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/23-24/ 0411

04th November 2023

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 April 2023 to September 2023 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 April, 2023 to September, 2023.

Best regards.
for Hindustan Urvarak and Rasayan Limited

Nitin 06/11/2023

Head-Technical Services

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड गोरखपुर

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

APRIL, 2023 TO SEPTEMBER,2023

Submitted

TO

MOEF& CC, Regional Office (ECZ), Lucknow

AMMONIA UREA FERTILIZER PLANT

(2200 MTPD Ammonia &3850 MTPD Urea)

GORAKHPUR

November,2023

हिंदुस्तान उर्वरक एवं रसायन लिमिटेड
HINDUSTAN URVARAK & RASAYAN LTD.
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COMPLIANCE OF EC CONDITIONS FOR THE PERIOD APRIL, 2023 to SEPTEMBER 2023.

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. **This point is compiled 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 within the norms. The AAQ analysis is attached for ready reference in **Annexure 1**.
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 2.**
4	Plantation shall be carried out around the Chilwa Tal.	Digging work completed. Land filling and levelling work around Chilwa Tal is under progress and expected Date of Completion of this work is Dec 2023. This is important for development of good routing conditions for the planting, including a sufficient volume of routable soil is required. Approx. 1000 Saplings was received from SSB as donation and plantation done around chilwa taal. Progresses of the plants are attached as **Annexure 3.**
5	As already committed by the project proponent, no waste/treated water shall be discharged outside to ensure ZLD. Water consumption shall be reduced by adopting 3 R's (Reduce, Reuse & Recycle) concept in the process.	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.

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.	Ist phase of plantation 5000 trees completed. (Progress of plants are attached as **Annexure 4**) For the starting of IInd Phase 17500 trees plantation land development work is in progress. (photographs are attached as **Annexure 5**)
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. HURL has taken up a project of deepening and dredging of Chilwa Taal for increase in the water storage capacity so as 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 Compliance 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.	All the commitments made during Public Hearing/Public Consultation meeting held on 24th April 2017 are in progress. The budget for the same is allocated according to the 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 year 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	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 in progress: **1-Installation of RO plant water purifier in nearby Villages (Schools)** Work awarded to M/s Oxybee Solutions Pvt. Ltd.All 12 ROs machines were installed in July 2022. Work completion certificate issued by BSA Gorakhpur on dated 02nd July 2022. **This point is Compliance and closed.** **2-Development of a Model village at Sonbarsa, Gorakhpur.** MoU signed between GDA & HURL. Work awarded to M/S Arunima Construction and

	continue with. c) Safe drinking water facility with RO plant in villages located within 3 Km radius of the plant with maintenance cost.	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 1500 meters. Another stretch of 700 meters started at Chota Sonbarsa is under Process. **Pond:** A retaining wall has to be built. Approx. in a 250 sq. feet area Gym, a walkway, and a recreation area will be built. * Retaining Wall Work at the west side adjacent to the temple area is completed * One side of the pond is completed. * Another side pitching work is in progress. ***School: Two story building including 4 rooms & Hall and toilet is in provision.one class room will be a smart class.*** *Finishing work is in progress, Construction work on two floors is completed ***Panchayat Bhavan: Single-story building, One conference room with Two office rooms*** * work is in progress ***STP; 5KLD package plant*** · Site-identified, work is in progress ***Solar Light: Approx. 260 solar lights fixing in the village.*** *Drawing designs have been handover to the contractor and it has been approved by VC GDA. The expected date of completion will be December 2023 **3-Installation of Oxygen Plant at Harnahi & Campiarganj CHC's.** Installation of the Oxygen plant was completed and handed over to the respective CHCs in charge. Project Cost .72 Crore. **This point is Compliance and closed.** 4-**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.In the first phase implementation was completed at 02 CHC'S JangalKauria & Khuthan Chargawan. 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. Project Cost 24.05 Crore. The expected date of completing the rest of the 10 CHCs will be November 2023 **5-Development of Ramgarh Taal- Facelift and Placemaking, District Gorakhpur.** MoU signed between GDA & HURL.LOA awarded to PMC. 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. Till the end of this year, the remaining components will also be completed. Project Cost 3.5 Crore. MoU signed between GDA & HURL.LOA awarded to PMC. 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 by the end of December 22. Only HURL Branding and Placemaking component is remaining. Till the end of this current quarter, the remaining components will also be get completed. Project Cost 3.5 Crore.
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 compiled and closed**

