



## Uttar Pradesh Pollution Control Board

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194430/UPPCB/Gorakhpur(UPPCBRO)/CTO/both/GORAKHPUR/2023

Date: 28/12/2023

To,

M/s

**HINDUSTAN URVARAK AND RASAYAN LIMITED**

**FERTILIZER CAMPUS,GORAKHPUR,273007**

Application Id-  
23103767

**Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981**

CCA is hereby granted to **HINDUSTAN URVARAK AND RASAYAN LIMITED** located at **FERTILIZER CAMPUS,GORAKHPUR,273007**. subject to the provisions of the **Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **HINDUSTAN URVARAK AND RASAYAN LIMITED** granted for the period from **01/01/2024 to 31/12/2027** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Ammonia	2200	Metric Tonnes/Day
2	Neem Coated Urea	3850	Metric Tonnes/Day

**2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-**

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	50 KLD	STP	
Industrial	3600 KLD	ETP	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

### Industrial Effluent Quality Standard

S.No.	Parameter	Standard
1	pH	As per E(P)A Rules, 1986
2	BOD (mg/L)	As per E(P)A Rules, 1986

3	COD (mg/L)	As per E(P)A Rules, 1986
4	TSS (mg/L)	As per E(P)A Rules, 1986
5	Oil & Grease (mg/L)	As per E(P)A Rules, 1986

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	As per E(P) Act, 1986
2	BOD (mg/L)	As per E(P) Act, 1986
3	TSS (mg/L)	As per E(P) Act, 1986
4	Fecal Coliform (MPN/100ml)	As per E(P) Act, 1986

### 3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

#### Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Prilling Tower		7	Particulate Matter	As per E(P)A Rules, 1986
2	101 BL Reformers stack	Natural Gas	4	Sulphur Dioxide	As per E(P)A Rules, 1986
3	3125 KVA DG Set	Diesel Oil	5	Sulphur Dioxide	As per E(P) Act, 1986
4	3125 KVA DG Set	Diesel Oil	6	Sulphur Dioxide	As per E(P) Act, 1986
5	HRSG Boiler having capacity 50 TPH	Natural Gas	1	Sulphur Dioxide	As per E(P) Act, 1986
6	HRSG Boiler having capacity 50 TPH	Natural Gas	2	Sulphur Dioxide	As per E(P) Act, 1986
7	Auxiliary Boiler having capacity 35 TPH	Natural Gas	3	Sulphur Dioxide	As per E(P) Act, 1986

### Emmission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Sulphur Dioxide	As per E(P)A Rules, 1986
2	2	Sulphur Dioxide	As per E(P)A Rules, 1986
3	3	Sulphur Dioxide	As per E(P)A Rules, 1986
4	4	Sulphur Dioxide	As per E(P)A Rules, 1986
5	5	Sulphur Dioxide	As per E(P)A Rules, 1986
6	6	Sulphur Dioxide	As per E(P)A Rules, 1986
7	7	Particulate Matter	As per E(P)A Rules, 1986

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

#### 4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the

competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

**General Conditions:-**

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

**Specific Conditions:-**

1. This consent is valid only for production Ammonia- 2200 MT/day and Neem Coated Urea 3850 Mt/Day manufacturing unit using Natural gas as raw material and the products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process /fuel/ Plant machinery failing which consent would be deemed void.
2. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
3. The industry shall dispose the hazardous waste through authorized recyclers/TSDF and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 as amended.
4. The industry should be operated in such a way so that there is no adverse impact on public and

environment.

5. The industry shall submit quarterly monitoring reports of treated effluent from a certified / approved laboratory under E.P. Act 1986.
6. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB server. The unit shall maintain strict supervision on fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant.
7. The industry should ensure the operation of the ETP and S.T.P in such a manner that it confirm the standards lay down under the E.P. Rules 1986.
8. The treated effluent shall be allowed to be discharged in the ambient environment only after exhausting options for reuse in industrial process/ irrigation in order to minimize freshwater usage.
9. Electromagnetic Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
10. The industry shall obtain No Objection Certificate (NOC) from the CGWA or the competent authority for abstraction of groundwater within six months failing which this CTO shall stand automatically revoked.
11. The industry shall submit the point wise compliance report of the conditions imposed in the CTE issued by the Board duly verified by the Regional office before starting the trial production and audited balance sheet for the current year and the details of fees deposited within a month otherwise this CTO may be revoked.
12. If the CPCB or UPPCB issues the Closure order against the industry this consent order stands automatically suspended for that period.
13. The industry shall submit Environmental Statement in prescribed form V as per rule no.14 of E.P Rules 1986.
14. The Industry shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safeguard of environment from time to time.
15. The industry shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and maneuvering arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
16. The industry shall submit the copy of Certificate of Registration in compliance of the section no. 11 of The Uttar Pradesh Ground Water (Management and Regulation) Act, 2019 (U.P. Act No-13 of 2019) for existing users of ground water in notified areas within six months failing which this CTO shall stand automatically revoked.
17. The construction of proposed S.T.P and E.T.P will be completed before starting the trial production. The unit will intimate the proposed commissioning date of the STP and ETP well in advance to the Regional

office UPPCB for the assessment of the efficiency of the STP and ETP. The unit shall not discharge any untreated trade effluent or sewage outside the factory premises. This consent shall only be valid from the date of commissioning of the S.T.P and E.T.P.

18. Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.

19. The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission conforms with the standards prescribed under the E.P Act 1986 as amended and will ensure the continuous and uninterrupted data supply from the OCEEMS to the SPCB and CPCB server.

20. The industry shall submit the point wise compliance report of the conditions imposed in the CTE issued by the Board duly verified by the Regional office before starting the trial production and audited balance sheet for the current year and the details of fees deposited within a month otherwise this CTO may be revoked.

21. Industry shall submit monitoring reports of all stacks and ambient air quality from a certified /approved laboratory under E.P. Act 1986.

22. The industry should be operated in such a way so that there is no adverse impact on public and environment.

23. The unit shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section- 21/22 of air Act 1981 (as amended respectively).

24. The use of Pet coke and Furnace oil as a fuel is restricted in compliance of the Hon'ble Supreme court order.

25. 12. Industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986.

26. If there are any changes in the capacity or the quantity of the air and water polluting sources, it should be the responsibility of the industry to seek the prior permission from the concerned authorities before establishing sources different from the EC and CTE issued by the competent authorities.

27. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will be suspended during the pendency of the closure period and after ensuring the compliance and after revocation of closure order, the CTO will be deemed to be restored subject to the effective date of revocation of the closure order, with imposed conditions thereof.

28. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this CTO and attract action under the provisions of Law.

Copy to:

Regional Officer, U.P. Pollution Control Board, Gorakhpur for information and necessary action.

Chief Environmental Officer, Circle-6



**मिशन LIFE - पर्यावरण के लिए जीवन शैली**  
(Lifestyle For Environment )  
**जनसहभागिता का सन्देश**



- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइकिलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रथाक्रीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

**हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |**