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, फर्टिलाइज़र, गोरखपुर-273 007 उ.प्र. भारत, दूरभाष : 0551-2261177
Office : Administrative Building, HURL Campus, Fertilizer, Gorakhpur - 273 007 U.P. India. Telefax : 0551-2261177

Ref. No.: HURL/GKP/24-25/ 3005

30th May 2024

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 2023 to March 2024 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, 2023 to March, 2024.

Best regards.
for Hindustan Urvarak and Rasayan Limited

Nitin

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, 2023 TO MARCH,2024

Submitted

TO

MOEF& CC, Regional Office (ECZ), Lucknow

AMMONIA UREA FERTILIZER PLANT

(2200 MTPD Ammonia &3850 MTPD Urea)

GORAKHPUR

May ,2024

हिंदुस्तान उर्वरक एवं रसायन लिमिटेड
HINDUSTAN URVARAK & RASAYAN LTD.
(A joint Venture of NTPC, CIL, IOCL, FCIL & HFCL)

Table of Contents

COMPLIANCE OF EC CONDITIONS FOR THE PERIOD OCTOBER, 2023 to MARCH 2024.

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.	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** **This point is complied and closed**
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/Nm3, and also the NATIONAL AMBIENT AIR QUALITY STANDARDS.	Pollution control devices are installed to control the particulate matter emissions & the results are within the norms. The Stack emission & AAQ analysis report is attached for ready reference in **Annexure-2**.
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.	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. **Please refer to Annexure-3.**
4	Plantation shall be carried out around the Chilwa Tal.	Quotation has been sought from the district forest office on 02/02/2024 to speed up the plantation work around chilwa tal. Due to non-availability of the quotation from forest department, plantation work is delayed around chilwa taal. Receiving letter is attached as **annexure-4.** A vide letter received **Ref no. IV/ENV/UP/Ind-146/427/2017 dated 02/05/2024** quoted it is also required to stabilized slope, of approach Road towards the NG station to water intake point by planting grasses/bush etc on priority basis. Road Construction work towards the NG station to water intake point is under progress PO & Pictures of the same are attached as **annexure-5.**
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	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 Raw water treatment plant.

	(Reduce, Reuse & Recycle) concept in the process.	
6	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.	Plantation work is under progress. Gorakhpur come under the sub-tropical area, so DFO plant native species tree having some pollution abatement properties. 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** A letter received from statutory authority letter no.75/सा-314/2023 which is directed to plant 25000 saplings and it must be carried out by Miyawaki method **annexure-7**. The plantation status of the saplings at HURL complex by Miyawaki method is mention below: I. 17500 saplings planted in Phase-II by Miyawaki method. **annexure-8** II. For Plantation of 9000 trees at HURL campus& 16000 trees near chilwa taal, Quotation received from District Forest office Gorakhpur. Tendering for the same are under progress. **annexure-9** Out of 130 acres, Approx.51 acres land has been developed as a green belt which is 39 % of the target project. After planting 9000 saplings in HURL campus& 16000 Saplings near chilwa taal, 56-acre land will be cover as a green belt which is 43% of the target project. Total 82 % land will be cover as a green belt in this financial year.
7	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	Water from Chilwa Tal is the only source of fresh water being used during operation of the Plant. This information is already submitted by vide letter no. HURL/GKP/22-23/02 dated 05/09/22, all bore wells had been defuncted/closed. 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. The dredging work completed and material is used for land filling in the nearby locality of Chilwa Taal. **This point is Complied and closed.**

8	All the commitments made during Public Hearing/Public Consultation meeting held on 24th April, 2017 shall be satisfactorily implemented and adequate budget provision should be made accordingly.	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. Sufficient budget is being provisioned to address timely allocated to full fill requirement.
9	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: a) Up-gradation of existing school with modern education facilities b) 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. c) Safe drinking water facility with RO plant in villages located within 3 Km radius of the plant with maintenance cost.	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. The following activities are under progress: **1-Development of a Model village at Sonbarsa, Gorakhpur.** 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: - ***Storm Water Drainage:*** Work was completed up to 2200 meters against the target of 2.2 km. Pond: A retaining and toe wall of approx. 175 meters has to be built. Approx. in 250 sq. feet of area, open Gym for Community, a walkway, and a recreation area will be built. * 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 in progress. ***School: Two story building including 4 rooms & Hall and toilet is in provision. One classroom will be a smart class.*** *Finishing work is in progress. 90% of the job is completed. Construction work on two floors is

		completed. Electrification and woodwork jobs are under progress. ***Panchayat Bhavan: Single-story building, One conference room with Two office rooms*** * Work is under progress.90% of finishing job is completed ***STP; 5KLD package plant*** · Site-identified, plot size found small against the requirement, hence new site identification is under progress. ***Solar Light: Approx. 260 solar lights are fixed in the village.*** *Drawing & designs have been handed over to the contractor and it has been approved by VC GDA. Poles and fitting are delivered at the Project site and installation of poles is undetr progress. The expected date of completion will be July 2024 **2-Creation of Health Infrastructure Paediatric Intensive Care Unit-PICU at 17 CHCs.** MoU signed between GDA & HURL. Work awarded to M/S Harsh Enterprises. Project implementation started in the 3rd week of Nov 2022. Project Cost 24.05 Crore. **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. **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. Meanwhile 02 CHC Jangal Kauria & Chargawan (Khuthan) operation and maintenance work for a year was completed, now its operation will be taken care by CHC and

		handing taking over formalities are under progress. Operation and Maintenance job for 12 CHC is going on. The expected date of completing the rest of the 03 CHCs will be July 2024 **3-Development of Ramgarh Taal- Facelift and Placemaking, District Gorakhpur.** MoU signed between GDA & HURL.LOA awarded to PMC. Project Cost 3.5 Crore. The implementing Agency is selected through the tendering process. Work order issued to M/S Universal Electrical and Smt. Reena Singh. A total of 95% work was completed. The remaining job of HURL Branding is completed and the remaining Placemaking component is replaced by view deck and tensile shade. Work is now completed. **4. Improvement/augmentation of education & related infrastructure in selected schools of Gorakhpur district including a Govt. district library** *20 Kasturba Gandhi Awasiya Balika Vidyalaya* * LOA issued to PWD Prantiya Khand and Nirman khand 3 Gorakhpur. * At 10 KGABV civil construction job is initiated & 20% job is completed *06 Government Schools and District Library* * LOA issued to PWD Prantiya Khand and Grameen Abhiyantran, Gorakhpur * Construction work has been initiated at all sites.
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.	A regular Environment and Quality Control Manager having Ph.D. qualification has been appointed to look after the activities of the proposed plant. **This point is complied and closed**
11	Continuous online (24 X 7) monitoring system for emissions and effluent generation shall be installed for flow/discharge measurement and	The installation of the continuous monitoring system has been done according to the CPCB guidelines. Plant data is uploaded on website 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.	can be viewed by the respective RO of MOEF& CC, CPCB and SPCB. **This point is complied and closed**
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.	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.
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**. A vide letter received **Ref no. IV/ENV/UP/Ind-146/427/2017 dated 02/05/2024** quoted it is required to create separate ventilated room for storage for Hazardous waste materials with proper labelling and handed over to authorized vendor on time to time. A separated ventilated room has been made for storing Hazardous waste. Hazardous waste is handed over to authorized vendor on time to time. Authorization obtained from UPPCB on dated 09/09/2021, for hazardous waste under Hazardous Waste Management Rules. **Ref.no.14826/UPPCB/Gorakhpur/(UPPCBRO)/ HWM/GORAKHPUR/2021**
15	Urea dust shall be controlled by prescribed standard technique.	**Complied with.**

Abna

		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. To prevent the emission of dust, construction of roads is under progress.A letter received from statutory authority letter no.695/सा-254/2022 which is directed to purchase an anti-smog gun to control dust emission. The machine is commissioned & taken in operation on daily basis. Letter, installation report & pictures are attached as **annexure-10**
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 information is already submitted by vide letter no. HURL/GKP/22-23/02 dated 05/09/22, All conditions has been complied during the designing of the buildings and rainwater harvesting system has been placed. Rain water Harvesting system is completed in main plant following buildings of the Ammonia-urea Plant (Picture are attached as **annexure-11**) 1) Central Control Room Building 2) ACT-UCT Substation Building 3) Labtech Building 4) GTG-CPP Substation Building 5)Ammonia Storage Tank Substation and Control Room Building 6) Switchyard Building 7) Ammonia-Urea Main Substation Building **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- **12(a)&(b).**
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	CSR activities will be undertaken by involving local villages and administration as per the

	conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	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 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MOEF& CC by-mail.	The Environment Statement for the financial year ending 31st March, 2023 in From-V has been submitted on time. Copy of the latest Environmental Statement 31st March,2024 is attached in **Annexure -13** 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.

Annexure- 1

Nitya Work for Quality

NITYA LABORATORIES

BUILDING & ROAD, MATERIAL, SOIL, ENVIRONMENTAL & CALIBRATION TESTING LAB

NITYA LABORATORIES
43, Sector-A1 Ext., Bhalla Enclave, Chann
Himmat, Jammu-180 015, J&K (UT), India
+91-191-2465597
info@nityalab.com www.nityalab.cor

Test Report

Issued To **M/s Hindustan Urvarak & Rasayan Limited**
Gorakhpur Manufacturing Unit, HURL
Gorakhpur, Unit-1, Administrative Building
HURL Campus, Fertilizer, Gorakhpur City
Uttar Pradesh-273 007, India

ULR No.: TC636624000002400F
Test Report Date: 30/03/2024

Sample Particulars:

Nature of the Sample	:	EDG Stack Gas Emission
Date of Sampling	:	22/03/2024
Sample Collected by	:	Mr. Sumeet
Sample Received at Lab	:	25/03/2024
Test Started On	:	25/03/2024
Test Completed On	:	30/03/2024
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	:	160
Ambient Air Temperature °C	:	32
Flue Gas Velocity (m/s)	:	35.23

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Particulate Matter, (as PM)	mg/Nm³	29.6	75	IS:11255 (P-1)

Remark
*Limits @ 85% Load and 15% O_2 Correction
** Results at full load and 15% O_2 Correction

NITYA LABORATORIES AUTHORISED

(AUTHORISED SIGNATORY)
(RAVINDER MITTAL)

CORPORATE OFFICE & CENTRAL LABORATORIES :-
PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDIA
+91-129-2241021 +91-9013591021, +91-9013552273 labsnitya@gmail.com www.nityalab.com

Annexure-I

Nitya Work for Quality

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Gorakhpur Manufacturing Unit, HURL
Gorakhpur, Unit-1, Administrative Building
HURL Campus, Fertilizer, Gorakhpur City
Uttar Pradesh-273 007, India

Test Report No.: 202403220121
Test Report Date: 30/03/2024

Sample Particulars:

Nature of the Sample	:	EDG Stack Gas Emission
Date of Sampling	:	22/03/2024
Sample Collected by	:	Mr. Sumeet
Sample Received at Lab	:	25/03/2024
Test Started On	:	25/03/2024
Test Completed On	:	30/03/2024
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	:	160
Ambient Air Temperature °C	:	32
Flue Gas Velocity (m/s)	:	35.23

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Oxides of Nitrogen (NO_x)	ppmv	210	710	IS:11255 (P-7)
2	Non Methyl Hydrocarbon (NMHC)	mg/Nm³	10	100	By GC Method
3	Carbon Mono Oxide (CO)	mg/Nm³	42	150	USEPA Method No. 10

Remark:
*Limite @ 85% Load and 15% O_2 Correction.
** Results at full load and 15% O_2 Correction.

