

COMPLIANCE REPORT

(MoEF & CC File No J11011/166/J-11011/2016-IAII(I) Dated 31/7/2017

for

April- Sept 2017

Submitted

to

MoEFCC, Regional Office (Central Zone), Lucknow

Ammonia Urea Fertiliser Plant
(2200MTPD Ammonia & 3850MTPD UREA)

GORAKHPUR

NOVEMBER 2017



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



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

Ref: HURL/HQ/PC/126/GKP/2017/439

Date 28/11/2017

Sri SK Lal,

Scientist C,

Ministry of Environment, Forest and Climate Change,

Regional Office (Central Zone), Kendriya Bhawan, 5th Floor,

Sector H, Aliganj, Lucknow-226024

Ranchi – 834002.

Subject: Ammonia (2200 MTPD) Urea (3850 MTPD) Fertiliser Project at Gorakhpur in District Gorakhpur, UP of M/s Hindustan Urvarak Rasayan Ltd (HURL)---Compliance Report (April-September 2017)

Ref: (i) MoEF&CC, Environmental Clearance Letter no No J11011/166/J-11011/2016-IAII(I) dated 31/7/2017

(ii) Your file no: IV/ENV/UP/Ind-146/427/2017/1101 dated 28.08.17 (enclosed)

Dear Sir,

I draw your kind attention to the subject and letter cited above. As requested, the following documents are being submitted for kind reference and records

- Name/address/telephone/mobile nos of Nodal & Project Officer:** These details are given at Serial No 5 of **Monitoring Proforma, Part I (Data Sheet)** as in **Annexure I** of the Compliance report which is enclosed
- NOC from State Pollution Control Board:** NOC issued by SPCB, UP on as given in **Annexure II of the report**
- Present Status of the project:** The lease/concessional agreement for land transfer to HURL by M/s Fertiliser Corporation of India Ltd (FCIL) is on way to be finalised. However, NOCs with respect to permission for carrying out site activities and other functions at the project sites at Gorakhpur has been



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obtained from M/s FCIL and is given in **Annexure III** of the report. The Turn-Key contract for project is being finalised for award of work for construction of the fertiliser plant and thereafter the construction work at site is likely to begin by April 2018. However, currently various pre-project studies are under progress and no civil/excavation or other construction/engineering work has commenced at the actual site of the proposed plant.

- d) **Compliance of EIA/EMP Report and Environmental Management Plan:** As no civil/excavation or other construction/engineering work has commenced at the actual site of the proposed plant, the compliance conditions applicable are given in **Annexure IV** of the report
- e) **Copy of water withdrawal permission obtained from CGWA/SGWA:** Permission has been granted by State Govt Authorities for drawal of 26400 cum/day from Chilwa Taal (**Annexure V**). Fresh water requirement shall not exceed 5.36 cum/ton of Urea production and the same has been included in the Feasibility Report of the Project. No ground water drawal during construction phase is envisaged
- f) **Rainwater harvesting measures:** A note on rain water harvesting scheme is given in **Annexure VI** of the report
- g) **Green Belt Development Plan:** A proposal for Green Belt development Plan is given in **Annexure VII** of the report
- h) The Environment Clearance Conditions of MoEFCC were published on company web site hurl.net.in and also advertised in the local editions of English and Hindi dailies (**Annexure VIII**) of the report

Yours faithfully

Ram Kumar

(Shri Ram Kumar)
(General Manager), HURL
Admin Building, HURL Campus
Fertilizer, Gorakhpur-273007

Ram

Encl: As above



भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
क्षेत्रीय कार्यालय (मध्य)

Ministry of Environment, Forest and Climate Change
Regional Office (Central Region)



केन्द्रीय भवन, पंचम तल, सेक्टर-एच, अलीगंज, लखनऊ-226024

Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow-226024, Telefax: 2326696, 2324340, 2324047, 2324025
Email: (Env.) m_env@rediffmail.com, (Forest) goimoeffolk@gmail.com

F. No. IV/ENV/UP/Ind-146/427/2017/118

Date: 28.08.2017

To

मे० हिन्दुस्तान उर्वरक एण्ड रसायन लि०।
कोर-2, 2nd फ्लोर, स्कोप माइजर,
लक्ष्मी नगर, डिस्ट्रीक्ट सेन्टर, दिल्ली-92

विषय: अमोनिया यूरिया फर्टिलाइजर प्रोजेक्ट इन डिस्ट्रीक्ट गोरखपुर, उ०प्र०. मे० हिन्दुस्तान उर्वरक एण्ड रसायन लि०। Ammonia Urea Fertilizer Project (Ammonia-2200 MTPD, Urea 3850 MTPD) in district Gorakhpur, UP M/s Hindustan Urvarak and Rasayan Ltd (HURL).

