL/SOP/FGA/01

Remark:

ND-Not Detected*DL-Detection Limit.

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Test Report

Sample Particulars:

Nature of the Sample	:	Stack Gas Emission
Date of Sampling	:	28-03-25
Test Started On	:	29-03-25
Test Completed On	:	31-03-25
Purpose of Monitoring	:	To Check the Pollution Load
Sampling Location	:	AUX Boiler
Method of Sampling	:	IS: 11255
Normal Operating Schedule	:	As per requirement
Type of Stack /Duct	:	Mild Steel
Stack height from Ground Level (m)	:	32.5
Diameter of the Stack(m)	:	1.7
Sampling Duration (min)	:	40

Observations:

Flue Gas Temperature °C	:	170
Ambient Air Temperature °C	:	36
Flue Gas Velocity (m/s)	:	23.86

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Oxide of Nitrogen (as NO _x)	mg/Nm ³	58	USEPA OTM-39
2	Oxides of Sulphur (as SO _x)	mg/Nm ³	ND (DL-1)	SOP No.:NL/SOP/FGA/01

Remark:

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Test Report

Sample Particulars:

Nature of the Sample	: Gas Emission
Date of Sampling	: 28-03-25
Test Started On	: 29-03-25
Test Completed On	: 31-03-25
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: Prill Tower
Method of Sampling	: IS: 11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: RCC
Prill Tower height from Ground Level (m)	: 149.2
Diameter of the Prill Tower(m)	: 28
Sampling Duration (min)	: 90

Observations:

Flue Gas Temperature °C	: 60
Ambient Air Temperature °C	: 35
Flue Gas Velocity (m/s)	: 5.6

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Particulate Matter, (as PM)	mg/Nm ³	46.2	IS:11255 (P-1)


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Test Report

Sample Particulars:

Nature of the Sample	: Stack Gas Emission
Date of Sampling	: 28-03-25
Test Started On	: 29-03-25
Test Completed On	: 31-03-25
Purpose of Monitoring	: To Check the Pollution Load
Sampling Location	: 101 Reformer
Method of Sampling	: IS: 11255
Normal Operating Schedule	: As per requirement
Type of Stack /Duct	: Mild Steel
Stack height from Ground Level (m)	: 53.8
Diameter of the Stack(m)	: 1.7
Sampling Duration (min)	: 40

Observations:

Flue Gas Temperature °C	: 174
Ambient Air Temperature °C	: 32
Flue Gas Velocity (m/s)	: 22.5

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Oxide of Nitrogen (as NO _x)	mg/Nm ³	80	USEPA OTM-39
2	Oxides of Sulphur (as SO _x)	mg/Nm ³	ND (DL-1)	SOP No.:NL/SOP/FGA/01

Remark:

ND-Not Detected*DL-Detection Limit.


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Annexure-3

HURL GORAKHPUR, AIR QUALITY DATA – (OCTOBER 2024 TO MARCH 2025)

Month	Parameters		NAAQS	HURL Plant Main Gate (SA 1)	HURL admin Building (SA 2)	HURL Residential Quarter No. B-28 (SA 3)	HURL Residence Quarter No.D-186 (SA 4)	HURL Rubber Dam (SA 5)	Near Bargadwah Railway Crossing (SA 6)
			Standards						
October 2024	PM10	µg/m³	100	103.04	101.7	96.05	96.27	97.26	109.49
	PM2.5		60	57.05	52.33	45.84	46.18	47.49	60.07
	SO ₂		80	15.47	13.93	15.94	16.72	13.76	24.25
	NO _x		80	24.20	23.7	24.32	26.81	24.27	24.87
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.36	0.39	0.52	0.36	0.43	0.50
	NH ₃	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		100	26.42	34.66	29.1	30.8	24.48	34.83
	Ni	ng/m³	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	µg/m³	1	ND	ND	ND	ND	ND	ND
November 2024	PM10	µg/m³	100	101.86	104.59	99.64	99.99	97.26	108.61
	PM2.5		60	57.37	60.3	55.13	53.49	47.49	61.79
	SO ₂		80	22.03	15.03	23.25	17.36	13.76	30.35
	NO _x		80	24.12	25.48	23.76	26.75	24.27	28.16
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.39	0.44	0.5	0.45	0.43	0.51
	NH ₃	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		100	28.16	35.13	25.23	26.15	24.48	34.83
	Ni	ng/m³	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	µg/m³	1	ND	ND	ND	ND	ND	ND



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December 2024	PM10	$\mu\text{g}/\text{m}^3$	100	100.99	102.17	92.88	93.24	89.32	106.14
	PM2.5		60	59.99	61.53	60.26	48	40.69	62.61
	SO2		80	15.38	15.80	22.19	17.07	18.69	21.70
	NOx		80	24.09	24.45	31.66	28.36	24.09	21.02
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.40	0.41	0.44	0.43	0.44	0.52
	NH3	$\mu\text{g}/\text{m}^3$	400	ND	ND	ND	ND	ND	ND
	Ozone		100	27.49	34.17	27.17	32.69	27.57	37.87
	Ni	ng/m3	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	$\mu\text{g}/\text{m}^3$	1	ND	ND	ND	ND	ND	ND
January 2025	PM10	$\mu\text{g}/\text{m}^3$	100	99.70	102.13	92.90	92.90	91.57	103.12
	PM2.5		60	59.80	59.85	51.02	51.94	49.61	61.04
	SO2		80	13.98	17.19	21.77	20.66	19.47	25.50
	NOx		80	21.61	25.94	28.35	24.87	21.71	22.12
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.42	0.40	0.45	0.43	0.43	0.52
	NH3	$\mu\text{g}/\text{m}^3$	400	ND	ND	ND	ND	ND	ND
	Ozone		100	26.60	30.78	50.13	21.39	27.36	40.20
	Ni	ng/m3	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	$\mu\text{g}/\text{m}^3$	1	ND	ND	ND	ND	ND	ND
February 2025	PM10	$\mu\text{g}/\text{m}^3$	100	94.17	94.57	93.80	90.73	88.10	108.33
	PM2.5		60	55.57	55.73	53.60	50.00	45.60	64.27
	SO2		80	16.30	15.40	19.87	17.40	17.80	21.97
	NOx		80	22.37	24.27	25.03	22.07	23.10	25.87
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.56	0.54	0.56	0.52	0.53	0.62
	NH3	$\mu\text{g}/\text{m}^3$	400	ND	ND	ND	ND	ND	ND
	Ozone		100	23.43	26.63	38.9	17.60	24.37	34.3
	Ni	ng/m3	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	$\mu\text{g}/\text{m}^3$	1	ND	ND	ND	ND	ND	ND



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Annexure-3

	Pb	µg/m3	1	ND	ND	ND	ND	ND	ND
March 2025	PM10	µg/m3	100	94.40	94.80	90.58	88.90	85.53	108.33
	PM2.5		60	53.95	57.28	46.85	49.00	45.93	66
	SO2		80	15.45	15.85	22.75	20.23	17.38	25.93
	NOx		80	21.13	22.50	26.60	24.83	19.13	29.43
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.50	0.38	0.35	0.54	0.45	0.44
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		100	23.15	29.35	47.58	22.25	26.88	34.15
	Ni	ng/m3	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	µg/m3	1	ND	ND	ND	ND	ND	ND
Average	PM10	µg/m³	100	99.03	99.99	94.31	93.67	91.51	107.34
	PM2.5		60	57.29	57.84	52.12	49.77	46.14	62.63
	SO2		80	16.44	15.53	20.96	18.24	16.81	24.95
	NOx		80	22.92	24.39	26.62	25.62	22.76	25.25
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.44	0.43	0.47	0.46	0.45	0.52
	NH3	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		100	25.88	31.79	39.96	25.15	25.86	36.03
	Ni	ng/m³	20	ND	ND	ND	ND	ND	ND
	As		6	ND	ND	ND	ND	ND	ND
	Pb	µg/m³	1	ND	ND	ND	ND	ND	ND



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Annexure-3

HURL GORAKHPUR, NOISE DATA (OCTOBER 2024 TO MARCH 2025)								
Month	Parameters	Prescribed Limits in db(A) as per NAAQS Ind./Res. Area	HURL Plant (SA 1)	HURL admin Building (SA 2)	HURL Quarter No. B-28 (SA 3)	HURL Residence Quarter No. D-186 (SA 4)	Rubber Dam (SA 5)	Bargadwa Near Railway Crossing (SA 6)
October-2024	24 hrs. Avg Leq Value db (A)	-	54.72	54.75	53.19	51.87	50.85	61.97
	Day time Avg Leq Value db (A)	75/55/65	58.01	58.5	56.34	54.82	53.75	65.12
	Night time Avg Leq Value db (A)	70/45/55	48.13	47.17	46.89	45.97	45.04	55.67
November-2024	24 hrs. Avg Leq Value db (A)	-	54.33	53.10	50.13	49.63	49.11	60.27
	Day time Avg Leq Value db (A)	75/55/65	57.86	56.96	52.77	51.83	51.91	63.01
	Night time Avg Leq Value db (A)	70/45/55	47.27	45.37	44.86	45.24	43.52	54.78
December-2024	24 hrs. Avg Leq Value db (A)	-	53.93	54.19	50.80	49.02	49.24	59.56
	Day time Avg Leq Value db (A)	75/55/65	57.15	57.69	52.55	51.21	51.66	62.72
	Night time Avg Leq Value db (A)	70/45/55	47.49	47.18	47.29	44.64	44.41	53.25
January-2025	24 hrs. Avg Leq Value db (A)	-	51.78	50.44	52.16	48.69	47.89	59.45
	Day time Avg Leq Value db (A)	75/55/65	56.72	55.33	55.91	53.90	52.80	63.45
	Night time Avg Leq Value db (A)	70/45/55	47.36	45.54	47.33	44.57	44.11	55.26
Average	24 hrs. Avg Leq Value db (A)	-	54.72	53.85	52.19	50.35	49.88	61.10
	Day time Avg Leq Value db (A)	75/55/65	57.44	57.12	54.39	52.94	52.53	63.58
	Night time Avg Leq Value db (A)	70/45/55	47.56	46.32	46.59	45.11	44.27	54.74



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पट्टा विलेख

वार्षिक किराया मु0 10000=00 प्रतिवर्ष प्रति हेक्टेयर
 औसत वार्षिक किराया (मु0 10,000=00 प्रतिवर्ष X 7.745 हेक्टेयर)=
 मु0 77450=00
 आर्टिकल 35(V) सेड्यूल. 1-बी के अनुसार मूल्यांकन-
 (औसत वार्षिक किराया मु0 77,450=00 X 6)= मु0 4,64,700=00
 यानी मु0 4,65,000=00
 मूल्यांकन का 4% अदा स्टैम्प-मु0 18,600=00



नगर निगम, गोरखपुर जरिये श्री रामसूचित, राजस्व निरीक्षक
 नगर निगम, गोरखपुर।.....प्रथम पक्ष।

राजस्व निराकरण

नगर निगम, गोरखपुर



सुबोध दिक्षित
 SUBODH DIXIT

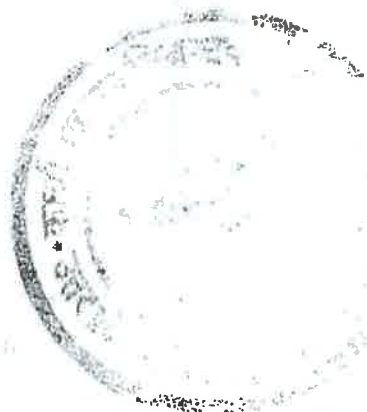
वरिष्ठ प्रबन्धक
 Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
 HURL, Gorakhpur



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29.10.2020

हि-2/11/14 उर्वरक एवं खाद्यन लि० गो० 12249/ युनिट गो० 12249/ जटिल सुबोधा दीक्षित जीटक 24-11-20



महाराष्ट्र सरकार
कृषि विभाग
मुंबई





उत्तर प्रदेश UTTAR PRADESH

DD 958637

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व

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर यूनिट गोरखपुर
जरिये श्री सुबोध दीक्षित वरिष्ठ प्रबन्धक हिन्दुस्तान उर्वरक एवं
रसायन लिमिटेड, गोरखपुर।.....द्वितीय पक्ष।

ग्राम-जंगल बेनी माधव नं०-1, तप्पा-कस्बा, परगना-हवेली,
तहसील-सदर, जनपद-गोरखपुर स्थित ताल (सम्पत्ति नगर निगम)
आराजी संख्या-706/258, रकबा- 19.14 एकड़ यानी 7.745 हेक्टेयर
को द्वितीय पक्ष अपने कारखाने में जल आपूर्ति के लिये पट्टे पर लेना
चाहता है।

शिवशंकर निराधर
वरिष्ठ निरीक्षक, गोरखपुर



सुबोध दीक्षित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur



Abhinav

Abhinav

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33
29.6.2020

हिन्दुस्तान उर्वरक एवं खादों लि० गे० २२७५५ यूनित गो० २२७५५
जालिह बुधोवा दीक्षित कोरक पुन-पुन



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उत्तर प्रदेश UTTAR PRADESH

DD 958638

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फर्टिलाइजर कारखाना में जल आपूर्ति सुनिश्चित करने के सम्बंध में मा0 मुख्य सचिव, उत्तर प्रदेश शासन द्वारा दिनांक 15.02.2017 को शासन में आहूत बैठक में निर्देश दिया गया है कि नगर निगम गोरखपुर विधि के आलोक में इस सम्बंध में सार्थक विचार करे।

मा0 मुख्य सचिव, उत्तर प्रदेश शासन द्वारा दिये गये निर्देश के अनुसार एवं नगर निगम की धारा-128 में दिये गये प्राविधानों के अनुरूप शासन की स्वीकृति प्राप्त होने के पश्चात् निम्नलिखित शर्तों पर प्रथम पक्ष उक्त ताल को द्वितीय पक्ष को पट्टा पर देने हेतु सहमत है:-

- 1- यह कि शासन की स्वीकृति संख्या-1164/नौ-7-2018-7(जनरल)/2017 दिनांक 12 फरवरी, 2020 के क्रम में ग्राम-जंगल बेनी माधव नं0-1, स्थित ताल (सम्पत्ति नगर निगम) आराजी संख्या-706/258, रकबा-19.14 एकड़ यानी 7.745 हेक्टेयर का पट्टा द्वितीय पक्ष के हक में दिनांक

राजस्व निरीक्षक
नगर निगम, गोरखपुर




सुबोध दिक्षित
SUBODH DIXIT
बिम्ब प्रबन्धक
Sr. Manager
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur







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29.6.2020

मां २० ३३.



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उत्तर प्रदेश UTTAR PRADESH

BK 325757

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13 फरवरी 2020 को नगर आयुक्त महोदय द्वारा स्वीकृति प्रदान कर दी गयी है। जिसमें पट्टे की अवधि 30 वर्षों की होगी यानी ताल के पट्टे की अवधि दिनांक 29.06.2020 से प्रारम्भ होकर दिनांक 28.06.2050 तक के लिए मान्य होगी। 30 वर्षों की अवधि समाप्त होने के पश्चात् प्रथम पक्ष की सहमति से अगले 25 वर्षों के लिये उक्त पट्टे का नवीनीकरण कराया जा सकेगा। जिसका रजिस्ट्री कार्यालय सदर, गोरखपुर में पंजीकरण कराया जाना अनिवार्य होगा।

2- यह कि द्वितीय पक्ष उक्त ताल से 1450 घनमीटर प्रतिघण्टे, जल प्राप्त कर सकेगा, किन्तु ताल में एक न्यूनतम जल स्तर बनाये रखने का दायित्व द्वितीय पक्ष का होगा, ताकि जलीय जीवन पर कोई दुष्प्रभाव न पड़े। यदि अवर्षण या अन्य किसी कारण से द्वितीय पक्ष को प्रतिघण्टे 1450 घनमीटर जल उपलब्ध नहीं हो पाता है तो उसके पूर्ति का दायित्व किसी भी दशा में प्रथम पक्ष का नहीं होगा।

ताल की अवधि
रजिस्ट्री कार्यालय
गोरखपुर

सुबोध दिसित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur

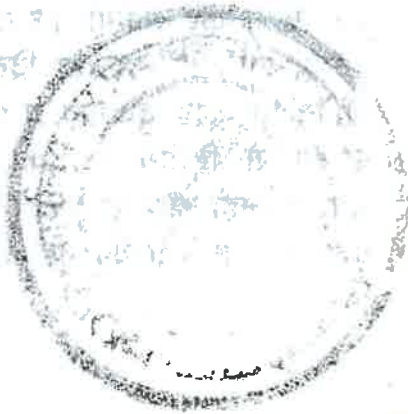
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उत्तर प्रदेश UTTAR PRADESH

BK 325758

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- 3- यह कि ग्राम-जंगल बेनी माधव नं०-1, स्थित ताल (सम्पत्ति नगर निगम) आराजी संख्या-706/258, रकबा-19.14 एकड़ यानी 7.745 हेक्टेयर का लगान रुपया 10,000=00 प्रतिवर्ष प्रति हेक्टेयर की दर से देय होगा। यदि दरों के सम्बंध में कोई शासनादेश अथवा अधिनियम में कोई परिवर्तन होता है, तो उसके अनुसार लगान की दर भी तदनुसार संशोधित होकर लगान दर से प्रतिवर्ष देय होगा। प्रत्येक वित्तीय वर्ष के समाप्ति के पूर्व द्वितीय पक्ष को पट्टा की धनराशि जमा करना अनिवार्य होगा।
- 4- यह कि द्वितीय पक्ष उक्त ताल का सौन्दर्यीकरण/सफाई का कार्य अपने व्यय पर करा सकता है। इस सम्बन्ध में सम्बंधित विभाग से अनापत्ति प्राप्त करने की जिम्मेदारी द्वितीय पक्ष की होगी।

राज्य निरीक्षक
उत्तर प्रदेश



[Signature]

सुबोध दिक्षित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur



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प्रा० १० ३३





उत्तर प्रदेश UTTAR PRADESH

BK 325759

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- 5- यह कि द्वितीय पक्ष, उक्त ताल में जल की उपलब्धता सुनिश्चित कराने के सम्बंध में ताल की खुदाई का कार्य, नगर निगम एवं सम्बंधित विभाग/विभागों से अनापत्ति प्राप्त करने के पश्चात् करा सकता है।
- 6- यह कि द्वितीय पक्ष उक्त ताल में जल आपूर्ति के लिए, पम्प हाउस या उससे सम्बंधित अन्य कोई निर्माण कार्य नगर निगम एवं सम्बंधित विभाग/विभागों से अनापत्ति प्राप्त करने के पश्चात् करा सकता है। उक्त कार्य के सम्बंध में नगर निगम, गोरखपुर की कोई जिम्मेदारी नहीं होगी।

मुख्य निरीक्षक
नगर निगम, गोरखपुर
20/6/08



(Signature)

सुबोध दिक्षित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur



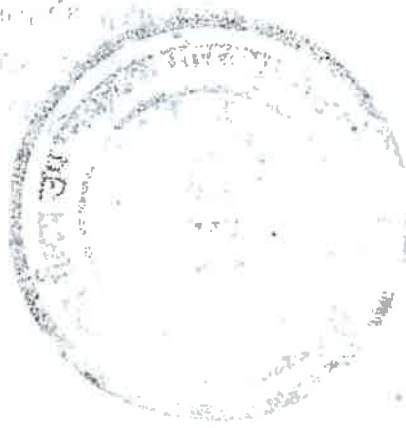
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प्रमाणित किया जाता है कि श्री राज कुमार
 सा. नं. 33, जो कि एक निजी व्यक्ति है, ने
 अपने निवास पर निम्नलिखित कार्य करवाये हैं
 कि वह अपने निवास पर निम्नलिखित कार्य करवाये हैं
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राज कुमार
 सा. नं. 33
 निवासी
 निम्नलिखित कार्य करवाये हैं





उत्तर प्रदेश UTTAR PRADESH

AE 412425

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- 7- यह कि द्वितीय पक्ष उक्त ताल में पूर्व से हो रहे किसी भी परम्परागत कार्य में कोई हस्तक्षेप नहीं करेगा।
- 8- यह कि पट्टे की अवधि में, आवश्यकता पड़ने पर, प्रथम पक्ष को सम्पूर्ण ताल या उसके किसी भाग का कब्जा लेने का पूर्ण अधिकार होगा।

राज्य विराज
गोरखपुर, गोरखपुर

24/6/20



Subodh Dixit

सुबोध दिक्षित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur



ABno

6/29/2020

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समां 33

29 अक्टूबर 2020 2000950014524

पट्टा विलेख/ कबूलियतनामा



बही सं०: 1

रजिस्ट्रेशन सं०: 4293

प्रतिफल - 465000 स्टाम्प शुल्क - 18600 बाजारी मूल्य - 0 पंजीकरण शुल्क - 4650 प्रतिलिपिकरण शुल्क - 80 योग : 4730

श्री हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये वरिष्ठ प्रबन्धक द्वारा
सुबोध दीक्षित अधिकृत पदाधिकारी/ प्रतिनिधि,
वरिष्ठ प्रबन्धक
व्यवसाय : नौकरी
निवासी: हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर



श्री, हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये सुबोध दीक्षित अधिकृत
वरिष्ठ प्रबन्धक द्वारा पदाधिकारी/ प्रतिनिधि

ने यह लेखपत्र इस कार्यालय में दिनांक 29/06/2020

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निबंधन हेतु पेश किया।

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रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

योगेन्द्र प्रताप सिंह

उप निबंधक :सदर प्रथम

गोरखपुर

29/06/2020

श्री दिनेश शाही

निबंधक लिपिक



उत्तर प्रदेश UTTAR PRADESH

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- 9- यह कि द्वितीय पक्ष, किसी भी दशा में उक्त ताल या उसके किसी अंश का पट्टा/हस्तान्तरण किसी तीसरे पक्ष के पक्ष में नहीं करेगा।
उभय पक्ष उपरोक्त पट्टा विलेख पढ़ कर समझकर और सहमत होकर अपना-अपना हस्ताक्षर बनाया।

राजेश निरीक
रव १ दिनांक/गोरखपुर
[Signature]



[Signature]

सुबोध दिक्षित
SUBODH DIXIT
वरिष्ठ प्रबन्धक
Sr. Manager
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड
HURL, Gorakhpur



[Signature]

6/29/2020

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29.6.2020

लगाने 33.