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Annexure-I

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ULR No.: TC636624000002401F
Test Report Date: 30/03/2024

Sample Particulars:

Nature of the Sample	:	EDG Stack Gas Emission
Date of Sampling	:	22/03/2024
Sample Collected by	:	Mr. Sumeet
Sample Received at Lab	:	25/03/2024
Test Started On	:	25/03/2024
Test Completed On	:	30/03/2024
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	:	152
Ambient Air Temperature °C	:	32
Flue Gas Velocity (m/s)	:	34.0

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Particulate Matter, (as PM)	mg/Nm^3	22.4	75	IS:11255 (P-1)

Remark:
*Limits @ 85% Load and 15% O_2 Correction
** Results at full load and 15% O_2 Correction

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Annexure-I

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HURL Campus, Fertilizer, Gorakhpur City
Uttar Pradesh-273 007, India

Test Report No.: 202403220122
Test Report Date: 30/03/2024

Sample Particulars:

Nature of the Sample	:	EDG Stack Gas Emission
Date of Sampling	:	22/03/2024
Sample Collected by	:	Mr. Sumeet
Sample Received at Lab	:	25/03/2024
Test Started On	:	25/03/2024
Test Completed On	:	30/03/2024
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	:	152
Ambient Air Temperature °C	:	32
Flue Gas Velocity (m/s)	:	34.0

Analysis Report

Sr. No.	Parameters	Unit	Test Results	CPCB Limit	Test Method
1	Oxides of Nitrogen (NO_x)	ppmv	180	710	IS:11255 (P-7)
2	Non Methyl Hydrocarbon (NMHC)	mg/Nm³	8.0	100	By GC Method
3	Carbon Mono Oxide (CO)	mg/Nm³	36.0	150	USEPA Method No. 10

Remark:
*Limits @ 85% Load and 15% O_2 Correction.
** Results at full load and 15% O_2 Correction.

NITYA LABORATORIES AUTHORISED

(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

CORPORATE OFFICE & CENTRAL LABORATORIES :-
PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDIA
+91-129-2241021 +91-9013591021, +91-9013552273 labsnitya@gmail.com www.nityalab.com

Annexure-2

Nitya Work for Quality

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Himmat, Jammu-180 015, J&K (UT), In
+91-191-2465597
info@nityalab.com www.nityalab.

Test Report

Issued To **M/s Hindustan Urvarak & Rasayan Limited**
Gorakhpur Manufacturing Unit, HURL
Gorakhpur, Unit-1, Administrative Building
HURL Campus, Fertilizer, Gorakhpur City
Uttar Pradesh-273 007, India

ULR No.: TC636624000002399F
Test Report Date: 30/03/2024

Sample Particulars:

Nature of the Sample	:	Stack Gas Emission
Date of Sampling	:	21/03/2024
Sample Received at Lab	:	25/03/2024
Test Started On	:	25/03/2024
Test Completed On	:	30/03/2024
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
Height from Ground Level (m)	:	149.2
Diameter of the Prill Tower(m)	:	28
Sampling Duration (min)	:	40

Observations:

Flue Gas Temperature °C	:	58
Ambient Air Temperature °C	:	30
Flue Gas Velocity (m/s)	:	6.9

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Test Method
1	Particulate Matter, (as PM)	mg/Nm^3	47.4	IS:11255 (P-1)

TC-6366

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Annexure-1

Env. STATEMENT for CTO Compliance for the period October 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

This Compliance Report is the fulfillments of the condition of the Environmental Clearance (EC) vide File No.EC [IA/UP/IND2/54269/2016, J-11011/166/2016-IA II (I)] for the period of October 2023 to March 2024 This report has been prepared by Nitya Laboratories by collecting respective samples in consultation with the State Pollution Control Board (SPCB) officials and Hindustan Urvarak and Rasayan Limited (HURL) officials During the above mentioned period the analysis of the environmental parameters has been conducted by the MOEF&CC recognized Laboratory at Nitya Laboratories, Jammu .

The proposed project is located at Gorakhpur and was commissioned on 07 December 2021 with the capacity of 2200MTPD Ammonia and 3850MTPD Urea in the District Gorakhpur in the state of Uttar Pradesh. The commercial production has started from 02 May 2022.The area falls in the agricultural belt of the Uttar Pradesh.

The compliance report fulfils the 15 No's of Specific Conditions and 17 Nos. of General Conditions led by Ministry of Environment, Forests and Climate Change Rainwater Harvesting and Ground Water charging has been proposed as per Standard Guidelines:

- Guidelines on Artificial Recharge of Water, Central Water Ground Board, Ministry of Water Resources, GoI (2000)
- Manual on Artificial Recharge of Ground Water, Central Water Ground Board, Ministry of Water Resources, GoI (2007)
- Rain Water Harvesting and Conservation Manual Consultancy Services Organization, CPWD, GoI (2002)

The Environmental Monitoring report of 6 months w.r.t Air. Water and Noise have been presented separately with the average values. The environmental conditions and the compliance have been found normal as per the Standards. The Air Quality results have been presented through a self-explanatory table with the NAAQ Standards w.r.t the parameter PM_{10}, $PM_{2.5}$, NO_x. So_x, C_6H_6, CO, Benzo(a) pyrene (BAP), NH3, Ozone, Nickel, Arsenic and Lead. Three sets each of Ground Water Samples and Surface Water Samples have been collected, analyzed in a self-explanatory table, and compared with Drinking Water Standards (IS:10500:2012) The analysis consists of eight nos. of physical parameters, thirteen no's of chemical parameters, nine no's of Heavy metals and three no's of miscellaneous parameters. Noise Quality has also been measured at six different locations in the periphery of the project area. The results have been presented through self-explanatory table consisting of the Standard NAAQS w.r.t noise.

The above report with respect to Air, Water and Noise represents the average values of different sampling stations collected at different time during the study period of October 2023 to March 2024.

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Annexure-2

Env. STATEMENT for CTO Compliance for the period October 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

HURL GORAKHPUR, AIR QUALITY DATA – (October 2023 to March 2024)

Month	Parameters		NAAQS Standards	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)
October 2023	PM10	µg/m³	100	83.71	92.05	82.33	82.90	83.54	89.77
	PM2.5		60	28.73	30.3	24.77	23.48	25.12	30.67
	SO_2		80	16.55	17.92	16.05	15.80	15.5	17.23
	NO_x		80	26.43	25.89	24.05	25.82	24.16	25.32
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.72	0.71	0.38	0.33	0.67	0.71
	NH_3	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		180	27.38	31.58	24.18	23.88	23.39	30.91
	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 2023	PM10	µg/m³	100	91.98	92.74	82.36	80.87	83.37	92.20
	PM2.5		60	34.22	32.32	25.30	24.60	25.64	30.69
	SO_2		80	14.73	16.67	16.53	16.41	16.47	17.31
	NO_x		80	24.50	25.89	26.64	25.64	25.3	27.21
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.64	0.63	0.38	0.32	0.61	0.67
	NH_3	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		180	24.61	30.16	23.12	23.26	23.03	27.65
	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-2

Env. STATEMENT for CTO Compliance for the period October 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

December 2023	PM10	µg/m3	100	90.90	98.19	88.61	89.14	88.77	109.94
	PM2.5		60	40.67	44.66	32.83	29.27	32.44	59.11
	SO2		80	15.29	15.42	14.80	16.18	14.88	16.29
	NOx		80	25.68	25.28	25.19	26.81	26.14	25.88
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.61	0.63	0.40	0.36	0.55	0.62
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	23.60	27.82	27.17	24.00	23.03	27.74
	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
January 2024	PM10	µg/m3	100	93.31	94.18	90.15	89.54	91.71	103.29
	PM2.5		60	48.37	40.36	34.08	33.88	36.71	57.55
	SO2		80	14.27	15.05	14.86	14.66	15.16	14.46
	NOx		80	25.10	25.25	25.03	25.16	26.44	26.14
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.49	0.61	0.52	0.32	0.46	0.50
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	23.97	22.52	22.86	20.08	22.81	20.34
	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
February 2024	PM10	µg/m3	100	92.38	94.16	91.71	90.59	91.43	103.14
	PM2.5		60	38.18	49.73	40.91	38.06	37.23	54.12
	SO2		80	14.68	14.24	14.42	14.07	14.11	14.48
	NOx		80	24.54	24.38	24.34	24.29	24.37	25.13
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.45	0.53	0.48	0.42	0.44	0.49
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	18.05	20.49	21.75	20.00	20.44	20.11

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	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
March 2024	PM10	µg/m3	100	91.91	92.83	92.12	91.99	92.87	93.43
	PM2.5		60	39.02	38.45	41.68	36.33	38.99	40.19
	SO2		80	13.41	14.19	13.68	14.59	13.51	13.88
	NOx		80	24.00	24.54	24.48	24.72	24.34	23.98
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.45	0.46	0.44	0.38	0.48	0.49
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	19.61	20.06	18.25	20.66	20.36	19.41
	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**	**90.70**	**94.03**	**87.88**	**87.51**	**88.62**	**98.63**
	PM2.5		**60**	**38.20**	**39.30**	**33.26**	**30.94**	**32.69**	**45.39**
	SO2		**80**	**14.82**	**15.58**	**15.06**	**15.29**	**14.94**	**15.61**
	NOx		**80**	**25.04**	**25.21**	**24.96**	**25.41**	**25.13**	**25.61**
	C6H6		**5**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	BAP	**ng/m3**	**1**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	CO	**mg/m3**	**2**	**0.56**	**0.60**	**0.43**	**0.36**	**0.54**	**0.58**
	NH3	**µg/m3**	**400**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	Ozone		**180**	**22.87**	**25.44**	**22.89**	**21.98**	**22.18**	**24.36**
	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-1