11	Continuous online (24 X 7) monitoring system for emissions and effluent generation shall be installed for flow/discharge measurement and the pollutants concentration within the plant. Data shall be uploaded on company's website and provided to the respective RO of MoEF& CC, CPCB and SPCB.	The installation of the continuous monitoring system done according to the CPCB guidelines. Plant data is uploaded on website and can be viewed by the respective RO of MOEF& CC, CPCB and SPCB. **This point is compiled 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.	**Complied** 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.** Cyclone separators are installed for controlling urea dust. Height of Prilling tower is 149.2 meter it is quite high that is controls 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	**Compiled as stated**

	reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
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.
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).	All efforts are being made to contain the noise levels within the standard limits at the plant round the clock. All equipment deployed at site are ensured to have acoustic hoods and silencers/enclosures on sources of noise generation. The workers at site are equipped with ear muffs.
vi)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	This condition has been complied during the designing of the buildings and rainwater harvesting system has been placed. **This point is compiled 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. Training record are attached as **Annexure 6(a)&(b).**
viii)	The company shall comply with all the environmental protection measures and	All the environmental protection measures have been Implemented.

	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.	**This point is compiled and closed**
ix)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	CSR activities will be undertaken by involving local villages and administration as per the extant Government guidelines. Currently said activities are being taken up with CER Funds.
x)	The company shall undertake all eco-developmental measures including community welfare measures for overall improvement of the environment.	This will be undertaken by involving local villages and administration as per rules and Government guidelines. Currently said activities are being taken up with CER Funds.
xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	**Compiled.**
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.	**Compiled**
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	**Compiled**

	(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.	
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 is attached in **Annexure -7** 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 compiled and closed**
xvii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Date of start of project :27 Feb 2018 The date of financial closure is 20.09.2018. COD of the Gorakhpur Project is declared on 03.05.2022.

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Annexure-1

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

This Compliance Report is the fulfilments 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 April 2023 to September 2023 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 Nos 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 April 2023 to September 2023.

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HURL GORAKHPUR, AIR QUALITY DATA – (April 2023 to September 2023)

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)
April 2023	PM10	µg/m³	100	92.77	80.12	81.05	85.18	87.23	92.29
	PM2.5		60	43.05	30.71	31.69	34.12	39.14	43.75
	SO_2		80	19.09	15.59	15.77	13.10	16.92	19.05
	NO_x		80	25.16	24.19	22.92	18.91	28.52	29.69
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.66	0.60	0.28	0.32	0.62	0.79
	NH_3	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		180	18.06	15.06	15.73	18.95	12.58	16.78
	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
May 2023	PM10	µg/m³	100	90.05	86.58	85.36	85.73	86.12	94.81
	PM2.5		60	40.69	39.68	34.96	35.37	39.19	46.90
	SO_2		80	22.50	16.76	16.30	13.43	19.78	20.24
	NO_x		80	32.08	25.19	26.48	19.60	28.81	29.18
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m³	1	ND	ND	ND	ND	ND	ND
	CO	mg/m³	2	0.81	0.65	0.25	0.29	0.62	0.84
	NH_3	µg/m³	400	ND	ND	ND	ND	ND	ND
	Ozone		180	20.27	19.84	15.05	17.60	16.23	16.52
	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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June 2023	PM10	µg/m3	100	91.08	83.47	86.60	84.66	82.62	90.62
	PM2.5		60	43.44	38.36	37.17	35.77	38.22	43.83
	SO2		80	21.99	16.92	17.11	13.43	18.94	21.45
	NOx		80	28.66	24.52	26.71	20.23	26.18	30.18
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.79	0.65	0.23	0.26	0.62	0.81
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	20.20	19.74	15.23	18.60	16.10	15.85
	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
July 2023	PM10	µg/m3	100	85.84	84.96	82.94	82.30	84.26	90.66
	PM2.5		60	42.75	38.80	37.56	35.60	34.86	41.54
	SO2		80	21.30	16.79	17.93	14.67	17.24	19.90
	NOx		80	29.06	25.77	27.20	23.64	25.71	29.37
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.77	0.59	0.25	0.24	0.6	0.75
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	17.88	16.51	15.47	16.68	14.9	17.24
	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
August 2023	PM10	µg/m3	100	82.96	85.11	79.38	79.91	76.76	85.87
	PM2.5		60	37.19	38.00	32.48	32.97	26.86	36.74
	SO2		80	18.11	15.06	15.16	12.88	15.30	17.06
	NOx		80	23.89	24.80	25.21	19.65	23.75	25.93
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.67	0.59	0.26	0.25	0.59	0.66
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND
	Ozone		180	29.06	26.11	20.99	21.22	22.17	23.74
	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
September 2023	PM10	µg/m3	100	88.38	90.58	82.84	76.82	84.52	87.69
	PM2.5		60	25.57	28.49	26.93	27.84	25.67	26.00
	SO2		80	16.15	16.06	15.25	12.96	13.00	15.68
	NOx		80	22.90	25.18	23.97	20.04	19.84	24.31
	C6H6		5	ND	ND	ND	ND	ND	ND
	BAP	ng/m3	1	ND	ND	ND	ND	ND	ND
	CO	mg/m3	2	0.67	0.64	0.31	0.27	0.63	0.68
	NH3	µg/m3	400	ND	ND	ND	ND	ND	ND