आवेदन सं०: 202000950014524

बही सं०: 1

रजिस्ट्रेशन सं०: 4293

वर्ष: 2020

निष्पादन लेखपत्र वाद सुनने व समझने मजमुन व प्राप्त धनराशि रु प्रलेखानुसार उक्त

पट्टा दाता: 1

श्री नगर निगम गोरखपुर जरिये राजस्व निरीक्षक के द्वारा

रामसूचित, राजस्व निरीक्षक

निवासी: नगर निगम गोरखपुर

व्यवसाय: नौकरी

पट्टा गृहीता: 1



श्री हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये वरिष्ठ

प्रबन्धक के द्वारा सुबोध दीक्षित, वरिष्ठ प्रबन्धक

निवासी: हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर

व्यवसाय: नौकरी



ने निष्पादन स्वीकार किया। जिनकी पहचान

पहचानकर्ता: 1

श्री अतुल कुमार, पुत्र श्री सुबाष चन्द्र राय

निवासी: ग्राम-दुधरा, पोस्ट-बनियावारी, खलीलाबाद,

संतकबीर नगर

व्यवसाय: नौकरी

पहचानकर्ता: 2



श्री राजनारायण, पुत्र श्री रामउग्रह

निवासी: रामपुर चक, मानीराम, गोरखपुर

व्यवसाय: अन्य



रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

ने की। प्रत्यक्षतः भद्र साक्षियों के निशान अंगूठे नियमानुसार लिए गए हैं।

टिप्पणी:

योगेन्द्र प्रताप सिंह
उप निबंधक: सदर प्रथम
गोरखपुर

श्री दिनेश शाही
निबंधक लिपिक



उत्तर प्रदेश UTTAR PRADESH

CC 269218

हस्ताक्षर प्रथम पक्ष

(9)

हस्ताक्षर द्वितीय पक्ष

राजस निराधर
राम निराधर, गोरखपुर
राम



सुबोध दिक्षित
SUBODH DIXIT
प्रिन्ट प्रमन्थक
Sr Manager
हिन्दुस्तान उर्वरक एवं ग्यास प्रिन्ट निगम लि.
HUKL, Gorakhpur



साक्षीगण:-

1- अतुल कुमार S/o

सुबाष चन्द्र शर्मा
सा ० दुधरा पोखरियाबारी
खलीलाबाद, सहकुबौर नगर

2- राजा नारायण पाण्डे S/o

शमभुवन पाण्डे
सा ० रामपुर चक्र पोखरियाबारी
गौर खपुर

स्थान-गोरखपुर
दिनांक-29.06.2020

प्रारूपकर्ता

गोविन्द सिंह

एडवोकेट

कलेक्ट्री कचहरी, गोरखपुर

अतुल

6/29/2020

38

40

सां २० ३३

29/6/2020
आवेदन सं०: 202000950014524

बही संख्या 1 जिल्द संख्या 16010 के पृष्ठ 357 से 382 तक क्रमांक
4293 पर दिनांक 29/06/2020 को रजिस्ट्रीकृत किया गया।

रजिस्ट्रीकृत अधिकारी के हस्ताक्षर
योगेन्द्र प्रताप सिंह
उप निबंधक : सदर प्रथम
गोरखपुर
29/06/2020



Annexure-5



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(First phase Plantation Annexure-6)



Alona



VP-Techno M/V ECC
03/05/2023
03.05.23

पर्यावरण बचाइए !!

Phone & Fax : 0551-2273937

Contact No. : 7839891824

क्षेत्रीय कार्यालय

उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

REGIONAL OFFICE

UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ संख्या

Ref. No. 75/राप-314/2023

दिनांक

Dated... 26-04-23

सेवा में,

1. मेसर्स गैलेन्ट इस्पात लि० (इन्टीग्रेटेड स्टील प्लान्ट), गीडा, गोरखपुर।
2. मेसर्स अंकुर उद्योग लि०, प्लॉट नं० ए०एल०-२, सेक्टर-२३, गीडा, गोरखपुर।
3. मेसर्स इण्डिया ग्लाईकॉल्स लि०, ई.-१, सेक्टर-१३, गीडा, गोरखपुर।
4. मेसर्स फोरेवर डिस्टिलरी प्रा० लि०, प्लॉट सं०-ए, यू०पी०सी०डा० औद्योगिक क्षेत्र, उसरा बाजार, तहसील-रूद्रपुर, जनपद-देवरिया।
5. मेसर्स इण्डियन पोटाश लिमिटेड, इकाई-सिसवा बाजार, जनपद-महाराजगंज।
6. मेसर्स इण्डियन पोटाश लि० (शुगर यूनिट), खड़डा, ग्राम- खड़डा, जनपद- कुशीनगर।
7. मेसर्स बजाज हिन्दुस्थान शुगर एण्ड इण्डस्ट्रीज लि० (फार्मली द प्रतापपुर शुगर एण्ड इण्डस्ट्रीज लि०), प्रतापपुर, देवरिया।
8. मेसर्स यू०पी० स्टेट शुगर कार्पोरेशन लि० (यूनिट पिपराईच), पिपराईच, जनपद- गोरखपुर।
9. मेसर्स हिन्दुस्तान उर्वरक एण्ड रसायन लि०, मौजा जंगल बेनी माधव नं० १, गोरखपुर।

विषय-

क्षेत्रीय कार्यालय, गोरखपुर के अर्न्तगत मियावाकी पद्धति पर वृक्षारोपण किये जाने वाली इकाईयों से वृक्षारोपण सम्बन्धी सूचना प्राप्त करने के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक बोर्ड मुख्यालय के पत्रांक सं० एच. 92287/सी०-३/264/मियावाकी/2023, दिनांक 20.04.2023 का संदर्भ ग्रहण करने का कष्ट करें। उक्त पत्र द्वारा विगत वर्ष की भाँति इस वर्ष 2023 में भी औद्योगिक इकाईयों में ग्रीन बेल्ट विकसित किये जाने सम्बन्धी सहमति के शर्तों का अनुपालन सुनिश्चित किये जाने के दृष्टिगत इकाईयों के परिसर में/अन्य उपलब्ध स्थलों पर मियावाकी पद्धति पर आधारित वृक्षारोपण अनिवार्य रूप से कराये जाने के निर्देश दिये गये हैं। तत्क्रम में मियावाकी पद्धति पर वनीकरण किये जाने हेतु सूचना संलग्न प्रारूप पर वांछित है। पत्र के साथ संलग्न प्रारूप पर अपने उद्योग से सम्बन्धित स्थल का अक्षांश-देशांतर एवं क्षेत्रफल आदि का विवरण भर कर एवं पत्र के साथ संलग्न शपथ-पत्र रु० 100 के स्टैम्प पेपर पर नोटराईज्ड कराकर इस कार्यालय को उपलब्ध कराने का कष्ट करें।

संलग्नक- उपरोक्तानुसार।

भवदीय

(पंकज थादव)
क्षेत्रीय अधिकारी

प्रतिलिपि- निम्नलिखित को सूचनार्थ सादर प्रेषित।

1. मुख्य पर्यावरण अधिकारी (वृत्त-३)/नोडल मियावाकी, उ०प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ।
2. मुख्य पर्यावरण अधिकारी (वृत्त-६), उ०प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ।