Env. STATEMENT for CTO Compliance for the period October 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

HURL GORAKHPUR, NOISE DATA (October 2023 to March 2024)								
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)
Octoer-2023	24 hrs. Avg Leq Value db (A)	-	53.40	53.96	49.28	48.09	48.28	58.66
	Day time Avg Leq Value db (A)	75/55/65	56.91	58.12	52.18	50.56	50.86	61.46
	Night time Avg Leq Value db (A)	70/45/55	46.36	45.64	43.48	43.13	43.14	53.08
November-2023	24 hrs. Avg Leq Value db (A)	-	53.50	53.64	49.07	48.99	48.96	59.51
	Day time Avg Leq Value db (A)	75/55/65	57.26	57.83	51.76	51.14	51.19	62.69
	Night time Avg Leq Value db (A)	70/45/55	45.99	45.25	43.68	44.70	44.49	53.13
December-2023	24 hrs. Avg Leq Value db (A)	-	53.14	53.10	50.17	49.63	49.07	59.69
	Day time Avg Leq Value db (A)	75/55/65	57.26	56.96	52.82	51.83	51.84	63.01
	Night time Avg Leq Value db (A)	70/45/55	44.89	45.37	44.86	45.24	43.52	53.04
January-2024	24 hrs. Avg Leq Value db (A)	-	52.95	52.92	50.15	49.77	49.12	60.11
	Day time Avg Leq Value db (A)	75/55/65	56.97	56.67	52.80	51.91	51.90	63.26

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	Night time Avg Leq Value db (A)	70/45/55	44.91	45.42	44.84	45.50	43.55	53.83
February-2024	24 hrs. Avg Leq Value db (A)	-	52.92	52.98	50.10	50.41	49.58	60.49
	Day time Avg Leq Value db (A)	75/55/65	56.63	56.78	52.81	52.46	52.26	63.45
	Night time Avg Leq Value db (A)	70/45/55	45.49	45.38	44.68	46.31	44.21	54.58
March-2024	24 hrs. Avg Leq Value db (A)	-	53.72	54.30	51.91	51.24	50.55	62.43
	Day time Avg Leq Value db (A)	75/55/65	56.82	58.38	55.08	53.41	53.20	64.89
	Night time Avg Leq Value db (A)	70/45/55	47.53	46.12	45.57	46.89	45.26	57.49
Average	**24 hrs. Avg Leq Value db (A)**	**-**	**53.20**	**53.40**	**50.72**	**50.47**	**49.75**	**61.01**
	Day time Avg Leq Value db (A)	**75/55/65**	**56.81**	**57.28**	**53.56**	**52.59**	**52.45**	**63.87**
	Night time Avg Leq Value db (A)	**70/45/55**	**45.98**	**45.64**	**45.03**	**46.23**	**44.34**	**55.30**

NITYA LABORATORIES AUTHORISED

Annexure 3_Deed Between HURL & Nagar Nigam Gorakhpur 9293/20

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

रु.5000 पाँच हजार रुपये

Rs.5000 FIVE THOUSAND RUPEES

सत्यमेव जयते

INDIA

A.T.O./T.O./C.T.O. C.C. 24 JUN

उत्तर प्रदेश UTTAR PRADESH

DD 958672

पट्टा विलेख

वार्षिक किराया **मु0 10000=00** प्रतिवर्ष प्रति हेक्टेयर

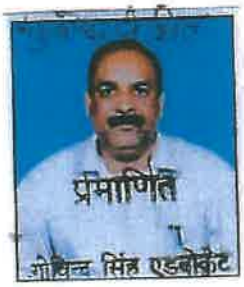
औसत वार्षिक किराया (मु0 10,000=00 प्रतिवर्ष X 7.745 हेक्टेयर)= मु0 77450=00

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 निरीक्षक
नगर निगम, गो०प०

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

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हिन्दुस्तान उर्वरक एवं रसायन लि० गोरखपुर (यूनिट गोरखपुर)
जरिए सुभाष दीक्षित मार्फत प्रबन्धक

दिनेश कुमार मित्र स्टाम्प विक्रेता
ला०नं० 117
कलेक्ट्रेट, गोरखपुर

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

रु.5000 Rs.5000

पाँच हजार रुपये FIVE THOUSAND RUPEES

सत्यमेव जयते

INDIA

24 JUN 2024

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 नं0–1, 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।

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

राजस्व निरीक्षक
नगर निगम, गोरखपुर

5000
33
29.6.2020

हिन्दुस्तान उर्वरक एवं रसायन लि० गोरखपुर यूनिट गोरखपुर
जारिए प्रयोग दीक्षित कोल प्रकाशक

AJAY KUMAR STAMP VENDER
L.No. 44
Collectry Gorakhpur

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

रु.5000 Rs.5000

पाँच हज़ार रुपये FIVE THOUSAND RUPEES

सत्यमेव जयते

INDIA

उत्तर प्रदेश UTTAR PRADESH

DD 958638

(3)

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
वरिष्ठ प्रबन्धक
Sr. Manager
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur

5000
34
29.6.2020

लो० नं० 33.

AJAY KUMAR STAMP VENDER
L.NO. 44
Collectry-Gorakhpur

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

सत्यमेव जयते

INDIA

A.T.O./T.O./C.T.O

15 JUN 2020

कोषागार, गोरखपुर

उत्तर प्रदेश UTTAR PRADESH

BK 325757

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 नही हो पाता है तो उसके पूर्ति का दायित्व किसी भी दशा में प्रथम पक्ष का नही होगा।

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

1000
35
29-6-2020

लो० नं० 33.

AJAY KUMAR STAMP VENDER
L.No. 44
Collectry-Gorakhpur

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

सत्यमेव जयते

INDIA

A.T.O./T.O./C.T.O.

15 JUN 2020

कोषागार, गोरखपुर

उत्तर प्रदेश UTTAR PRADESH

BK 325758

3– यह कि ग्राम–जंगल बेनी माधव नं0–1, स्थित ताल (सम्पत्ति नगर निगम) आराजी संख्या–706/258, रकबा–19.14 एकड़ यानी 7.745 हेक्टेयर का लगान रूपया 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।

राजस्व निरीक्षक
नगर निगम, गोरखपुर

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

1000
36
29.6.2020

सा० न० 33

AJAY KUMAR STAMP VENDER
L.No. 44
Collectry-Gorakhpur

भारतीय गैर न्यायिक INDIA NON JUDICIAL

भारत

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

सत्यमेव जयते

INDIA

A.T.O./T.O./C.T.O.

15 JUN 2020

उत्तर प्रदेश UTTAR PRADESH

BK 325759

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 लिऐ, 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।

राजस्व निरीक्षक
नगर निगम, गोरखपुर

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

1000
37
29.6.2020

সাং নং 33.

SANJAY KUMAR STAMP VENDOR
L.No.

भारतीय गैर न्यायिक

भारत INDIA

रु. 500 FIVE HUNDRED RUPEES

पाँच सौ रुपये Rs. 500

सत्यमेव जयते

INDIA NON JUDICIAL

24 JUN 2020

उत्तर प्रदेश UTTAR PRADESH

AE 412425

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।

राजस्व निरीक्षक
नगर निगम, गोरखपुर

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

6/29/2020

500 सा०नं० 33.
30
29 अभिलेख सं० 2020000950014524

पट्टा विलेख/ कबूलियतनामा

JAI KUMAR STAMP VENDER L.No. 44 Collectrate Gorakhpur

बही स०: 1 रजिस्ट्रेशन स०: 4293 2020

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 वरिष्ठ प्रबन्धक द्वारा सुबोध दीक्षित अधिकृत पदाधिकारी/ प्रतिनिधि

ने यह लेखपत्र इस कार्यालय में दिनाँक 29/06/2020
एवं 04:12:12 PM बजे
निबंधन हेतु पेश किया।

10163

रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

योगेन्द्र प्रताप सिंह
उप निबंधक :सदर प्रथम
गोरखपुर
29/06/2020

श्री दिनेश शाही
निबंधक लिपिक

भारतीय गैर न्यायिक

भारत

पचास रुपये रु.50

FIFTY RUPEES Rs.50

सत्यमेव जयते

INDIA

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

CC 269185

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।

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

राजस्व निरीक्षक

6/29/2020

38
39
29.6.2020

तालिका 33.

आवेदन सं०: 202000950014524

बही स०: 1 रजिस्ट्रेशन स०: 4293 वर्ष: 2020

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

पट्टा दाता: 1

JAY KUMAR STAMP VENDER L.No. 44 Gorakhpur

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-दुघरा, 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 । प्रत्यक्षत:भद्र साक्षियों के निशान अंगूठे नियमानुसार लिए गए है ।

टिप्पणी :

योगेन्द्र प्रताप सिंह
उप निबंधक : सदर प्रथम
गोरखपुर

श्री दिनेश शाही
निबंधक लिपिक

भारतीय गैर न्यायिक

भारत

पचास रुपये रु.50

FIFTY RUPEES Rs.50

सत्यमेव जयते

INDIA

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

CC 269218

हस्ताक्षर प्रथम पक्ष

(9)

हस्ताक्षर द्वितीय पक्ष

राजस्व निरीक्षक
राजस्व निरीक्षक गोरखपुर

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

साक्षीगण:–

1– अतुल कुमार S/o सुबाष चन्द्र राय
मा० दुधरा पो० बनियाबारी
खलीलाबाद, सन्त कबीर नगर

2– राज नारायण पाण्डेय S/o रामकृष्ण पाण्डेय
ग्रा० रामपुर चक्क पो० मानीराम
गोरखपुर

प्रारूपकर्ता

(गोविन्द सिंह)
एडवोकेट
कलेक्ट्री कचहरी, गोरखपुर

स्थान–गोरखपुर
दिनांक–29.06.2020

38
40
29/6/2020

सा० नं० 33

आवेदन सं०: 202000950014524

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

रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

योगेन्द्र प्रताप सिंह
उप निबंधक : सदर प्रथम
गोरखपुर
29/06/2020

Annexure-4

हिंदुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HINDUSTAN URVARAK & RASAYAN LTD., GORAKHUR
(A Joint Venture of NTPC, CIL, IOCL, FCIL &HFCL)
कार्यालय: प्रशासनिक भवन, एच. यू. आर. एल. कैंपस, फ़र्टिलाइज़र, गोरखपुर-273015 उ.प्र. भारत
Office: Administrative Building, HURL Campus, Fertilizer, Gorakhpur-273015 U.P. India-Telefax-0551-2222261177

Ref: HURL/GKP/E&QC/24-25/0202

Date: 02/02/2024

सेवा में,

श्रीमान् प्रभागीय वनाधिकारी,
गोरखपुर

विषय- हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (HURL), गोरखपुर में वृक्षारोपण कार्य हेतू