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	Ozone		180	26.7	28.89	24.38	24.63	21.65	24.65
	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
Average	**PM10**	µg/m3	**100**	**88.51**	**85.14**	**83.03**	**79.68**	**83.58**	**90.32**
	PM2.5		**60**	**38.78**	**35.67**	**33.47**	**32.14**	**33.99**	**39.79**
	SO2		**80**	**19.86**	**16.20**	**16.25**	**13.50**	**16.86**	**18.90**
	NOx		**80**	**26.96**	**24.94**	**25.42**	**21.11**	**25.41**	**28.11**
	C6H6		**5**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	BAP	**ng/m3**	**1**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	CO	**mg/m3**	**2**	**0.73**	**0.62**	**0.26**	**0.25**	**0.61**	**0.76**
	NH3	**µg/m3**	**400**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
	Ozone		**180**	**22.03**	**21.03**	**17.81**	**20.84**	**17.62**	**19.13**
	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 April 2023 – September 2023 for Ammonia –Urea (2200 MTPD & 3850 MTPD) plant of HURL at Gorakhpur

HURL GORAKHPUR, NOISE DATA (April 2023 to September 2023)								
Month	Parameters	Prescribed Limits in db(A) as per NAAQS Ind./Res. Area	HURL Plant Main Gate (SA 1)	HURL admin Building (SA 2)	HURL Quarter No. B-28 (SA 3)	HURL Residence Quarter No. D-186 (SA 4)	Rubber Dam (SA 5)	Bargadwa Near Railway Crossing (SA 6)
April-2023	24 hrs. Avg Leq Value db (A)	-	48.84	50.48	44.92	46.27	44.05	54.58
	Day time Avg Leq Value db (A)	75/55/65	50.83	53.23	45.60	47.60	44.91	55.61
	Night time Avg Leq Value db (A)	70/45/55	45.31	45.61	43.70	43.91	42.52	52.76
May-2023	24 hrs. Avg Leq Value db (A)	-	48.38	51.06	44.37	45.95	44.22	53.15
	Day time Avg Leq Value db (A)	75/55/65	49.70	53.71	44.83	47.18	44.69	55.12
	Night time Avg Leq Value db (A)	70/45/55	45.83	45.69	43.69	43.16	43.18	49.64
June-2023	24 hrs. Avg Leq Value db (A)	-	50.60	51.71	43.56	46.26	43.70	55.76
	Day time Avg Leq Value db (A)	75/55/65	54.03	55.14	44.40	48.31	44.59	58.33
	Night time Avg Leq Value db (A)	70/45/55	43.75	44.68	41.88	42.58	41.94	50.72
July-2023	24 hrs. Avg Leq Value db (A)	-	51.59	51.92	45.98	46.94	44.67	56.76
	Day time Avg Leq Value db (A)	75/55/65	54.85	55.40	47.22	48.93	45.60	59.28

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	Night time Avg Leq Value db (A)	70/45/55	45.09	44.96	43.50	42.96	42.82	51.76
August-2023	24 hrs. Avg Leq Value db (A)	-	52.12	52.66	47.21	47.67	45.78	57.11
	Day time Avg Leq Value db (A)	75/55/65	55.61	56.42	48.77	49.84	46.80	59.50
	Night time Avg Leq Value db (A)	70/45/55	45.15	45.16	44.11	43.35	43.75	52.36
September-2023	24 hrs. Avg Leq Value db (A)	-	53.58	52.68	48.69	47.74	46.67	58.49
	Day time Avg Leq Value db (A)	75/55/65	57.11	56.78	51.36	50.75	48.65	61.58
	Night time Avg Leq Value db (A)	70/45/55	46.55	44.50	43.39	41.74	42.73	52.33
Average	**24 hrs. Avg Leq Value db (A)**	-	**50.85**	**51.75**	**45.78**	**46.80**	**44.84**	**55.97**
	Day time Avg Leq Value db (A)	**75/55/65**	**53.68**	**55.11**	**49.12**	**49.84**	**47.02**	**60.12**
	Night time Avg Leq Value db (A)	**70/45/55**	**45.28**	**45.46**	**43.37**	**42.68**	**43.10**	**52.15**