क्षेत्रीय अधिकारी

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मियावाकी पद्धति से प्रस्तावित वृक्षारोपण की स्थिति								
क्र.सं.	उद्योग / इकाई का नाम व पता	जनपद	पौधों की संख्या	मियावाकी वृक्षारोपण का स्थान	प्रस्तावित क्षेत्रफल (वर्ग मीटर में)	कोऑर्डिनेट्स		
						Latitude	Longitude	
A	B	C	D	E	F	G	H	
1	मेसर्स गैलेन्ट इस्पात लि० (इन्टीग्रेटेड स्टील प्लांट), गीडा, गोरखपुर।	गोरखपुर	25000					
2	मेसर्स अंकर उद्योग लि०, प्लाट नं० १०एल०-२, सेक्टर-२३, गीडा, गोरखपुर।	गोरखपुर	25000					
3	मेसर्स इण्डिया गार्डकॉल्स लि०, ई-१, सेक्टर-१३, गीडा, गोरखपुर।	गोरखपुर	25000					
4	मेसर्स यू०पी० स्टेट सुगर कार्पोरेशन लि० (यूनिट पिपराईच), पिपराईच, जनपद- गोरखपुर।	गोरखपुर	10000					
5	मेसर्स हिन्दुस्तान उर्वरक एण्ड रसायन लि०, मौजा जंगल बेनी माधव नं० १, गोरखपुर।	गोरखपुर	25000					
6	मेसर्स फारेवर डिस्टीलरी प्रा० लि०, प्लाट सं०-ए, यू०पी०सी०ड० औद्योगिक क्षेत्र, उसरा बाजार, तहसील-रुद्रपुर, जनपद-देवरिया।	देवरिया	25000					
7	मेसर्स बजाज हिन्दुस्थान शुगर एण्ड इण्डस्ट्रीज लि० (फार्मली द प्रतापपुर शुगर एण्ड इण्डस्ट्रीज लि०), प्रतापपुर, देवरिया।	देवरिया	5000					
8	मेसर्स इण्डियन पोटाश लिमिटेड, इकाई-सिसवा बाजार, जनपद-महाराजगंज।	महाराजगंज	5000					
9	मेसर्स इण्डियन पोटाश लि० (शुगर यूनिट), खड्डा, ग्राम- खड्डा, जनपद- कुशीनगर।	कुशीनगर	5000					

(Green belt Development-Miyawaki Method Annexure-8)



Abm

Miyawaki method 9000 Saplings (Annexure-9)

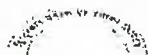


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(Safety Training Annexure-10)



Alhena



HURL

HINDUSTAN URVARAK & RASAYAN LIMITED
GORAKHPUR (U.P.)
Safety Training
Attendance Sheet

Date: 23/10/2024

Venue: Admin office

Topic Discussed: Fire Fighting training

Sl. No.	Name	Designation	Department	Signature
1	D. Aj. Kumar	AGM	ICH	
2	Jayesh. J	Dy Manager	ICH	
3	V. R. Byju	Supervisor	ICH	
4	V. S. Nireesh	"	ICH	
5	Anamulakha	SR. Beater	ICH	
6	Nandakumar TS	SR. Beater	ICH	
7	Umikaishnan KH	SR. Beater	ICH	
8	Abdul Afeel	SR. Beater	ICH	
9	Arjun. M	SR. Beater	ICH	
10	Pankaj Kumar Gupta	SR. Beater	ICH	
11	Karthik	SR. Cook	ICH	
12	Steelal	SR. Beater	ICH	
13	Ummi' Panna bandga	SR. Cooks	"	
14	Aswin. M	SR. Beater	"	
15	Satyam bisai	"	"	
16	Vikas Kannaiya	Sweeper	"	
17	Rasham bahadur Pan	Asst cook	"	
Name & Signature of Trainer:				



HURL

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 23/10/2024

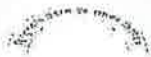
Venue:-

Admin office

Topic Discussed:

Fire fighting training

Sl. No.	Name	Designation	Department	Signature
18	Prem basal	Asstt Cook	1)	
19	Abhijit k	SR. Beater	1)	
20	Sooraj k s	SR. Beater	1)	
21	Gokul kumar	Cook	1)	
22	Tapas Maity	Cook	1)	
23	Ramesh babadur Pan	SR. Cooks	1)	
24	Jhameswar	Cook	1)	
25	Lal krishna	SR. Beater	1)	
26	Deepak Biswakarma	SR. Beater	1)	
27	Vivek kumar	SR. Cook	1)	
28	Arun k. J	SR. Beater	1)	
29	Tapas kumar Singh	SR. Beater	1)	
30	Ramesh kumar	Sweeper	1)	
31	Soorabh kumar	SR. Beater	1)	
32	Dayal Ram	SR. Beater	1)	
33	Pandura Sidhartha	Cook	1)	
34	Unni Pramod	Cook	1)	
Name & Signature of Trainer:				



HURL

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 23/10/2024

Venue:-

Topic Discussed: Fire Fighting training

Sl. No.	Name	Designation	Department	Signature
35	Akhil P hari	Cleaner))	
36	Anandhu. K	SR. Beater))	
37	Sugendra biswakarma	SR. Beater))	
38	Abhyuth Kumar. A	SR. Beater))	
39	Laxman becke	Cook	()	
40	Raj Kumar	Sweeper))	
41	Mahesh Kumar. S	Dy Manager))	
42	Muhammed Dilshad	SR. Cook))	
43	S. Shylash	SR. Beater))	
44	Manu. D	SR. Cook))	
45	Ramesh. bahadur. Puri	SR. Cook))	
46	SR. Manoj	SR. Beater))	
47	Hem bahadur Puri	SR. Cook))	
48	Ajay Singh	SR. Beater))	
49	Anuj Kumar	Sweeper))	
50	Ashtosh Gori))		
51	Kaushik	Sweeper))	
Name & Signature of Trainer:				



(HURL)

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 04/01/2025

Venue:-

Topic Discussed: Field Maintenance Building

Fire Fighting

Sl. No.	Name	Designation	Department	Signature
				रवि
	VIVEK GAUR	Hcl	Soumna	VIVEK Gaur
	Santosh Kumar	Hcl	"	Santosh
	Raghunath Choudhary	"	"	रघुनाथ चौधरी
	राज कुमार हुबे	H	H	राज कुमार हुबे
	Balraj Shrivastava	SUP	MCS	Balraj Shrivastava
	Pankaj Yadav	H/O	Soumna	Pankaj
	Pankaj K. Manjhi	G/A	"	Pankaj K. Manjhi
	Anand Kumar	position	IRFAN	Anand Kumar
	विकास	"	"	विकास
	पशवत	"	"	पशवत
	आशीष कुमार गोड			आशीष-उ
	विजय चौधरी	M	MCS	विजय चौधरी
	निमित्त	H	MCS	निमित्त
		H	MCS	
	अशोक	H	MCS	अशोक
	अशोक	H	MCS	अशोक
	Babli Kumar	H	"	Babli Kumar

Name & Signature of Trainer:

रवि

विजय चौधरी

रवि

A. K. Singh



HINDUSTAN URVARAK & RASAYAN LIMITED
GORAKHPUR (U.P.)
Safety Training
Attendance Sheet

Date: 17/03/2025

Venue:-

Topic Discussed:

Fire Fighting Training

Sl. No.	Name	Designation	Department/ Agency	Signature
	Ganesh Khatkhate	Sup.	Mech	
	Hira Singh	Belt Jainter	"	हिरा सिंह
	Rajesh Yadav	MWF	"	राजेश यादव
	Shiv Kumar Pandey	"	"	शिव कुमार
	Om Prakash	Rigger	"	Om Prakash
	Shiv Kumar	"	"	
	Suraj Prasad	"	"	सुरज प्रसाद
	Vijendra Yadav	"	"	विजेन्द्र यादव
	Kuldeep	Helper	"	Kuldeep
	Pramod	"	"	प्रमोद
	Ram Singh	"	"	राम सिंह
	Suryajay Yadav	"	"	Suryajay
	Maksudul Yadav	MWF	"	मोहम्मद यादव