महोदय,

MoEF&CC के निर्देशानुसार, (MoEF & CC File No. J-11011/166/2016-IA II (I) dated 31/07/2017, विशिष्ट शर्तें क्रमांक 6) हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (HURL), गोरखपुर प्लांट परिसर में पर्यावरण हितार्थ पौधों का वृक्षारोपण किया जाना है, वन कार्यालय से प्राप्त पत्र के अनुसार (पत्र संख्या 5430/29-1 दिनांक 11/05/ 2022) I वर्तमान में HURL प्लांट परिसर के रिक्त भूभाग में चिलवा ताल के निकट वृक्षारोपण सम्बंधित कार्य आपके विभाग के सहयोग से प्रगति की ओर अग्रसर है एवं इसी क्रम में HURL प्लांट परिसर में वृक्ष/पौधों के वृक्षारोपण हेतू पेड़ों की कुल संख्या, भाव की लागत के साथ, पूर्ण क्षेत्र में घेराबंदी की लागत, 4 वर्ष तक पौधों का रखरखाव आपके विभाग से निम्नवत प्राक्कलन वांछित है :

क्रम सं०	विवरण	क्षेत्र	वृक्षारोपण हेतू वांछित प्रजाति	कुल पौधों की संख्या
1.	HURL प्लांट परिसर में पौधों (वृक्ष) के वृक्षारोपण हेतू	800 मीटर X100 मीटर	विभिन्न देशी प्रजाति के चौड़ी पत्ती वाले पौधे (वृक्ष)	15000,

अतः श्रीमान् से निवेदित है कि उपरोक्त विवरण के अनुसार वृक्षारोपण हेतू प्राक्कलन उपलब्ध करवाने की कृपा की जाय।

Recd 2.2.24

भवदीय

डॉ आदर्श कुमार
प्रबन्धक (पर्यावरण और गुणवत्ता नियंत्रण)
हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (HURL)
गोरखपुर

Annexure-4

हिंदुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HINDUSTAN URVARAK & RASAYAN LTD., GORAKHUR
(A Joint Venture of NTPC, CIL, IOCL, FCIL &HFCL)
कार्यालय: प्रशासनिक भवन, एच. यू. आर. यल. कैंपस, फ़र्टिलाइज़र, गोरखपुर-273015 उ.प्र. भारत
Office: Administrative Building, HURL Campus, Fertilizer, Gorakhpur-273015 U.P. India-Telefax-0551-2222261177

Ref: HURL/GKP/E&QC/24-25/0805

Date:08/05/2024

सेवा में,

श्रीमान् प्रभागीय वनाधिकारी,

गोरखपुर

विषय- हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (HURL), गोरखपुर में वृक्षारोपण कार्य हेतू,

महोदय,

MoEF&CC के निर्देशानुसार, (MoEF & CC File No. J-11011/166/2016-1A II (1) dated 31/07/2017, विशिष्ट शर्ते क्रमांक 6) हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (HURL), गोरखपुर प्लांट परिसर में पर्यावरण हितार्थ पौधों का वृक्षारोपण किया जाना है, वन कार्यालय से प्राप्त पत्र के अनुसार (पत्र संख्या 5430/29-1 दिनांक-11/05/2022)। वर्तमान में HURL प्लांट परिसर के रिक्त भूभाग में चिलवा ताल के निकट वृक्षारोपण सम्बंधित कार्य आपके विभाग के सहयोग से प्रगति की ओर अग्रसर है एवं इसी क्रम में HURL प्लांट परिसर में वृक्ष/पौधों के वृक्षारोपण हेतू पेडों की कुल संख्या, भाव की लागत के साथ, पूर्ण क्षेत्र में घेराबंदी की लागत, 4 वर्ष तक पौधों का रखरखाव आपके विभाग से निम्नवत प्राक्कलन वांछित है:

क्रमस	विवरण	क्षेत्र	वृक्षारोपण हेतू वांछित प्रजाति	कुल पौधों की संख्या
1.	HURL प्लांट परिसर में पौधों (वृक्ष) के वृक्षारोपण हेतु	800 मीटर x100 मीटर	विभिन्न देशी प्रजाति के चौड़ी पत्ती वाले पौधे (वृक्ष)	15000

अतः श्रीमान् से निवेदित है कि उपरोक्त विवरण के अनुसार वृक्षारोपण हेतू प्राक्कलन उपलब्ध करवाने की कृपा की जाय।

Received
8/5/2024

आदर्श कुमार
गुणवत्ता नियंत्रण
Adarsh Kumar
(E & QC)
रसायन लिमिटेड, गोरखपुर
Gorakhpur

भवदीय

8/5/24 डॉ. आदर्श कुमार
प्रबन्धक (पर्यावरण और गुणवत्ता नियंत्रण)
हिंदुस्तान उर्वरक एवं रसायन लिमिटेड(HURL) गोरखपुर

Road Construction (Annexure-5)

Annexure-1

Hindustan Urvarak & Rasayan Limited.

Gorakhpur Manufacturing Unit, HURL Gorakhpur Unit-1, Administrative Building,
Hurl Campus, Fertilizer, Gorakhpur, City : Gorakhpur, Pin : 273007
Uttar Pradesh
GSTIN : 09AADCH9368N1ZQ

Service Purchase Order

Purchase Order No. : 6000001913 **Po Date :** 06.03.2024

Vendor Name & Address :
M/S VIDYA SINGH
BLOCK S SECTOR 4 FLAT NO. ST
402 SATLAJ APARTMENT GOMTI
GOMTI NAGAR LUCKNOW ,226010

Vendor Code : 1300910
P.Org : 1003 Service Domestic

PAN No. : IPYPS3061C
GSTIN No. : 09IPYPS3061C1Z9
Amendment:-

Subject : Service Contract for construction of Bitumen Road at HURL, Gorakhpur.

NIT No : H/G/C< (> &<)> M/23-24/C-426/TE-810

Your Offer No :

Your Reference :

Our Reference : C-426, PR No. 3000001187

Dear Sir,
M/s VIDYA SINGH

Thanking You ,

For & On behalf Of Hindustan Urvarak Rasayan Limited.

DURGESH KUMAR SINGH
Digitally signed by DURGESH KUMAR SINGH
Date: 2024.03.08 18:10:06 +05'30'

Enclosures :

Registered Office Address:
Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi, 110092,Tel:01122502267, Delhi, India
GSTIN : 07AADCH9368N1ZU

(Bill of Quantity)

Name of Work : Service Contract for construction of Bitumen Road at HURL, Gorakhpur.

Invoicing Party Address
M/S VIDYA SINGH
BLOCK S SECTOR 4 FLAT NO. ST 402 SATLAJ
APARTMENT GOMTI , , GOMTI NAGAR LUCKNOW
226010

PAN No. : IPYPS3061C
GSTIN No. : 09IPYPS3061C1Z9
State : Uttar Pradesh

SL No.	Code	Description	UOM	Quantity	Net Price	Amount
10		New Construction of Bitumen Road	AU	1.00	171076386.25	201870135.77
10.10		A1.Clearing jungle including uprooting	M2	12000.00	14.50	174000.00
10.20		A.2 a) Earth work in excavation	Cum	12000.00	205.45	2465400.00
10.30		A.3 preparation of subgrade	M2	12000.00	180.50	2166000.00
10.40		A.4 Supply and staking 90 mm	Cum	3000.00	3000.00	9000000.00
10.50		A.5 Providing and laying wet mix	Cum	8000.00	3000.00	24000000.00
10.60		A.6 a) providing WBM 0.4	M2	70000.00	16.35	1144500.00
10.70		A.6 b) providing bitumen surface	M2	70000.00	10.85	759500.00
10.80		A.7 a) providing and laying bituminous	Cum	6000.00	9960.00	59760000.00
10.90		A.8 a)providing bituminous concrete 40/5	Cum	3200.00	10750.00	34400000.00
10.100		A.9 a)supply stacking 6mm bajri	M2	3000.00	21.80	65400.00
10.110		A.10 proving and applying 2.5mm thick	M2	3000.00	623.80	1871400.00
10.120		A.11 a)Manufacturing 900mm dia	EA	15.00	5745.95	86189.25
10.130		A.11 b) Manufacturing cautionery/warning	EA	10.00	4209.20	42092.00
10.140		A.12 a)proving factory made chamfer edge	M2	4000.00	932.35	3729400.00
10.150		A.13) providing kerb stone	Cum	3000.00	8613.55	25840650.00
10.160		A.14 a) cutting Road wmm	Cum	2000.00	2592.80	5185600.00
10.170		A.15 Collection of scrap	MT	10.00	993.00	9930.00
10.180		A.16 a) dismantling WBM road	M2	500.00	179.65	89825.00
10.190		A.16 b) dismantling Bitumen road	M2	500.00	353.65	176825.00
10.200		A.17 Disposal of moorum	Cum	500.00	219.35	109675.00

Total Net Amount in INR: 171076386.25
Total GST Amount in INR:30793749.52
CGST Rate % :9
CGST Amount in INR: 15396874.76
SGST Rate %: 9
SGST Amount in INR: 15396874.76

Registered Office Address:
Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi, 110092,Tel:01122502267, Delhi, India
GSTIN : 07AADCH9368N1ZU

SL No.	Code	Description	UOM	Quantity	Net Price	Amount

Total Value : 201870135.77
Delivery / Address
Gorakhpur Manufacturing Unit,
HURL Gorakhpur Unit-1,
Administrative Building,,
Hurl Campus, Fertilizer, Gorakhpur,
City : Gorakhpur,
PIN : 273007, Uttar Pradesh
GSTIN : 09AADCH9368N1ZQ

Total Net Order Amount in INR: 171076386.25
Total GST in INR: 30793749.52
Total Order Amount with GST in INR: 201870135.77

(Scope Of Work)

As per Tender Document

(Terms & Conditions)

Payment Terms :
As per tender Documents

Payment Mode :
NEFT/RTGS

Security Deposit :
As per tender documents

Liquidated Damages :
In case of delay in execution of Order beyond the stipulated date of delivery / delivery schedule, HURL reserves the right to recover from the vendor a sum equivalent to 0.5% of the value of the delayed materials /equipment for each week of delay and part there of subject to a maximum of 5% of the total value of the Order.

Special Instruction :
Completion Period- 9 Months
Date of start - 11.03.2024
Defect liability period- 12 Months after completion of works
GST- Extra as applicable at the time of dispatch, however present rate is 18%.
EIC- Mr. Satyendra Prakash Singh
Manager (Civil)
HURL Gorakhpur
-Price variation- Firm price
Qty variation + /- 25%
Contract Agreement- The party will submit a contract agreement of Rs 100 non-judicial stamp paper of UP.
Other Terms & Conditions- As per tender documents

(List Of Documents)

Registered Office Address:
Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi, 110092,Tel:01122502267, Delhi, India
GSTIN : 07AADCH9368N1ZU

Please note that below documents are needed to be provided along with Invoice.