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Annexure-1

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

HURL Gorakhpur, Ground Water Quality Data Average Result (April 2023 to September 2023)
(Results are expressed in mg/l, unless otherwise stated)

Sr. No.	Parameters	Average Analysis Results			Requirement (Acceptable)/Permissible Limits (IS: 10500:2012)
		Borewell Admin Building (GW1)	Handpump Quarter No. B-8 (GW2)	Hand PumpBargadwa (GW3)	
PHYSICAL					
1.0	pH	7.48	7.59	7.48	**6.5-8.5**
2.0	Temperature	25.97	26.17	26.54	-
3.0	Colour	<5	<5	<5	**5/15**
4.0	Odour	ND	ND	ND	**Agreeable**
5.0	Taste	ND	ND	ND	**Agreeable**
6.0	Turbidity (NTU)	ND	ND	ND	**1/5**
7.0	Total Suspended Solids	22.64	20.67	20.27	-
8.0	Total Dissolved Solids	344.00	346.33	339.71	**500/2000**
CHEMICAL					
1.0	P-Alkalinity as ($CaCO_3$)	ND	ND	ND	-
2.0	Total Alkalinity as ($CaCO_3$)	181.00	178.67	180.00	**200/600**
3.0	Chloride as Cl	44.22	36.70	36.67	**250/1000**
4.0	Sulphate as (SO_4)	30.49	24.83	24.88	**200/400**
5.0	Nitrate as (NO_3)	3.71	3.77	3.44	**45/NR**
6.0	Fluoride as (F)	ND	ND	ND	**1.0/1.5**
7.0	Total Hardness as ($CaCO_3$)	231.00	219.00	233.00	**200/600**
8.0	Ca Hardness as ($CaCO_3$)	179.33	161.33	171.00	-
9.0	Mg Hardness as ($CaCO_3$)	51.67	57.67	62.00	-
10.0	Sodium as Na	21.67	20.17	23.00	-
11.0	Potassium as K	8.83	7.50	8.17	-
12.0	Silica as SiO_2	17.33	19.33	22.00	-
13.0	Iron as Fe	0.25	0.42	0.40	**0.3/NR**

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Annexure-1

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

HEAVY METALS					
1.0	Manganese as Mn	ND	ND	ND	**0.1/0.3**
2.0	Total Chromium as Cr	ND	ND	ND	**0.05/NR**
3.0	Lead as Pb	ND	ND	ND	**0.01/NR**
4.0	Zinc as Zn	0.37	0.35	0.31	**5.0/15**
5.0	Cadmium as Cd	ND	ND	ND	**0.003/NR**
6.0	Copper as Cu	ND	ND	ND	**0.05/1.5**
7.0	Nickel as Ni	ND	ND	ND	**0.02/NR**
8.0	Arsenic as As	ND	ND	ND	**0.01**
9.0	Selenium as Se	ND	ND	ND	**0.01/NR**
OTHERS					
1.0	Oil & Grease	ND	ND	ND	**0.01/0.03**
2.0	Phenolic compound as C6H6OH	ND	ND	ND	**0.001/0.002**
3.0	Total Coliform (MPN/100 ml)	Absent	Absent	Absent	-

NR= No Relaxation, *Calcium as Ca, ** Magnesium as Mg

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Annexure-1

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

HURL Gorakhpur, Surface Water Quality Data Average Result (April 2023 to September 2023)
(Results are expressed in mg/l, unless otherwise stated)