Name & Signature of Trainer:

Amir Indrapur
Amir Indrapur

Annexure 12: Environmental Statement For the period October 2024 to March ,2025

(Submitted as per Rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22.04.1993-G.S.R. 386(E) in the Gazette of India (Extraordinary) Part-II Section-3 Subsection (i). No.155 dated 28.04.1993 by the Ministry of Environment and Forests, Government of India: read with the Notification dated 13.02.1993 G.S.R. 329 (E) of the Gazette of India (Extraordinary) Part-II Section-3 Subsection (i) No. 120 dated 13-03-1993)

"FORM - V"
(See Rule 14)

PART-A

GENERAL INFORMATION

1. Company Name: Hindustan Urvarak & Rasayan Limited
2. Occupier's Name: Hindustan Urvarak & Rasayan Limited
3. Registered Office of the Company: Core-4, 9th Floor, SCOPE Minar,
Laxmi Nagar District Centre, New Delhi - 110092,
Tel.: 011-22502267
4. Factory Address: Hindustan Urvarak & Rasayan Ltd. (HURL)
Admin Building, Fertilizer Township Gorakhpur
PO-Fertilizer Factory, Dist. - Gorakhpur-273007
Tel – 0551-2980206
5. Production capacity: Ammonia- 2200 MTPD
Urea-3850 MTPD
6. Establishment Year: Hindustan Urvarak & Rasayan Limited (HURL) was
Incorporated on 15th June, 2016 as joint venture
Company by CIL, NTPC, IOCL as the lead promoters with HFCL&CIL
7. Date of Last Environmental: May-2024.

Statement submitted

PART - B

Water and Raw Materials Consumption

1. Water consumption m³/day (Total Water Requirement)

Category	FY, 2024-2025(m ³ /day)	FY, 2023-2024 (m ³ /day)
Process	2295	3014
Cooling	12924	14328
Domestic	100	500

Water Consumption per MT of product Output

Name of Product	FY, 2024-2025 (m3/MT)	FY, 2023-2024 (m3/MT)
Urea	4.66	4.90

2. Raw Material Consumption

* Nature of consumption	Raw Material Consumption per MT of product		
	Name of product	FY, 2024-2025	FY, 2023-2024
Natural Gas SM ³ /MT of Urea	Urea	604.20	622.3

PART - C

3. Pollution discharged to environment/unit of output.
(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	NIL (Plant operated on ZLD Principle)	NA	NA
(b) Air	Details see in Annexure-I	Details see in Annexure-I	Within prescribed standards (24/8/1 hourly Avg.)

PART - D**HAZARDOUS WASTES**

(As specified under Hazardous Wastes/Management and Handling Rules 1989)

Hazardous Wastes	Total Quantity (kg)	
	FY, 2024-2025	FY, 2023-2024
(a) From process	91085 Kg	28960 kg
(b) From pollution control facilities	NIL	NIL

PART - E**SOLID WASTE**

SOLID WASTE	Total Quantity (Kg)	
	FY, 2024-2025	FY, 2023-2024
a) From process	84560 kg	28960 kg
b) From pollution control facilities	NIL	NIL
c) Quantity recycled or reutilized within the Unit.	NIL	NIL
d) Solid	-	-
e) Disposed	84560kg	30370kg

PART - F

4. Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Generation of Hazardous Waste

Category	FY, 2024-2025 Qty	FY, 2023-2024 Qty
Used/spent Oil	4525 Kg (5000Ltr)	NIL
Spent Catalyst	NIL	NIL
Process Sludge/ Oily contaminated residue, oily rags	2000 Kg	NIL
Empty Barrels/Containers/Liners Contaminated with Hazardous Chemicals/Wastes	NIL	NIL
Contaminated Cotton Rags or other Cleaning Materials	710 kg	1410 kg
Chemical Sludge from Waste Water Treatment	83675 Kg	28960 kg
Sludge from Treatment of Waste Water Arising out of Cleaning/Disposal of Barrels/Containers	-	-
Spent Ion Exchange Resin Containing Toxic Metals	NIL	NIL
Used filter	175Kg	NIL

[Signature]
2

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Smooth operation of Pollution abatement measures has resulted in following impact in conservation of Natural resources and the cost of production.

- Surface water and ambient air quality within the plant premises and also outside premise as per EC norms.
- Complete recycle of Ammonia and Urea Plant Process condensates after treatment in the plant itself resulting in recovery of Ammonia, CO₂ and Urea and also serves as water conservation measure.
- Complete recycle of Turbine and other steam condensates to conserve water and chemicals.
- Due to Natural Draft Prilling Tower, emission of Urea dust is very low, which conserves the natural resource and increases the production.
- Due to use of clean fuel and state-of-the-art technology, emissions are minimized.
- Proper schedule of preventive maintenance and centrifuging of oil on all critical machines is there to minimize used oil generation.

Reduction in Raw water consumption has been achieved by:

- Using surface drain water for Green Belt Development in different plant area like: Bagging, ETP & Cooling Towers by installing portable pumps.
- Push type cock valves for washbasins and sensor based flushing system in toilets.
- Recycling backwash water from sand filters to raw water reservoir in WTP plant.
- Reduction of power consumption by LED electrical lights in plants by installing timers.
- By proper collection of spilled urea & recycled back in process from different locations in bagging plant.
- Running of cooling towers on High cycle of concentration and reducing of water losses through blowdown.
- Installation of 150 KW Solar roof top system on CPP Substation completed.

PART - H

Additional measures/investment proposed for environmental protection including abatement of pollution, prevention of pollution.

- Plant will be based on zero discharge concept i.e. all effluent water will be treated and reused.
- Continuous monitoring of particulate matter, NO_x & SO_x from all stack, particulate matter and NH₃ from Prilling Tower will be done to control emission as per norms.
- Installation of gas detectors at different locations will be installed to check fugitive emissions.

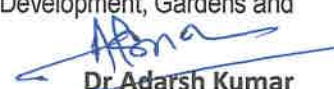
PART - I

Any other particulars in respect of environment protection and abatement of pollution.

The possible areas of resource conservation and the source of Pollutants are identified, assessed and subsequently proper arrangements for their control are incorporated. Some actions taken in direction to improve the quality of Environment at HURL are:

- HURL has a systematic procedure for safe collection and storage of spent lubricating oil. Centrifuges are provided to all machines to reduce the used oil generation. Oil drums are being stored in main concreted surface.
- HURL is adopting a systematic procedure for Collection & Segregation of Solid waste. Separate bins have been provided for metallic / non-metallic waste, Consumable /non -consumable waste thus resulting into a better management of the same.
- Continuous development of Flora & Fauna by tree plantation and Green Belt Development, Gardens and Landscaping.




Dr. Adarsh Kumar

Sr. Manager (E & QC)
Hindustan Urvarak & Rasayan Ltd. (HURL)
Admin Building, Fertilizer Township Gorakhpur
PO-Fertilizer Factory, Dist. - Gorakhpur-273007

Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

Location: Main Gate HURL

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	91.78	33.77	14.06	24.71	ND	ND	0.42	ND	20.33	ND	ND	ND
May	8	93.07	40.55	14.52	23.75	ND	ND	0.49	ND	20.63	ND	ND	ND
June	8	93.47	44.03	14.27	24.26	ND	ND	0.50	ND	20.57	ND	ND	ND
July	8	93.88	43.45	14.19	24.86	ND	ND	0.50	ND	20.04	ND	ND	ND
August	9	93.44	39.38	13.89	23.73	ND	ND	0.39	ND	28.92	ND	ND	ND
September	8	92.31	40.13	13.69	24.20	ND	ND	0.36	ND	26.42	ND	ND	ND
October	8	103.04	57.05	15.47	24.20	ND	ND	0.36	ND	26.42	ND	ND	ND
November	8	101.86	57.37	22.03	24.12	ND	ND	0.39	ND	28.16	ND	ND	ND
December	8	100.99	59.99	15.38	24.09	ND	ND	0.40	ND	27.49	ND	ND	ND
January	8	99.70	59.80	13.98	21.61	ND	ND	0.42	ND	26.60	ND	ND	ND
February	3	94.17	55.57	16.30	22.37	ND	ND	0.56	ND	23.43	ND	ND	ND
March	4	94.40	53.95	15.45	21.13	ND	ND	0.50	ND	23.15	ND	ND	ND
Min. Conc	88	91.78	33.77	13.69	21.13	-	-	0.36	-	20.04	-	-	-
Max. Conc		103.04	59.99	22.03	24.86	-	-	0.56	-	28.92	-	-	-
Avg		96.01	48.75	15.27	23.59	-	-	0.44	-	24.35	-	-	-
98 th Percentile		102.78	59.95	20.77	24.83	-	-	0.55	-	28.75	-	-	-

ND= NOT DETECTED



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Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

Location: Admin Building

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	92.79	40.69	14.18	24.00	ND	ND	0.47	ND	19.73	ND	ND	ND
May	8	93.62	43.08	14.07	24.49	ND	ND	0.46	ND	20.08	ND	ND	ND
June	8	92.94	42.15	13.40	24.22	ND	ND	0.45	ND	18.45	ND	ND	ND
July	8	95.23	43.52	12.77	23.41	ND	ND	0.42	ND	17.33	ND	ND	ND
August	9	93.27	41.22	14.03	24.47	ND	ND	0.37	ND	33.70	ND	ND	ND
September	8	86.41	36.92	13.07	22.21	ND	ND	0.36	ND	34.76	ND	ND	ND
October	8	101.70	52.33	13.93	23.70	ND	ND	0.39	ND	34.66	ND	ND	ND
November	8	104.59	60.30	15.03	25.48	ND	ND	0.44	ND	35.13	ND	ND	ND
December	8	102.17	61.53	15.80	24.45	ND	ND	0.41	ND	34.17	ND	ND	ND
January	8	102.13	59.85	17.19	25.94	ND	ND	0.40	ND	30.78	ND	ND	ND
February	3	94.57	55.73	15.40	24.27	ND	ND	0.54	ND	26.63	ND	ND	ND
March	4	94.80	57.28	15.85	22.50	ND	ND	0.38	ND	29.35	ND	ND	ND
Min. Conc.	88	86.41	36.92	12.77	22.21	-	-	0.36	-	17.33	-	-	-
Max. Conc.		104.59	61.53	17.19	25.94	-	-	0.54	-	35.13	-	-	-
Avg		96.19	49.55	14.56	24.10	-	-	0.42	-	27.90	-	-	-
98 th Percentile		104.06	61.26	16.90	25.84	-	-	0.52	-	35.05	-	-	-

ND= NOT DETECTED



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Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

Location: Residential Quarter B-28

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	91.72	35.72	14.28	24.46	ND	ND	0.45	ND	20.87	ND	ND	ND
May	8	92.94	44.06	13.89	24.01	ND	ND	0.42	ND	18.87	ND	ND	ND
June	8	95.07	43.18	13.08	23.78	ND	ND	0.44	ND	18.26	ND	ND	ND
July	8	94.77	43.65	13.18	24.42	ND	ND	0.44	ND	18.19	ND	ND	ND
August	9	83.04	32.23	13.65	22.11	ND	ND	0.26	ND	35.04	ND	ND	ND
September	8	82.35	35.76	14.28	22.63	ND	ND	0.32	ND	34.77	ND	ND	ND
October	8	96.05	45.84	15.94	24.32	ND	ND	0.52	ND	29.10	ND	ND	ND
November	8	99.64	55.13	23.25	23.76	ND	ND	0.50	ND	25.23	ND	ND	ND
December	8	92.88	60.26	22.19	31.66	ND	ND	0.44	ND	48.84	ND	ND	ND
January	8	92.90	51.02	21.77	28.35	ND	ND	0.45	ND	50.13	ND	ND	ND
February	3	93.80	53.60	19.87	25.03	ND	ND	0.56	ND	38.90	ND	ND	ND
March	4	90.58	46.85	22.75	26.60	ND	ND	0.35	ND	47.58	ND	ND	ND
Min. Conc	88	82.35	32.23	13.08	22.11	-	-	0.26	-	18.19	-	-	-
Max. Conc		99.64	60.26	23.25	31.66	-	-	0.56	-	50.13	-	-	-
Avg		92.15	45.61	17.34	25.09	-	-	0.43	-	32.15	-	-	-
98 th Percentile		98.85	59.13	23.14	30.93	-	-	0.55	-	49.85	-	-	-

ND= NOT DETECTED



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**Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur**

Period of Monitoring: Financial year April 2024 to March 2025

Location, D-186

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	92.48	34.41	13.88	24.08	ND	ND	0.44	ND	20.66	ND	ND	ND
May	8	93.22	37.15	14.56	24.04	ND	ND	0.39	ND	21.55	ND	ND	ND
June	8	95.02	37.56	14.66	24.39	ND	ND	0.38	ND	21.41	ND	ND	ND
July	8	95.88	38.98	15.03	24.38	ND	ND	0.42	ND	22.54	ND	ND	ND
August	9	83.83	34.4	12.18	21.05	ND	ND	0.35	ND	33.62	ND	ND	ND
September	8	90.06	40.29	13.8	23.24	ND	ND	0.37	ND	32.45	ND	ND	ND
October	8	96.27	46.18	16.72	26.81	ND	ND	0.36	ND	30.80	ND	ND	ND
November	8	99.99	53.49	17.36	26.75	ND	ND	0.45	ND	26.15	ND	ND	ND
December	8	93.24	48.00	17.07	28.36	ND	ND	0.43	ND	32.69	ND	ND	ND
January	8	92.90	51.94	20.66	24.87	ND	ND	0.43	ND	21.39	ND	ND	ND
February	3	90.73	50.00	17.40	22.07	ND	ND	0.52	ND	17.60	ND	ND	ND
March	4	88.90	49.00	20.23	24.83	ND	ND	0.54	ND	22.25	ND	ND	ND
Min. Conc	88	83.83	34.40	12.18	21.05	-	-	0.35	-	17.60	-	-	-
Max. Conc		99.99	53.49	20.66	28.36	-	-	0.54	-	33.62	-	-	-
Avg		92.71	43.45	16.13	24.57	-	-	0.42	-	25.26	-	-	-
98 th Percentile		99.17	53.15	20.57	28.02	-	-	0.54	-	33.42	-	-	-

ND= NOT DETECTED



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Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

Location: Rubber Dam

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	91.47	35.72	13.91	24.43	ND	ND	0.44	ND	22.05	ND	ND	ND
May	8	92.53	41.9	14.69	24.95	ND	ND	0.46	ND	21.27	ND	ND	ND
June	8	92.83	41.84	14.79	24.01	ND	ND	0.43	ND	22.18	ND	ND	ND
July	8	94.15	43.15	14.55	24.43	ND	ND	0.47	ND	22.98	ND	ND	ND
August	9	84.37	33.73	11.08	22.37	ND	ND	0.37	ND	24.54	ND	ND	ND
September	8	83.81	35.26	11.87	23.43	ND	ND	0.38	ND	24.38	ND	ND	ND
October	8	97.26	47.49	13.76	24.27	ND	ND	0.43	ND	24.48	ND	ND	ND
November	8	97.26	47.49	13.76	24.27	ND	ND	0.43	ND	24.48	ND	ND	ND
December	8	89.32	40.69	18.69	24.09	ND	ND	0.44	ND	27.57	ND	ND	ND
January	8	91.57	49.61	19.47	21.71	ND	ND	0.43	ND	27.36	ND	ND	ND
February	3	88.10	45.60	17.80	23.10	ND	ND	0.53	ND	24.37	ND	ND	ND
March	4	85.53	45.93	17.38	19.13	ND	ND	0.45	ND	26.88	ND	ND	ND
Min. Conc	88	83.81	33.73	11.08	19.13	-	-	0.37	-	21.27	-	-	-
Max. Conc		97.26	49.61	19.47	24.95	-	-	0.53	-	27.57	-	-	-
Avg		90.68	42.37	15.15	23.35	-	-	0.44	-	24.38	-	-	-
98 th Percentile		97.26	49.14	19.30	24.84	-	-	0.52	-	27.52	-	-	-

ND= NOT DETECTED



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Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

Location: Bargadwah

Month	No. Of Obs	Parameter											
		PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) pyrene (ng/m ³)	CO (mg/m ³)	NH ₃ (µg/m ³)	Ozone (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	Pb (µg/m ³)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
April	8	92.93	35.97	13.73	23.57	ND	ND	0.52	ND	21.72	ND	ND	ND
May	8	97.23	46.00	13.71	24.60	ND	ND	0.53	ND	20.56	ND	ND	ND
June	8	100.33	48.91	13.68	23.64	ND	ND	0.50	ND	19.00	ND	ND	ND
July	8	100.74	52.02	15.94	24.42	ND	ND	0.52	ND	20.14	ND	ND	ND
August	9	99.12	39.30	18.83	24.47	ND	ND	0.49	ND	34.08	ND	ND	ND
September	8	101.29	48.66	22.55	24.58	ND	ND	0.5	ND	32.98	ND	ND	ND
October	8	109.49	60.07	24.25	24.87	ND	ND	0.50	ND	34.83	ND	ND	ND
November	8	108.61	61.79	30.35	28.16	ND	ND	0.51	ND	34.83	ND	ND	ND
December	8	106.14	62.61	21.70	21.02	ND	ND	0.52	ND	37.87	ND	ND	ND
January	8	103.12	61.04	25.50	22.12	ND	ND	0.52	ND	40.20	ND	ND	ND
February	3	108.33	64.27	21.97	25.87	ND	ND	0.62	ND	34.3	ND	ND	ND
March	4	108.33	66.00	25.93	29.43	ND	ND	0.44	ND	34.15	ND	ND	ND
Min. Conc	88	92.93	35.97	13.68	21.02	-	-	0.44	-	19.00	-	-	-
Max. Conc		109.49	66.00	30.35	29.43	-	-	0.62	-	40.20	-	-	-
Avg		102.97	53.89	20.68	24.73	-	-	0.51	-	30.39	-	-	-
98 th Percentile		109.30	65.62	29.38	29.15	-	-	0.60	-	39.69	-	-	-

ND= NOT DETECTED



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Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2024 to March 2025

HURL GORAKHPUR, NOISE DATA (April 2024 to March 2025)

Month	Parameters	Prescribed Limits in db(A) as per NAAQS Ind./Res. Area	HURL Plant Main Gate (SA 1)	HURL admin Building (SA 2)	HURL Quarter No. B-28 (SA 3)	HURL Residence Quarter No. D-186 (SA 4)	Rubber Dam (SA 5)	Bargadwa Near Railway Crossing (SA 6)
April-2024	24 hrs. Avg Leq Value db (A)	-	51.54	51.26	50.88	51.74	50.47	61.41
	Day time Avg Leq Value db (A)	75/55/65	55.73	56.55	56.16	54.38	53.50	65.88
	Night time Avg Leq Value db (A)	70/45/55	47.43	45.85	46.46	48.29	46.12	57.17
May-2024	24 hrs. Avg Leq Value db (A)	-	52.40	52.39	50.36	49.66	48.52	60.25
	Day time Avg Leq Value db (A)	75/55/65	57.73	58.40	56.42	54.73	53.27	65.62
	Night time Avg Leq Value db (A)	70/45/55	48.09	46.68	45.45	45.70	45.33	55.82
June-2024	24 hrs. Avg Leq Value db (A)	-	50.87	53.31	49.78	47.25	47.65	58.47
	Day time Avg Leq Value db (A)	75/55/65	56.92	57.46	52.13	51.10	51.36	62.78
	Night time Avg Leq Value db (A)	70/45/55	47.70	47.07	47.12	44.76	44.54	53.25
July-2024	24 hrs. Avg Leq Value db (A)	-	51.88	50.15	48.66	48.26	46.58	57.56
	Day time Avg Leq Value db (A)	75/55/65	58.11	56.56	52.40	52.40	51.84	63.04
	Night time Avg Leq Value db (A)	70/45/55	45.27	45.64	45.06	45.38	43.69	53.87
August-2024	24 hrs. Avg Leq Value db (A)	-	53.66	50.89	49.57	48.96	48.12	56.79
	Day time Avg Leq Value db (A)	75/55/65	59.66	55.96	52.47	53.23	52.68	62.81
	Night time Avg Leq Value db (A)	70/45/55	45.87	45.64	46.07	45.39	44.09	53.94



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**Env. STATEMENT for CTO Yearly Compliance for the Period April 2024 – March 2025 for Ammonia –Urea
(2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur**

September-2024	24 hrs. Avg Leq Value db (A)	-	52.89	53.11	50.32	50.55	48.88	60.36
	Day time Avg Leq Value db (A)	75/55/65	57.83	58.49	56.40	54.64	53.34	65.64
	Night time Avg Leq Value db (A)	70/45/55	48.09	46.68	45.55	45.70	45.33	55.82
October-2024	24 hrs. Avg Leq Value db (A)	-	54.72	54.75	53.19	51.87	50.85	61.97
	Day time Avg Leq Value db (A)	75/55/65	58.01	58.50	56.34	54.82	53.75	65.12
	Night time Avg Leq Value db (A)	70/45/55	48.13	47.17	46.89	45.97	45.04	55.67
November-2024	24 hrs. Avg Leq Value db (A)	-	54.33	53.10	50.13	49.63	49.11	60.27
	Day time Avg Leq Value db (A)	75/55/65	57.86	56.96	52.77	51.83	51.91	63.01
	Night time Avg Leq Value db (A)	70/45/55	47.27	45.37	44.86	45.24	43.52	54.78
December-2024	24 hrs. Avg Leq Value db (A)	-	51.15	50.66	49.55	47.12	47.26	57.23
	Day time Avg Leq Value db (A)	75/55/65	57.15	57.69	52.55	51.21	51.66	62.72
	Night time Avg Leq Value db (A)	70/45/55	47.49	47.18	47.29	44.64	44.41	53.25
January-2025	24 hrs. Avg Leq Value db (A)	-	52.66	49.87	52.88	48.69	47.89	59.45
	Day time Avg Leq Value db (A)	75/55/65	56.72	55.33	55.91	53.90	52.80	63.45
	Night time Avg Leq Value db (A)	70/45/55	47.36	45.54	47.33	44.57	44.11	55.26
Average	24 hrs. Avg Leq Value db (A)	-	52.71	52.10	50.53	49.37	48.53	59.38
	Day time Avg Leq Value db (A)	75/55/65	57.57	57.19	54.36	53.22	52.61	64.01
	Night time Avg Leq Value db (A)	70/45/55	47.27	46.28	46.21	45.56	44.62	54.88



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