Invoice copy

Registered Office Address:
Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi, 110092,Tel:01122502267, Delhi, India
GSTIN : 07AADCH9368N1ZU

(First phase Plantation Annexure-6)


POCO
SHOT ON POCO X2


POCO
SHOT ON POCO X2


POCO
SHOT ON POCO X2

Annexure-7

VP-Tech MGV EOC
03/05/2023 03.05.23

प्रदूषण रोकिए !
तार - पर्यावरण
Gram : Paryavaran

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/सा0-314/2023

दिनांक
Dated 26-04-23

सेवा में,

1. मेसर्स गैलेन्ट इस्पात लि0 (इन्टीग्रेटेड स्टील प्लान्ट), गीडा, गोरखपुर।
2. मेसर्स अंकुर उद्योग लि0, प्लाट नं0 ए0एल0–2, सेक्टर–23, गीडा,गोरखपुर।
3. मेसर्स इण्डिया ग्लाईकॉल्स लि0, ई.–1, सेक्टर–13, गीडा, गोरखपुर।
4. मेसर्स फोरेवर डिस्टीलरी प्रा0 लि0, प्लाट सं0–ए, यू0पी0सी0डा0 औद्योगिक क्षेत्र, उसरा बाजार, तहसील–रूद्रपुर, जनपद–देवरिया।
5. मेसर्स इण्डियन पोटाश लिमिटेड, इकाई–सिसवा बाजार, जनपद–महराजगंज।
6. मेसर्स इण्डियन पोटाश लि0 (शुगर यूनिट), खड्डा, ग्राम– खड्डा, जनपद– कुशीनगर।
7. मेसर्स बजाज हिन्दुस्थान शुगर एण्ड इण्डस्ट्रीज लि0 (फार्मली द प्रतापपुर शुगर एण्ड इण्डस्ट्रीज लि0), प्रतापपुर, देवरिया।
8. मेसर्स यू0पी0 स्टेट सुगर कार्पोरेशन लि0 (यूनिट पिपराईच), पिपराईच, जनपद– गोरखपुर।
9. मेसर्स हिन्दुस्तान उर्वरक एण्ड रसायन लि0, मौजा जंगल बेनी माधव नं0 1, 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 सं0 एच. 92287/सी0–3/264/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 शर्तो 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 है। तत्क्रम में मियावकी 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 रू0 100 के स्टैम्प पेपर पर नोटराईज्ड कराकर इस कार्यालय को उपलब्ध कराने का कष्ट करें।

संलग्नक– उपरोक्तानुसार।

भवदीय

(पंकज यादव)
क्षेत्रीय अधिकारी

प्रतिलिपि– निम्नलिखित को सूचनार्थ सादर प्रेषित।

1. मुख्य पर्यावरण अधिकारी (वृत्त–3)/नोडल मियावाकी, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ।
2. मुख्य पर्यावरण अधिकारी (वृत्त–6), उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ।

क्षेत्रीय अधिकारी

महादेव झारखण्डी, आवास विकास कालोनी, देवरिया रोड, कूड़ाघाट, गोरखपुर–273 008
MAHADEV JHARKHANDI, AVAS VIKAS COLONY, DEORIA ROAD, KUNRAGHAT, GORAKHPUR-273 008
E-mail : rogorakhpur@uppcb.in

मियावाकी पद्धति से प्रस्तावित वृक्षारोपण की स्थिति							
क्र.सं.	उद्योग / इकाई का नाम व पता	जनपद	पौधो की संख्या	मियावाकी वृक्षारोपण का स्थान	प्रस्तावित क्षेत्रफल (वर्ग मीटर में)	कोआर्डिनेट्स	
						Latitude	Longitude
A	B	C	D	E	F	G	H
1	मेसर्स गैलेन्ट इस्पात लि0 (इन्टीग्रेटेड स्टील प्लान्ट), गीडा, गोरखपुर।	गोरखपुर	25000				
2	मेसर्स अंकुर उद्योग लि0, प्लाट नं0 ए0एल0–2, सेक्टर–23, गीडा,गोरखपुर।	गोरखपुर	25000				
3	मेसर्स इण्डिया ग्लाईकॉल्स लि0, ई.–1, सेक्टर–13, गीडा, गोरखपुर।	गोरखपुर	25000				
4	मेसर्स यू0पी0 स्टेट सुगर कार्पोरेशन लि0 (यूनिट पिपराईच), पिपराईच, जनपद– गोरखपुर।	गोरखपुर	10000				
5	मेसर्स हिन्दुस्तान उर्वरक एण्ड रसायन लि0, मौजा जंगल बेनी माधव नं0 1, गोरखपुर।	गोरखपुर	25000				
6	मेसर्स फोरेवर डिस्टीलरी प्रा0 लि0, प्लाट सं0–ए, यू0पी0सी0डा0 औद्योगिक क्षेत्र, उसरा बाजार, तहसील–रूद्रपुर, जनपद–देवरिया।	देवरिया	25000				
7	मेसर्स बजाज हिन्दुस्थान शुगर एण्ड इण्डस्ट्रीज लि0 (फार्मली द प्रतापपुर शुगर एण्ड इण्डस्ट्रीज लि0), प्रतापपुर, देवरिया।	देवरिया	5000				
8	मेसर्स इण्डियन पोटाश लिमिटेड, इकाई–सिसवा बाजार, जनपद–महराजगंज।	महराजगंज	5000				
9	मेसर्स इण्डियन पोटाश लि0 (शुगर यूनिट), खड्डा, ग्राम– खड्डा, जनपद– कुशीनगर।	कुशीनगर	5000				

(Green belt Development-Miyawaki Method Annexure-8)

Annexure-9

HINDUSTAN URVARAK & RASAYAN LIMITED

(A JOINT VENTURE OF CIL, NTPC, IOCL, FCIL & HFCL)

NOTICE INVITING TENDER

(NIT)

NAME OF PACKAGE:

Plantation of 9000 Trees for green Belt Development in HURL Gorakhpur

NIT NO: H/G/C&M/24-25/C-480/TE-991 DATE: 04.05.204

1.0 HURL (Hindustan Urvarak & Rasayan Limited) invites bid under Single Stage One Part Bidding system for aforesaid package.

2.0 **Brief Details**

a.	Tender enquiry No	**H/G/C&M/24-25/C-480/TE-991**
b.	Date of issue of documents	**04.05.2024**
c.	Last Date & Time of Receipt of Clarification/Modification/ Deviation / Suggestion to Bidding Documents from the bidders	**20.05.2024**
d.	Date & Time of Receipt of Bids through Courier/In Person	**20.05.2024 15:00PM**
e.	Composite Bid Opening Time	**15:30 PM**

3.0 The bidding shall be on Single Stage One Envelop bidding (Composite bid) basis. The bid shall be submitted by Speed Post/Courier or by E-Mail with mention of **"Bid for Tender Enquiry No. -H/G/C&M/24-25/C-480/TE-991 Dated: 04.05.2024 and 'Due date of Bid opening'"** containing the documents mentioned in Instruction to Bidders (ITB).

4.0 Bids will be opened as per date/time as mentioned on the Date specified above.

5.0 HURL shall not be responsible for any postal /courier delay for submission of the bid.

6.0 HURL reserves the right to reject the bid or cancel/withdraw the NIT for the subject package without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

7.0 Bids shall be signed by someone legally authorized and competent on behalf of his firm / company i.e., Bidder and relevant documents w.r.t. the same to be submitted along with the bid by the bidders.

8.0 **Address for Communication.**

Sh Durgesh Kumar Singh Manager (Contracts & Material) Hindustan Urvarak & Rasayan Limited (A Joint Venture of CIL, NTPC, IOCL, FCIL & HFCL) Admin Building, HURL Campus, PO-HURL Fertilizer Plant Gorakhpur-273007 **Email ID:** durgeshkrsingh@hurl.net.in **Phone: 0551-2989437**	Sh Prashant Samanway Officer (Contracts & Material) Hindustan Urvarak & Rasayan Limited (A Joint Venture of CIL, NTPC, IOCL, FCIL & HFCL) Admin Building, HURL Campus, PO-HURL Fertilizer Plant Gorakhpur-273007 **Email ID:** Prashantsamanway@hurl.net.in

PRASHANT SAMANWAY

Digitally signed by PRASHANT SAMANWAY
Date: 2024.05.04 15:23:04 +05'30'

Annexure-1

पंजीकृत

प्रदुषण रोकिए !
तार - पर्यावरण
Gram : Paryavaran

पर्यावरण बचाइए !!
दूरभाष एवं फैक्स : ०५५१-२२७३९३७
Phone & Fax : 0551-2273937

क्षेत्रीय कार्यालय

उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

REGIONAL OFFICE

UTTAR PRADESH POLLUTION CONTROL BOARD

संदर्भ संख्या
Ref. No. 695/सा0-254/2022

दिनांक
Dated 15-11-22

सेवा में

मेसर्स हिन्दुस्तान उर्वरक एण्ड रसायन लि0,
मौजा जंगल बेनी माधव नं0 1,
गोरखपुर।

Mr. Adarsh Lal

विषयः– **प्रदेश के नॉन अटेन्मेन्ट नगर, गोरखपुर के वायु प्रदूषण नियंत्रण हेतु एन्टी स्मोग गन क्रय कर संचालन हेतु।**

महोदय,

कृपया उपरोक्त विषयक केन्द्रीय प्रदूषण नियंत्रण बोर्ड दिल्ली के पत्र सं0 एम0क्यू0एम0/ए0पी0/2019–20 दिनांक 11.11.2022 के माध्यम से गोरखपुर नगर को प्रदेश के नॉन अटेन्मेन्ट नगर के रूप में सम्मिलित किया गया है तथा गोरखपुर नगर में वायु प्रदूषण नियंत्रण हेतु कार्य योजना तैयार कर एयर क्वालिटी मानिट्ररिंग कमेटी को प्रेषित किया गया है। उक्त के अनुक्रम में आपको निर्देशित किया जाता है कि उद्योग परिसर में जनित वायु प्रदूषण नियंत्रण हेतु एक अद्द एन्टी स्मोग गन क्रय कर संचालन किया जाये। जिससे की गोरखपुर नगर में बढ़ते वायु प्रदूषण को नियंत्रित किया जा सके। अतः आपसे अपेक्षा की जाती है कि उद्योग द्वारा सी0एस0आर0 फण्ड के माध्यम से एक अद्द एन्टी स्मोग गन (छायाप्रति संलग्न) क्रय कर इस कार्यालय को यथाशीघ्र सूचित करें जिससे की अद्यतन सूचना ससमय बोर्ड मुख्यालय, लखनऊ को प्रेषित किया जा सके।

संलग्नक– उपरोक्तानुसार।

भवदीय

(पंकज यादव)
क्षेत्रीय अधिकारी

महादेव झारखण्डी, आवास विकास कालोनी, देवरिया रोड, कूड़ाघाट, गोरखपुर–273 008
MAHADEV JHARKHANDI, AVAS VIKAS COLONY, DEORIA ROAD, KUNRAGHAT, GORAKHPUR-273 008
E-mail : rogorakhpur@uppcb.com

Annexure-10

Cloud Tech Pvt. Ltd
207-A, HSIIDC Manakpur Industrial Area,
Sector 30-A, Haryana 135003

Cloud Tech™
life believe in nature

Cloud Tech Service Agent	CLIENT DETAIL
Name Rajat Barnik 7601967259.	NAME Adbhut Ratan (Ass. Manager)
	ADDRESS HURL Complex Admin Building Gorakhpur Uttar Pradesh PIN- 273007

Invoice no CTP/23-24/SL/128

TO WHOM IT MAY CONCERN

We hereby declare that the Machine(s) CTFC50 Semi Provided by Cloud Tech Pvt. Ltd. Has been successfully installed / Serviced by Cloud Tech Service Agent and tested in the presence of site in charge and Cloud Tech Service Agent.

The Training & Preventive maintenance of the Equipment's have been explained to site operating team, Site Engineers and Officers

The Machine has been Commissioned and ready to use

Parameter inspected (Please list the parameters if needed)

1/	Machine Commissioning	OK
2/	machine Working	OK
3/	machine testing	OK.

12/10/23

Signature (Site In charge with stamp)

डॉ. आदर्श कुमार
प्रबन्धक (पर्यावरण और गुणवत्ता नियंत्रण)
Dr. Adarsh Kumar
Manager (E & QC)
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL Gorakhpur

(Cloud Tech Engineer)
Rajat Barnik
7601967259.

Anti-Smog Gun at HURL Gorakhpur(Annexure-10)

Rain Water Harvesting Points
Annexure-11

1- Central Control Room Building

2- ACT-UCT Substation Building

3- Labtech Building

4-GTG-CPP Substation Building

Rain Water Harvesting Points

Annexure-11

5-Ammonia Storage Tank

6- Switchyard Building

7- Ammonia-Urea Main Substation Building

Annexure-129

HINDUSTAN URVARAK & RASAYAN LIMITED, GORAKHPUR

ONSITE EMERGENCY MOCK DRILL

	Details	
1	**MOCK DRILL NO.**	2024-01
2	**DETAILS OF INCIDENT**	Electrocution of person & Fire in cable cellar
	DATE, TIME & PLACE OF INCIDENT	03/02/2024 15:05 Hrs Electrocution of person & Fire in cable cellar

Repones Checkpoint

3	TIME TELEPHONE MESSAGE RECEIVED AT FIRE STATION CONTROL ROOM DESK	Time: 15:13 Hrs		
	DETAILS	**STANDARD TIME**	**ACTUAL TIME**	**REMARK**
4	TIME: EMERGENCY SIREN BLOWN	< 1 Minutes	15:13 Hrs	Siren Blown as per Instructions from I/C
5	TIME TAKEN TO REACH FIRE TENDER & RESCUE TEAM AT SITE	<10 minutes for Plant	15:14 Hrs	Within Limit
6	TIME TAKEN TO REACH AMBULANCE AT SITE	<10 minutes	15:15 Hrs	Within Limit
7	TIME TAKEN TO REACH INCIDENT CONTROLLER SITE	< 5 Minutes	15:15 Hrs	Within Limit
8	TIME TAKEN TO REACH HOD /SECTION HEAD AT FIRE CONTROL ROOM AFTER INFORMATION/ SIREN BLOWN	< 5 Minutes	15:16:00 Hrs	Within Limit
9	DETAILS OF EXTINGUSHERS USED	Co2 type Fire Extinguisher was used		
10	TIME TAKEN TO CONTROL THE SITUATION.	15:24 All clear Signal was given. 11 Minuets		
11	TIME "CLEARANCE" SIREN BLOWN	15:25 All clear Signal was given after briefing.		
12	TIME RESIDUAL MATERIALS OF FIRE EXTINGUISHERS/ INCIDENT REMOVED FROM SITE WITH DETAILS	None		

Sl.no	OBSERVATIONS	ROOT CAUSE	CAPA	Action By	Expected date of completion
1	Vehicles were parked near the entrance and exist routes of the building. Which may hinder the normal movement during emergency	No nearby vehicle parking area.	All vehicles to be parked at common parking near CCR.	Respective HODs & Security	29.02.24
2	During the rescue the exit door was not clear and was blocked by the other rescue team members standing at the door.	Due to restricted movement inside the cable cellar, only two rescuers went inside and others were waiting on gate.	Exit/evacuation route to be always obstruction free. Provide training for improved response.	Safety	29.02.24
3	Near assembly point number-4 drains are not covered which may lead to falls and injury to persons assembling there in case of emergency.	Drains are not covered at present	Drains to be covered.	Mechanical /Civil	30.03.24
4	During recue by the medical team victim was not tied to the stretcher .Stretcher wasn't locked.	Awareness issue	Conducting frequent drills & training them for improved response.	OHC/HR Dept.	29.02.24
5	There was mismatch in headcount	Some workers & employees didn't reach the assembly point.	Training and awareness program to be conducted of all workers and employees.	Respective HODs & Security/Safety	29.02.24
6	During emergency it was observed the workers were standing in groups and hiding instead of moving towards assembly points	Low level of awareness among the workers	Conducting frequent drills & training them for improved response.	Safety Departments & Respective HOD's	29.02.24
7	Electrical Siren was not audible inside control room of CPP	Due to double doors the siren could not be heard inside control room	Other means of communication like Paging system and information through walkie talkie can be the alternate solution	For information	

RESCUE TEAM REACHED AT INCIDENT LOCATION

FIRE TEAM COORDINATING THE RESCUE & ANNOUNCING THE INSTRUCTIONS

FIREFIGHTING MEASURES BY RESCUE TEAM TO MITIGATE DANGER

RESCUE OF THE VICTIM BY FIRE TEAM

BRIEFING & DISCUSSION OF INCIDENT & OBSERVATION SHARED TO SR MANAGEMENT TEAM BY OBSERVER AT FIRE CONTROL ROOM

Annexure-

Photographs showing Various Training Programms being conducted at Training Hall & Plant area at HURL, Gorakhpur
Frequency- Regular










Afona

Annexure-12

Afsana

Annexure-12

(HURL)

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 23/03/2024

Venue:-

Topic Discussed: Ammonia Safety

Sl. No.	Name	Designation	Department	Signature
	Rahul Jaiswal	R	M	
	Pradeep Saini	F	M	Pradeep
	[illegible]	S/F	"	[illegible]
	Gori Shankar Bari	S/F	"	
	Avinash Kumar		"	
	Chikku Ka	SF	"	Chikku
	Sanjeev	E.L.	M	
	[illegible]	[illegible]		
	Pramod	S/F	"	Pramod
	Nitish Kumar	S/F	"	Nitish Kumar
	Mahesh Chauhan	R	"	[illegible]
	Mohan Mahato	R	"	MOHAN
	Pintu Chauhan	R	"	Pintu Chauhan
	[illegible]	H.R	M	[illegible]
	Vijendra Yadav	F	"	Vijendra

Name & Signature of Trainer:

Afsana

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 19/03/2024

Venue:-

Topic Discussed: Ammonia Safety

Sl. No.	Name	Designation	Department	Signature
	Shri Ram Yadav	G/F	K.C.C.	
	Dayanand	HUL	"	
	Raghunath	Rigger	"	
	Brahma Yadav	HUL	"	
	Munna Singh	"	"	Munna Kumar Singh
	Bharat	G/F	"	
	Narsingh Yadav	G.F	"	
	Sunil Pandey	Hel	"	Sunil
	Utkarsh	Hel	"	उत्कर्ष कुमार
	Raja madhuria	Hel	"	राजा
	Ajay Nishad	HUL	"	Ajay
	शैलेन्द्र	"	"	शैलेन्द्र
	Uday Yadav	G/F	"	
	Sanjay Kumar	HEL	"	S Kumar
	NAGENDRA Chauhan	HEL	"	
	Harish Pandey			हरिश पाण्डेय

Name & Signature of Trainer:

(HURL)

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 19/03/2024

Venue:-

Topic Discussed: Ammonia Safety

Sl. No.	Name	Designation	Department	Signature
	Animesh Singh	SUP	mech	Animesh
	Nagendra	R	"	नागेन्द्र
	Vinay Ku. Dubey	Hel	"	VKDubey
	मनीष सिंह			मनीषसिंह
	महेन्द्र यादव	R	"	महेन्द्र यादव
	Ashish Prajapat	"	Mech	[illegible]
	Vivek Kumar	R	"	Vivek
	Lutawan	HF	"	[illegible]
	Bagish Singh	GE	"	Bagish
	Subodh K. Tiwari	H	"	[illegible]
	Abhiman Singh	HF	"	Abhi Singh
	Harivansh	H	"	हरिवंश
	Pawan Kumar	H	"	Pawan Kumar Prajapati
	Sushil	H	"	Sushil Kumar

Name & Signature of Trainer:

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 13/03/2024

Venue:-

Topic Discussed: Hot Work Safety

Sl. No.	Name	Designation	Department	Signature
1.	Bhopender k mishra	Sup...	Swaming FM PVT LTD.	[illegible]
2	Upendra	Sup.	"	Upadhya
3	Nitin Bajpai	Sub.	"	[illegible]
4	Gautam	Man.	Mech	[illegible]
5	Ravi Kumar	H	"	Ravi Kumar
6	त्रिभुवन नारायण	H	सावमिना	त्रिभुवन नारायण
	अजय मौर्य	H	"	अजय मौर्य
	प्रमोद कुमार यादव	H	"	प्रमोद कुमार यादव
	विवेक कुमार	H	"	विवेक कुमार
	लक्ष्मण	H	"	Lakshman
	रूपविनाथ पिपलो	H	"	रूपविनाथ
	प्रमोद कुमार	H	"	[illegible]
	बाजपेयी	H	"	Bajpeyi
	विरेन्द्र	H	"	विरेन्द्र
	सचिन चौहान	H	"	सचिन चौहान
	विजय कुमार कुशवाहा	Fitter	"	[illegible]
	Ravindar Sahani	H	"	Ravindar Sahani