Sr. No.	Parameters	Average Analysis Results			Requirement (Acceptable)/ Permissible Limits (IS: 10500:2012)
		Raw Water Pump House (SW1)	ChilwaTaal (SW2)	Rohini River (SW3)	
PHYSICAL					
1.0	pH	7.58	7.61	7.54	**6.5-8.5**
2.0	Temperature	28.72	28.15	27.85	-
3.0	Colour	23.50	24.97	21.80	**5/15**
4.0	Turbidity (NTU)	31.57	31.10	32.07	**1/5**
5.0	Total Suspended Solids	47.67	48.67	43.33	-
6.0	Total Dissolved Solids	406.67	345.67	398.67	**500/2000**
CHEMICAL					
1.0	Total Alkalinity as (CaCO3)	166.00	175.67	171.33	**200/600**
2.0	Chloride as Cl	52.67	39.33	38.67	**250/1000**
3.0	Sulphate as (SO4)	40.70	28.25	29.10	**200/400**
4.0	Nitrate as (NO3)	3.35	3.53	3.72	**45/NR**
5.0	Fluoride as (F)	ND	ND	ND	**1.0/1.5**
6.0	Total Hardness as (CaCO3)	240.33	211.67	230.67	**200/600**
7.0	Ca Hardness as (CaCO3)	174.33	155.33	171.67	-
8.0	Mg Hardness as (CaCO3)	66.67	61.33	59.00	-
9.0	Dissolved Oxygen	6.67	6.85	6.80	-
10.0	COD	18.33	22.67	22.00	-
11.0	BOD (3 days at 27°C)	4.22	5.17	5.67	-
12.0	Sodium as Na	25.67	32.33	35.00	-
13.0	Potassium as K	6.17	12.83	11.50	-

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Annexure-1

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

HEAVY METALS					
1.0	Iron as Fe	0.35	0.30	0.49	**0.3/NR**
2.0	Manganese as Mn	ND	ND	ND	**0.1/0.3**
3.0	Total Chromium as Cr	ND	ND	ND	**0.05/NR**
4.0	Lead as Pb	ND	ND	ND	**0.01/NR**
5.0	Zinc as Zn	0.33	0.41	0.30	**5.0/15**
6.0	Cadmium as Cd	ND	ND	ND	**0.003/NR**
7.0	Copper as Cu	ND	ND	ND	**0.05/1.5**
8.0	Nickel as Ni	ND	ND	ND	**0.02/NR**
9.0	Arsenic as As	ND	ND	ND	**0.01**
10.0	Selenium as Se	ND	ND	ND	**0.01/NR**
OTHERS					
1.0	Oil & Grease	ND	ND	ND	**0.01/0.03**
2.0	Phenolic compound as C6H6OH	ND	ND	ND	**0.001/0.002**
3.0	Total Coliform (MPN/100 ml)	587	641	763	-

NR= No Relaxation, *Calcium as Ca, ** Magnesium as Mg

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Annexure-2

4293/20

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Rs.5000

FIVE THOUSAND RUPEES

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INDIA

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24 JUN 2020

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DD 95867

पट्टा विलेख

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

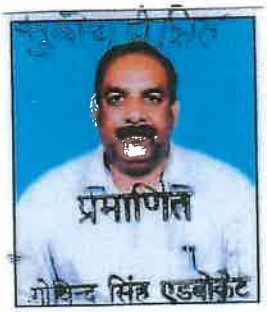
औसत वार्षिक किराया (मु0 10,000=00 प्रतिवर्ष X 7.745 हेक्टेयर)= मु0 77450=00

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, गोरखपुर

सुबोध दिक्षित
SUBODH DIXIT
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HURL, Gorakhpur

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हिन्दुस्तान उर्वरक एवं रसायन लि० गोरखपुर (यूनिट गोरखपुर
जीएस सुबोध दीक्षित मालिक प्रभाग

दिनेश कुमार मिश्र स्टाम्प विक्रेता
ना०सं०-117
कलेक्ट्रेट, गोरखपुर

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भारत

रु.5000 Rs.5000

पाँच हजार रुपये FIVE THOUSAND RUPEES

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INDIA

24 JUN 2020

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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

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29.6.2020

हिन्दुस्तान उर्वरक एवं रसायन लि० गोरखपुर यूनिट गोरखपुर
जारिए प्रयोग दीक्षित कलेक्ट्रेट प्रयागराज

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

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भारत

रु.5000 पाँच हज़ार रुपये

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24 JUN 2020

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
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Sr. Manager
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HURL, Gorakhpur

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29.6.2020

नो० 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

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INDIA

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

15 JUN 2021

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।

राजस्व निरीक्षक
नगर निगम, गोरखपुर

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

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29-6-2020

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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 तद्नुसार 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।

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

1000
36
29.6.2020

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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.

