



HINDUSTAN URVARAK & RASAYAN LIMITED
(A JV of NTPC, CIL, IOCL, FCIL & HFCL)
Barauni Urvarak Nagar, Begusarai-851115

TO,

Regional officer,
Bihar State Pollution Control Board
Barauni Industrial area
Begusarai.

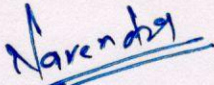
Ref: MoEF&CC, Environmental Clearance Letter No. J-11011/371/2016-IAII (I) dated 29.08.2017.

Sub: Environmental Statement for the financial year ending 31st March 2021.

Sir, we are submitting herewith the environmental statement for the financial year ending 31st March 2021 in respect of upcoming Ammonia & Urea production plant. This is for your kind information.

Thanking you.

For & on behalf of
HURL, Barauni.


Narendra Kumar Soni
Assistant Manager

Encl: Environmental Statement for the financial year ending 31st March 2021.

ENVIRONMENTAL STATEMENT FOR THE PERIOD 01.04.2020 TO
31.03.2021

(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: Goutam Deb
3. Registered Office of the Company:
With address Core-4, 9th Floor, Scope Minar, Laxmi Nagar, District
Centre, New Delhi-110092, India. Tel.: +91-11-
22502267,22502268
4. Factory Address: Hindustan Urvarak & Rasayan Limited
Barauni Urvarak Nagar, Begusarai-851115
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 &
FCIL as two other partners.
7. Date of Last Environmental:
Statement submitted 3rd environmental statement.

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PART - B

Water and Raw Materials Consumption

(1) Water consumption m³/d.

Process : NA
 Cooling : NA
 Construction : 250 to 450 m³/d

(Plant is in construction stage and its schedule commissioning date is expected in Jan-2022)

(2) Raw Material Consumption - NA

* Nature of consumption	Process Raw Material Consumption per unit of product output		
	Quality of product	During the previous financial year	During the current financial year
	-	-	-
	-	-	-
	-	-	-

(Plant is in construction stage and its schedule commissioning date is expected in Jan-2022)

* Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C

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	NA	NA
(b) Air	NA	NA. However, Ambient Air Quality Monitoring data near construction site is attached as Annexure-1	Within prescribed standards (24/8/1 hourly Avg.)

STACK EMISSION TEST:

As the Plant is in under construction phase there is no source point of emission.

Naranda

PART - D

HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (kg)	
	During the previous financial year	During the current financial year
(a) From process	NA	NA
(b) From pollution control facilities	Nil	Nil

(As the plant is in construction phase, there is no generation of hazardous waste as of now.)

PART - E

SOLID WASTE

	Total Quantity	
	During the previous financial year	During the current financial year
a) From process	-	-
b) From pollution control facilities	-	-
c) Quantity recycled or reutilized within the Unit.	-	-
d) Sold	-	-
e) Disposed	-	-

(As the plant is in construction phase, there is no generation of solid waste as of now.)

PART - F

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.

HURL Barauni fertilizer plant is in construction stage and its schedule commissioning is expected in January-2022. Therefore, there is no generation of hazardous waste as of now. However HURL has adopted waste management plan conforming to different national and local regulations. Waste categorization will be in line such as hazardous waste, E-wastes, Used Batteries, Non hazardous Solid waste, Solid wastes (biodegradable) etc. and disposal will be done as per regulation during plant operation phase.

PART - G

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

HURL Barauni fertilizer plant is in construction stage and its schedule commissioning is expected in January-2022. However, HURL is monitoring parameters such as groundwater, surface water and ambient air quality within the plant premises and also outside premise as per EC norms.

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PART - H

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

HURL Barauni fertilizer plant is in construction stage and its schedule commissioning is expected in January- 2022.

Some of the measures taken in this project are mentioned below:

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

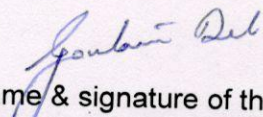
PART - I

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

HURL Barauni fertilizer plant is in construction stage and its schedule commissioning is expected in January- 2022.

Plant is based on natural gas as a raw material with state of the art technology to minimize impact on surrounding environment. As per environment management plan (EMP) all pollution control measures are adopted as integral part of the plant in design stage itself.

Navendu


Name & signature of the Occupier

GOUTAM DEB
GM (Plant)
Hindustan Urvarak & Rasayan Ltd.
Urvarak Nagar, Barauni, Begusarai
(Bihar) 851115