Name & Signature of Trainer: H रामजी कुशवाहा

रामजी कुशवाहा

HINDUSTAN URVARAK & RASAYAN LIMITED

GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 13/03/2024

Venue:-

Topic Discussed: Hot work Safety

Sl. No.	Name	Designation	Department	Signature
	Himanshu pandey	H	STPL	Himanshu
	संजय कुमार	रिगर	STPL	संजय कुमार
	Vishal yadav	H	STPL	Vishal
	Angad	W.	"	अंगद
	रामपियारे	चपरासी	RF	रामपियारे
	Bitu Kumar	H	"	Bitu
	Jitendra Kumar Roy	H	"	Jitendra
	अशोक	"	FIS	अशोक
	रमेश कुमार	"	FIS	रमेश कुमार

Name & Signature of Trainer:

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

Date: 17/02/2024

Subject: Fire Safety

Name	Designation	Department/ Agency	Signature
munna Kumar Singh	HPL	KCC	munna Singh
Ram Ram Yadav	G/F	"	Ryadav
Abhimanyu Singh	G/F	"	[illegible]
Sanjay Bishwad	HPL	"	[illegible]
Santosh yadav	G/F	"	[illegible]
Vikash Yadav	HPL	"	[illegible]
Hari bhausk	HPL	"	[illegible]
Raja	HPL	"	[illegible]
Utkarsh	HPL	"	[illegible]
Shashil - Kumar	HPL	"	Sashil Kumar
Mahant yadav	Rigger	"	महन्त यादव
[illegible]	HPL	"	[illegible]
[illegible]	Rigger	"	[illegible]
दयानन्द	HPL	"	दयानन्द
नरेन्द्र यादव	Rigger	"	नरेन्द्र
रघुनाथ चौहान	HPL	"	रघुनाथ चौहान
Harikesh dwivedi	HPL	"	Harikesh dwivedi
sanjeev	E.L.K.	"	sanjeev
Angad	W	"	अंगद

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

Date : 09/02/2024

Discussed : HIRA

S.	Name	Designation	Department/ Agency	Signature
	BR Yadav	Security Officer	Security	
	Raju Pathak	—do—	—do—	
	Shiv Pratap Singh	Assist Mngr	UPH/HURL	
	Ranvijay Pal	Engg.	Ammonia (HURL)	
	Ashish Yadav.	Engg.	Ammonia (HVRL)	
	Shubham Kr Singh Rathore	AM	Ammonia (HURL)	
	[illegible]	Engg	"	
	Brijesh Kr Pal	AM	Urea (HU)	
	Amrutkar Shukla	Engineer	Mechanical	
	Dinesh K Yadav	JEA-II	Mech	
	Satyam Kumar Yadav	JEA-II	Mechanical	
	Gaurav Singh	Engg.	Mechanical	
	Anuj Kumar	Engineer	Mechanical	
	Abhishek Anand	Engineer	Mech.	
	LAKHBIR	SECURITY OFFICER	SECURITY	
	Alok Pandey	AM	Mechanical	
	Shailendra Kumar	Engineer	Ammonia	

& Signature of Trainer : Feedback Received

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

Date: 22/02/24

Chemical Safety

No.	Name	Designation	Department/ Agency	Signature
1	Shri Ram yadav	G/F	K.C.C	[illegible]
2	Pramod upadhyay	R	"	Pramod
03	Nagendra [illegible]	R	"	[illegible]
04	Hribarh Bhatta	H	"	[illegible]
05	Subodh tiwari	H	"	[illegible]
06	Bharat [illegible]	"	"	[illegible]
07	Shiv Shankar	G/F	"	Shiv Shankar
08	Rohit Kumar	G/F	"	Rohit Kumar
09	Vikas yadav	H	"	Vikas yadav
10	Dharmendra	H	"	Dharmendra
11	Sunil Pandey	H	"	Sunil Pandey
12	Gauri Shankar	H	"	gauri shankar
13	Vivek Singh	R	"	[illegible]
14	Lalawan	G/F	"	[illegible]
15	Vinay Ku. Dubey	Hd	KCC	VKDubey
16	Sunny Nikhad	Hd	K.C.C	Sunny Nikhad
17	Pramod Ku	G/F	"	Pramod
18	Mana Kumar Singh	Hd	"	mana kumar singh
19	Raju Mahashida	H	"	RIGI
20	Abhishek Singh	"	"	Abhishek Singh

Atma

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

Date : 27/02/2024

Discussed : Confined Space Entry

Name	Designation	Department/ Agency	Signature
AVINASH K. SINGH			[illegible]
VIJAY Mangni	HPL		[illegible]
SHAILENDRA KM. SINGH	HEL	KCC	Shailendra
SHIV SHANKAR KUMAR	G/L	K.C.C	Shiv Shankar Kumar
Jnair Shankar	HPL	K.C.C	Jnair Shankar
Gori Shankar Rai	S/F	KC & Swamina	[illegible]
Chiku Kumar	S/PL	Swa	Chiku Kumar
Ramoo	S/F	Swamina	Ramoo
Pradeep Saini	Fitter	Swamina	Pradeep
[illegible]	S/F	Swamina	[illegible]
[illegible]	Gen Cutter	Swamina	[illegible]
Mingshu	H	Swamina	Mingshu
Bita Kumar	H	Swamina	Bita Kumar

Annexure 13: Environmental Statement For the period April 2023 to March ,2024

(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-2023.

Statement submitted
PART - B
Water and Raw Materials Consumption

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

Category	**FY, 2023-2024**(m³/day)	**FY, 2022-2023** (m³/day)
Process	3014	2326
Cooling	14328	8928
Domestic	500	343

Water Consumption per MT of product Output

Name of Product	**FY, 2023-2024 (m3/MT)**	**FY, 2022-2023 (m3/MT)**
Urea	4.90	4.60

2. Raw Material Consumption

* Nature of consumption	Raw Material Consumption per MT of product		
	Name of product	**FY, 2023-2024**	**FY, 2022-2023**
Natural Gas SM³/MT of Urea	Urea	622.3	695.8

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, 2023-2024	**FY, 2022-2023**
(a) From process	28960 kg	NIL
(b) From pollution control facilities	NIL	NIL

PART – E

SOLID WASTE

SOLID WASTE	Total Quantity (Kg)	
	FY, 2023-2024	**FY, 2022-2023**
a) From process	28960 kg	Plant was in construction /Commissioning
b) From pollution control facilities	NIL	Plant was in construction /Commissioning
c) Quantity recycled or reutilized within the Unit.	NIL	Plant was in construction /Commissioning
d) Solid	30370kg	Plant was in construction /Commissioning
e) Disposed	30370kg	Plant was in construction /Commissioning

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, 2023-2024 Qty	FY, 2022-2023 Qty
Used/spent Oil	NIL	NIL
Spent Catalyst	NIL	NIL
Process Sludge	NIL	NIL
Empty Barrels/Containers/Liners Contaminated with Hazardous Chemicals/Wastes	NIL	NIL
Contaminated Cotton Rags or other Cleaning Materials	1410 kg	NIL
Chemical Sludge from Waste Water Treatment	NIL	NIL
Sludge from Treatment of Waste Water Arising out of Cleaning/Disposal of Barrels/Containers	28960 kg	NIL
Spent Ion Exchange Resin Containing Toxic Metals	NIL	NIL

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 increase the production.
- Due to use of clean fuel and state of 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 100 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 NH_3 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
Manager (E & QC)
Hindustan Urvarak & Rasayan Ltd. (HURL)
Admin Building, Fertilizer Township Gorakhpur
PO-Fertilizer Factory, Dist. - Gorakhpur-273007

डॉ. आदर्श कुमार
प्रबन्धक (पर्यावरण और गुणवत्ता नियंत्रण)
Dr. Adarsh Kumar
Manager (E & QC)
हिंदुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर
HURL, Gorakhpur

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+91-191-2465597
info@nityalab.com www.nityalab.com

Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

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_6H_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	92.77	43.05	19.09	25.16	ND	ND	0.66	ND	18.06	ND	ND	ND
May	9	90.05	40.69	22.5	32.08	ND	ND	0.81	ND	20.27	ND	ND	ND
June	9	91.08	43.44	21.99	28.66	ND	ND	0.79	ND	20.2	ND	ND	ND
July	9	85.84	42.75	21.30	29.06	ND	ND	0.77	ND	17.88	ND	ND	ND
August	8	82.96	37.19	18.11	23.89	ND	ND	0.67	ND	29.06	ND	ND	ND
September	8	88.38	25.57	16.15	22.90	ND	ND	0.67	ND	26.7	ND	ND	ND
October	9	83.71	28.73	16.55	26.43	ND	ND	0.72	ND	27.38	ND	ND	ND
November	8	91.98	34.22	14.73	24.5	ND	ND	0.64	ND	24.61	ND	ND	ND
December	8	90.90	40.67	15.29	25.68	ND	ND	0.61	ND	23.60	ND	ND	ND
January	9	93.31	48.37	14.27	25.1	ND	ND	0.49	ND	23.97	ND	ND	ND
February	8	92.38	38.18	14.68	24.54	ND	ND	0.45	ND	18.05	ND	ND	ND
March	8	91.91	39.02	13.41	24.00	ND	ND	0.45	ND	19.61	ND	ND	ND
Min. Conc		**82.96**	**25.57**	**13.41**	**22.90**	-	-	**0.45**	-	**17.88**	-	-	-
Max. Conc	**101**	**93.31**	**48.37**	**22.50**	**32.08**	-	-	**0.81**	-	**29.06**	-	-	-
Avg		**89.61**	**38.49**	**17.34**	**26.00**	-	-	**0.64**	-	**22.45**	-	-	-
98th Percentile		**93.19**	**47.29**	**22.39**	**31.42**	-	-	**0.81**	-	**28.69**	-	-	-

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Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

Location: **Admin Building**

Month	No. Of Obs	Parameter											
		PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_x ($\mu g/m^3$)	C_6H_6 ($\mu g/m^3$)	Benzo (a) pyrene (ng/m^3)	CO (mg/m^3)	NH_3 ($\mu g/m^3$)	Ozone ($\mu g/m^3$)	Ni (ng/m^3)	As (ng/m^3)	Pb ($\mu g/m^3$)
NAAQ Standards		**100**	**60**	**80**	**80**	**05**	**01**	**02**	**400**	**180**	**20**	**06**	**1.0**
April	8	80.12	30.26	15.24	24.86	ND	ND	0.6	ND	15.16	ND	ND	ND
May	9	86.58	39.68	16.76	25.19	ND	ND	0.65	ND	19.84	ND	ND	ND
June	9	83.47	38.36	16.92	24.52	ND	ND	0.65	ND	19.74	ND	ND	ND
July	9	84.96	38.80	16.79	25.77	ND	ND	0.59	ND	26.11	ND	ND	ND
August	8	85.11	38.00	15.06	24.80	ND	ND	0.59	ND	26.11	ND	ND	ND
September	8	90.58	28.49	16.06	25.18	ND	ND	0.64	ND	28.89	ND	ND	ND
October	9	92.05	30.30	17.92	25.89	ND	ND	0.71	ND	31.58	ND	ND	ND
November	8	92.74	32.32	16.67	25.89	ND	ND	0.63	ND	30.16	ND	ND	ND
December	8	98.19	44.66	15.42	25.28	ND	ND	0.63	ND	27.82	ND	ND	ND
January	9	94.18	40.36	15.05	25.25	ND	ND	0.61	ND	22.52	ND	ND	ND
February	8	94.16	49.73	14.24	24.38	ND	ND	0.53	ND	20.49	ND	ND	ND
March	8	92.83	38.45	14.19	24.54	ND	ND	0.46	ND	20.06	ND	ND	ND
Min. Conc	101	**80.12**	**28.49**	**14.19**	**24.38**	-	-	**0.46**	-	**15.16**	-	-	-
Max. Conc		**98.19**	**49.73**	**17.92**	**25.89**	-	-	**0.71**	-	**31.58**	-	-	-
Avg		**89.58**	**37.45**	**15.86**	**25.13**	-	-	**0.61**	-	**24.04**	-	-	-
98th Percentile		**97.31**	**48.61**	**17.70**	**25.89**	-	-	**0.70**	-	**31.27**	-	-	-

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Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

Location: **Residential Quarter B-28**

Month	No. Of Obs	Parameter											
		PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_x ($\mu g/m^3$)	C_6H_6 ($\mu g/m^3$)	Benzo (a) pyrene (ng/m^3)	CO (mg/m^3)	NH_3 ($\mu g/m^3$)	Ozone ($\mu g/m^3$)	Ni (ng/m^3)	As (ng/m^3)	Pb ($\mu g/m^3$)
NAAQ Standards		**100**	**60**	**80**	**80**	**05**	**01**	**02**	**400**	**180**	**20**	**06**	**1.0**
April	8	81.89	31.87	15.28	22.96	ND	ND	0.28	ND	15.6	ND	ND	ND
May	9	85.36	34.96	16.3	26.48	ND	ND	0.25	ND	15.05	ND	ND	ND
June	9	86.60	37.17	17.11	26.71	ND	ND	0.23	ND	15.23	ND	ND	ND
July	9	82.94	37.56	17.93	27.20	ND	ND	0.25	ND	15.47	ND	ND	ND
August	8	79.38	32.48	15.16	25.21	ND	ND	0.26	ND	20.99	ND	ND	ND
September	8	82.84	26.93	15.25	23.97	ND	ND	0.31	ND	24.38	ND	ND	ND
October	9	82.33	24.77	16.05	24.05	ND	ND	0.38	ND	24.18	ND	ND	ND
November	8	82.36	25.30	16.53	26.64	ND	ND	0.38	ND	23.12	ND	ND	ND
December	8	88.61	32.83	14.80	25.19	ND	ND	0.40	ND	27.17	ND	ND	ND
January	9	90.15	34.08	14.86	25.03	ND	ND	0.52	ND	22.86	ND	ND	ND
February	8	91.71	40.91	14.42	24.34	ND	ND	0.48	ND	21.75	ND	ND	ND
March	8	92.12	41.68	13.68	24.48	ND	ND	0.44	ND	18.25	ND	ND	ND
Min. Conc	**101**	**79.38**	**24.77**	**13.68**	**22.96**	-	-	**0.23**	-	**15.05**	-	-	-
Max. Conc		**92.12**	**41.68**	**17.93**	**27.20**	-	-	**0.52**	-	**27.17**	-	-	-
Avg		**85.52**	**33.38**	**15.61**	**25.19**	-	-	**0.35**	-	**20.34**	-	-	-
98th Percentile		**92.03**	**41.51**	**17.75**	**27.09**	-	-	**0.51**	-	**26.56**	-	-	-

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Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

Location: **D-186**

Month	No. Of Obs	Parameter											
		PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_x ($\mu g/m^3$)	C_6H_6 ($\mu g/m^3$)	Benzo (a) pyrene (ng/m^3)	CO (mg/m^3)	NH_3 ($\mu g/m^3$)	Ozone ($\mu g/m^3$)	Ni (ng/m^3)	As (ng/m^3)	Pb ($\mu g/m^3$)
NAAQ Standards		**100**	**60**	**80**	**80**	**05**	**01**	**02**	**400**	**180**	**20**	**06**	**1.0**
April	8	85.36	34.04	13.24	18.98	ND	ND	0.32	ND	17.84	ND	ND	ND
May	9	85.73	35.37	13.43	19.60	ND	ND	0.29	ND	17.60	ND	ND	ND
June	9	84.66	35.77	13.43	20.23	ND	ND	0.26	ND	18.60	ND	ND	ND
July	9	82.30	35.60	14.67	23.64	ND	ND	0.24	ND	16.68	ND	ND	ND
August	8	79.91	32.97	12.88	19.65	ND	ND	0.25	ND	21.22	ND	ND	ND
September	8	76.82	27.84	12.96	20.04	ND	ND	0.27	ND	24.63	ND	ND	ND
October	9	82.90	23.48	15.80	25.82	ND	ND	0.33	ND	23.88	ND	ND	ND
November	8	80.87	24.60	16.41	25.64	ND	ND	0.32	ND	23.26	ND	ND	ND
December	8	89.14	29.27	16.18	26.81	ND	ND	0.36	ND	24.00	ND	ND	ND
January	9	89.54	33.88	14.66	25.16	ND	ND	0.32	ND	20.08	ND	ND	ND
February	8	90.59	38.06	14.07	24.29	ND	ND	0.42	ND	20.00	ND	ND	ND
March	8	91.99	36.33	14.59	24.72	ND	ND	0.38	ND	20.66	ND	ND	ND
Min. Conc	**101**	**76.82**	**23.48**	**12.88**	**18.98**	-	-	**0.24**	-	**16.68**	-	-	-
Max. Conc		**91.99**	**38.06**	**16.41**	**26.81**	-	-	**0.42**	-	**24.63**	-	-	-
Avg		**84.98**	**32.27**	**14.36**	**22.88**	-	-	**0.31**	-	**20.70**	-	-	-
98th Percentile		**91.68**	**37.68**	**16.36**	**26.59**	-	-	**0.41**	-	**24.49**	-	-	-

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Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

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_6H_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	87.06	39.05	16.59	28.36	ND	ND	0.62	ND	12.13	ND	ND	ND
May	9	86.12	39.19	19.78	28.81	ND	ND	0.62	ND	16.23	ND	ND	ND
June	9	82.62	38.22	18.94	26.18	ND	ND	0.62	ND	16.10	ND	ND	ND
July	9	84.26	34.86	17.24	25.71	ND	ND	0.60	ND	14.90	ND	ND	ND
August	8	76.76	26.86	15.30	23.75	ND	ND	0.59	ND	22.17	ND	ND	ND
September	8	84.52	25.67	13.00	19.84	ND	ND	0.63	ND	21.65	ND	ND	ND
October	9	83.54	25.12	15.50	24.16	ND	ND	0.67	ND	23.39	ND	ND	ND
November	8	83.37	25.64	16.47	25.30	ND	ND	0.61	ND	23.03	ND	ND	ND
December	8	88.77	32.44	14.88	26.14	ND	ND	0.55	ND	23.03	ND	ND	ND
January	9	91.71	36.71	15.16	26.44	ND	ND	0.46	ND	22.81	ND	ND	ND
February	8	91.43	37.23	14.11	24.37	ND	ND	0.44	ND	20.44	ND	ND	ND
March	8	92.87	38.99	13.51	24.34	ND	ND	0.48	ND	20.36	ND	ND	ND
Min. Conc	**101**	**76.76**	**25.12**	**13.00**	**19.84**	-	-	**0.44**	-	**12.13**	-	-	-
Max. Conc		**92.87**	**39.19**	**19.78**	**28.81**	-	-	**0.67**	-	**23.39**	-	-	-
Avg		**86.09**	**33.33**	**15.87**	**25.28**	-	-	**0.57**	-	**19.69**	-	-	-
98th Percentile		**92.61**	**39.16**	**19.60**	**28.71**	-	-	**0.66**	-	**23.31**	-	-	-

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info@nityalab.com www.nityalab.con

Annexure-1

Env. STATEMENT for CTO Yearly Compliance for the Period April 2023 – March 2024 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

Period of Monitoring: Financial year April 2023 to March 2024

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_6H_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	92.89	43.89	19.15	29.56	ND	ND	0.79	ND	16.44	ND	ND	ND
May	9	94.81	46.90	20.24	29.18	ND	ND	0.84	ND	16.52	ND	ND	ND
June	9	90.62	43.83	21.45	30.18	ND	ND	0.81	ND	15.85	ND	ND	ND
July	9	90.66	41.54	19.90	29.37	ND	ND	0.75	ND	17.24	ND	ND	ND
August	8	85.87	36.74	17.06	25.93	ND	ND	0.66	ND	23.74	ND	ND	ND
September	8	87.69	26.00	15.68	24.31	ND	ND	0.68	ND	24.65	ND	ND	ND
October	9	89.77	30.67	17.23	25.32	ND	ND	0.71	ND	30.91	ND	ND	ND
November	8	92.20	30.69	17.31	27.21	ND	ND	0.67	ND	27.65	ND	ND	ND
December	8	109.94	59.11	16.29	25.88	ND	ND	0.62	ND	27.74	ND	ND	ND
January	9	103.29	57.55	14.46	26.14	ND	ND	0.50	ND	20.34	ND	ND	ND
February	8	103.14	54.12	14.48	25.13	ND	ND	0.49	ND	20.11	ND	ND	ND
March	8	93.43	40.19	13.88	23.98	ND	ND	0.49	ND	19.41	ND	ND	ND
Min. Conc	**101**	**85.87**	**26.00**	**13.88**	**23.98**	-	-	**0.49**	-	**15.85**	-	-	-
Max. Conc		**109.94**	**59.11**	**21.45**	**30.18**	-	-	**0.84**	-	**30.91**	-	-	-
Avg		**94.53**	**42.60**	**17.26**	**26.85**	-	-	**0.67**	-	**21.72**	-	-	-
98th Percentile		**108.48**	**58.77**	**21.18**	**30.04**	-	-	**0.83**	-	**30.21**	-	-	-

ND= NOT DETECTED

NITYA LABORATORIES AUTHORISED