AJAY 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 अनुक्रमांक 2020000950014524

AJAY KUMAR STAMP VENDER L.No. 44 Collectt. Gorakhpur

पट्टा विलेख/ कबूलियतनामा

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 गोरखपुर
HURL Gorakhpur

राजस्व निरीक्षक
गोरखपुर

58
39
29.6.2020

सा० सं० 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 यूनिलीवर लिमिटेड गोरखपुर
HUKL Gorakhpur

साक्षीगण:–

1– अतुल कुमार S/o
सुबाष चन्द्र राय
ग्रा० दुधरा पो० बनियाबारी
खलीलाबाद, सन्त कबीर नगर

2– राम 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

50
40
29/6/2020

सा० नं० 33

आवेदन सं०: 202000950014524

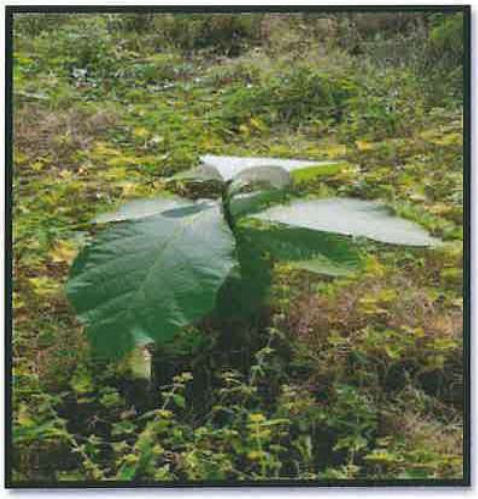
बही संख्या 1 जिल्द संख्या 16010 के पृष्ठ 357 से 382 तक क्रमांक 4293 पर दिनाँक 29/06/2020 को रजिस्ट्रीकृत किया गया।

KUMAR STAMP VENDOR Collectry Gorakhpur

रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

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

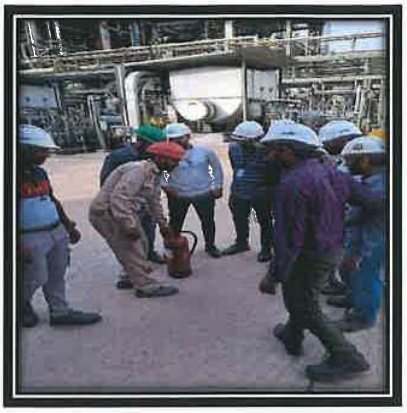
Plantation Picture(Annexure-3)



Annexure 4: Photographs Phase -1 Plantation at HURL Gorakhpur

Land Preparation -Annexure (5)

Safety Training Photographs Annexure-6(a)



Safety Training Attendance Annexure-6(b)

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

Date: 26.06.23

Topic Discussed: Emergency Preparedness

Sl. No.	Name	Signature
1	Umashankar	Umashankar
2	Rajkumar	राजकुमार
3	Nagendra pal	नागेन्द्र पाल
4.	Manish sharma	[illegible]
5.	Vikash singh	Vikash Singh
6.	Vikash narayan pandey	Vikash
7.	Devendra sharma	देवेन्द्र शर्मा
8	Chandan sharma	Chandan Sharma
9	Ram k. dubey	Ram K dubey
10	Vijay singh	Vijay Singh
11	Rahul	Rahul
12	Dhirendra Shrivastva	[illegible]
13	Sudeep k.	[illegible]
14	Sonu k.	सोनू
15	Satish singh ~~III~~ II	Satish Singh II
16	Jithu	[illegible]
17	Satish k. III	Satish Ku III
18.	Komal yadav	

HINDUSTAN URVARAK & RASAYAN LIMITED
GORAKHPUR (U.P.)

Safety Training

Attendance Sheet

Date: 14.06.23

Topic Discussed: Emergency Preparedness

Sl. No.	Name	Signature
1	Ram Jatish yadav	राम जतिश यादव
2	Satish singh I	सतीश सिंह
3.	Nand Kishor pal	नंद किशोर पाल
4.	Ratan K.	Ratan Kumar
5	Vishal singh	Vishal Singh
6	Manish rajbhar	Manish Rajbhar
7.	Satyapal	Satyapal
8.	Om prakash bhartiya	Om Prakash Bhartiya
9	Sunil K.	Sunil
10	Jitendra (ST)	जितेन्द्र
12.	Ramji	रामजी
13	Sahlal	Sahlal
14	Bhaiyaram	भैया राम
15.	Brijesh Gaurh	ब्रजेश कुमार गौड़
16.	Sushil	सुशील
17.	Sushil varma	Sushil Varma
18	Somveer	Somveer
19	Surjeet Singh	सुरजीत सिंह

Annexure -7

Annexure 7: Environmental Statement For the period April 2022 to March ,2023

(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 Statement: May-2022.

Statement submitted
PART - B
Water and Raw Materials Consumption

1. Water consumption m^3/day

Category	**FY, 2022-2023** (m^3/day)	**FY, 2021-2022** (m^3)
Process	2326	Plant was in construction /Commissioning
Cooling	8928	Plant was in construction /Commissioning
Domestic	343	Not applicable

Water Consumption per MT of product Output

Name of Product	FY, 2022-2023 (m^3/MT)	FY, 2021-2022 (m^3/MT)
Urea	4.60	NA

2. Raw Material Consumption

* Nature of consumption	Raw Material Consumption per MT of product		
	Name of product	FY, 2022-2023	FY, 2021-2022
Natural Gas SM^3/MT of Urea	Urea	695.8	Plant was in construction /Commissioning

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 the 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 premises as per EC norms.
- Complete recycling of Ammonia and Urea Plant Process condensates after treatment in the plant itself resulting in recovery of Ammonia, CO2 and Urea and also serves as water conservation measure.
- Complete recycle of Turbine and other steam condensates to conserve water and chemicals.
- Due to Natural Draft Prilling Tower, emission of Urea dust is very low, which conserves the natural resource and increases the production.
- Due to use of clean fuel and state of 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:

- Maximum recycling of Service Water, Air Compressor Interstate Condensate etc., which were earlier being drained in surface drain.
- Using surface drain water for Green Belt Development in different plant areas 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 plants.
- 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 the bagging plant.
- Running of cooling towers on High cycle of concentration and reducing water losses through blowdown.

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 stored in main concrete.
- 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 in a better management of the same.
- Continuous development of Flora & Fauna by tree plantation and Green Belt Development, Gardens and Landscaping.

PART - C

3. Pollution discharged to the 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	Not Applicable due to zero liquid discharges		NA
(b) Air	Details see in Annexure-1		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, 2022-2023	**FY, 2021-2022**
(a) From process	NIL	Plant was in construction /Commissioning
(b) From pollution control facilities	NIL	Plant was in construction /Commissioning

PART – E

SOLID WASTE

SOLID WASTE	Total Quantity (Kg)	
	FY, 2022-2023	**FY, 2021-2022**
a) From process	NIL	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) Sold	NIL	Plant was in construction /Commissioning
e) Disposed	NIL	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, 2022-2023 Qty	FY, 2021-2022 Qty
Used/spent Oil	NIL	Plant was in construction /Commissioning
Spent Catalyst	NIL	Plant was in construction /Commissioning
Process Sludge	NIL	Plant was in construction /Commissioning
Empty Barrels/Containers/Liners Contaminated with Hazardous Chemicals/Wastes	NIL	Plant was in construction /Commissioning
Contaminated Cotton Rags or other Cleaning Materials	NIL	Plant was in construction /Commissioning
Chemical Sludge from WasteWater Treatment	NIL	Plant was in construction /Commissioning
Sludge from Treatment of Waste Water Arising out of Cleaning/Disposal of Barrels/Containers	NIL	Plant was in construction /Commissioning
Spent Ion Exchange Resin Containing Toxic Metals	NIL	Plant was in construction /Commissioning

Ambient Air Quality Monitoring Statement F.Y 2022-2023

Annexure-7

Period of Monitoring: Financial Year April 2022 to March 2023

Location: Main Gate HURL Plant

DAY	No. of Obs	PARAMETERS											
		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)	Lead ($\mu g/m^3$)
NAAQ Standards		100	60	80	80	05	01	02	400	180	20	06	1.0
Apr-22	8	91.6	56.3	21.3	25.2	<0.01	<0.01	0.75	BDL	16.9	BDL	BDL	BDL
May-22	9	84.8	50.9	18.1	23.3	<0.01	<0.01	0.61	BDL	17.1	BDL	BDL	BDL
Jun-22	8	80.5	48.2	16	22.6	<0.01	<0.01	0.59	BDL	17.1	BDL	BDL	BDL
Jul-22	8	72.3	43.1	14.2	20.3	<0.01	<0.01	0.55	BDL	16.5	BDL	BDL	BDL
Aug-22	9	66.6	39.5	13.1	19.1	<0.01	<0.01	0.52	BDL	14.9	BDL	BDL	BDL
Sep-22	9	60.3	34.6	13.2	18.4	<0.01	<0.01	0.47	BDL	14.6	BDL	BDL	BDL
Oct-22	8	93.9	50.5	16	24.9	<0.01	<0.01	0.59	BDL	18.1	BDL	BDL	BDL
Nov-22	9	105.2	55.6	18.3	27.8	<0.01	<0.01	0.64	BDL	19.3	BDL	BDL	BDL
Dec-22	9	112.5	58.7	19.2	29.1	<0.01	<0.01	0.67	BDL	19.5	BDL	BDL	BDL
Jan-23	9	106.7	53.2	18	25.9	<0.01	<0.01	0.63	BDL	18.6	BDL	BDL	BDL
Feb-23	8	99.1	52.3	19.4	26.3	<0.01	<0.01	0.65	BDL	18.1	BDL	BDL	BDL
Mar-23	8	95.4	46.1	18.3	23.2	<0.01	<0.01	0.61	BDL	16.8	BDL	BDL	BDL
Min. Conc	103	60.3	34.6	13.1	18.4	<0.01	<0.01	0.47	BDL	14.6	BDL	BDL	BDL
Max. Conc		112.5	58.7	21.3	29.1	<0.01	<0.01	0.75	BDL	19.5	BDL	BDL	BDL
Avg		89.1	49.1	17.1	23.8	<0.01	<0.01	0.61	BDL	17.29	BDL	BDL	BDL
98th percentile		111.2	58.2	20.9	28.8	<0.01	<0.01	0.73	BDL	19.46	BDL	BDL	BDL

BDL Below Detection Limit

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

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

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/E&QC/23-24/2606

26th June 2023

To

The Chief Environmental Officer Circle-6
Uttar Pradesh Pollution Control Board
Building. No. TC-12V, Vibhuti Khand, Gomti Nagar
Lucknow-226 010 (Ph 0522-2720828)

Subject: Annual return in form -3 as per the requirement of E-Waste (Management) Rule,2016

Ref:(I) 92707/UPPCB/Gorakhpur/UPPCBRO/CTO/air/GORAKHPUR/2021
(ii) 95103/UPPCB/Gorakhpur (UPPCBRO)/CTO/water/GORAKHPUR/2021

Dear Sir,
We are enclosing herewith the "Annual return in Form-3, for the period of 1st April April 2022 to 31st March 2023" as per E- Waste (Management) Rules,216 for your kind information.

Best regards.
for Hindustan Urvarak and Rasayan Limited

26.06.23
Sanjai Kumar Gupta
Vice President- Technical

Enclosures

(i) Copy to: Regional office Pollution control Board, Gorakhpur

HURL	**HINDUSTAN URVARAK & RASAYAN LIMITED** (A JV of NTPC, CIL, IOCL, FCIL & HFCL) **Gorakhpur**

FORM – 3

[See rules 4(9), 5(4), 6(2), 7(7), 8(5) and 9(5)]

FORM FOR FILING ANNUAL RETURNS

[To be Submitted by producer or manufacturer or refurbisher or dismantler or recycler by 30th day of June following the financial year to which that return relates]

Quantity in Metric Tons (MT) or Kilograms (Kg) per year

1	Name and address of the ~~producer/collection Centre/dismantler/ recycler~~ bulk consumer	Hindustan Urvarak & Rasayan Limited Admin building, HURL Campus Gorakhpur Uttar Pradesh Pin-273007	
2	Name of the authorized person and complete address with telephone and fax numbers and e-mail address	Dr. Adarsh Kumar Hindustan Urvarak & Rasayan Limited Admin building, HURL Campus Gorakhpur Uttar Pradesh Pin-273007	
3	Total quantity e-waste sold/purchased/sent for processing during the year for each category of electrical and electronic equipment listed in the Schedule I (Attach list)	**Nil**	
	Details of the above	Type	Quantity
3(A)*	**DISMANTLERS:** Quantity of e-waste in MT purchased & processed and sent to (category wise):	Not Applicable	
3(B)*	**RECYCLERS:** Quantity of e-waste in MT purchased/processed (category wise):	Not Applicable	
4	Name and full address of the destination with respect to 3 (A-B) above	Not Applicable	
5	Type and quantity of materials segregated/ recovered from e-waste of different categories as applicable to 3(A) & 3(B)	Type	Quantity
		Not Applicable	

Place Gorakhpur

Date 26/06/2023

Signature of the authorized person

डॉ. आदर्श कुमार
प्रबन्धक (पर्यावरण और गुणवत्ता नियंत्रण)
Dr. Adarsh Kumar
Manager (E & QC)
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