Ref: MoEF & CC, Environmental clearance letter no. J-11011/166//2016-IA II(I), dated 31/07/2017.

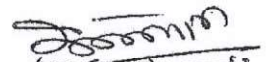
Sir,

Kindly refer to the Environmental Clearance granted by MOEF for the above cited project. Monitoring of the stipulated environmental conditions/safeguards for this project is to be carried out by this office. It is, therefore, requested that the following information/documents may please be submitted to this office on priority both in soft copy (in MS Word -Email: m_env@rediffmail.com) and hard copy (except EIA/EMP report):

1. Name & address of Nodal Officer with Phone No./Fax Number(s)/Mobile Nos.
2. Name & address of the concerned Project Incharge with Phone No./Fax Number(s)/Mobile Nos.
3. Compliance of the Environmental Impact Assessment (EIA) report and Environmental Management Programme (EMP).
4. Present status of the project; date of commencement of construction work along with civil work completed/date of operation. Copy of the consent from State Pollution Control Board.
5. Condition wise compliance status in case project is under construction/operational phase otherwise compliance status of only those conditions applicable at present should be submitted. The compliance status should be submitted regularly on six monthly basis (April to September by 1st December, and from October to March by 1st June) as per EIA notification dated 14.09.2006.

As per the amended notification dated 14.09.2016 & 01.12.2009, it is mandatory that project proponents of Category 'A' projects, accorded environmental clearance by MOEF, should advertise the environmental clearance listing all the stipulated environmental conditions and safeguards in at least two local newspapers. It is also mandatory that PA's should also display information on their website.

The submission of compliance status on regular basis is mandatory therefore delay/ non-submission of this specific information will compel this office to initiate legal action as per the provisions of Environment Protection Act, 1986.


(डा० एस०के० लाल)
वैज्ञानिक "सी"

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Government of India
Ministry of Environment, Forests and Climate Change (MoEF&CC)
Regional Office-Lucknow

MONITORING REPORT

PART I

DATA SHEET

File No

1	Project Type	FERTILISER (NEEM COATED PRILLED UREA)
2	Name of the project	Ammonia-Urea Fertilizer Project , HINDUSTAN URVARAK & RASAYAN LIMITED
3	Clearance letters/OM No. And dated	J11011/166/J-11011/2016-IAII(I) dtd:31.07.2017
4	Locations	Gorakhpur, Uttar Pradesh
	a. Taluk(s) District	Beni Madhaw Gorakhpur
	b. State(s)	Uttar Pradesh
	c. Latitudes/Longitudes	Location Longitude Latitude Elevation, (m) NE Boundary 86°29'37.08"E 23°40'17.44"N 164.90 Northern Boundary 86°29'17.30"E 23°39'48.73"N 165.20 NW Boundary 86°29'2.84"E 23°39'45.45"N 165.20 Centre of FCIL Plant 86°29'25.52"E 23°39'22.45"N 155.45 Eastern Boundary 86°29'0.78"E 23°39'22.08"N 160.02 Western Boundary 86°29'0.78"E 23°39'47.34"N 161.54 Southern Boundary 86°29'38.05"E 23°38'59.17"N 153.01 Source: GPS

5	Address for correspondence	
	a. Address of concerned Project Chief Engineer (with Pin Code & Telephone/Telex/fax nos)	<p>Shri Ram Kumar (GM) HURL Admin Building, HURL Campus Fertilizer, Gorakhpur-273007 Tel:0551-2261178 Mobile: 919650990270</p>
	b. Address of Executive Project Engineer/Manager (with Pin Code/fax numbers)	<p>Subodh Dixit (Sr Manager) Admin Building, HURL Campus Fertilizer, Gorakhpur-273007 Tel:0551-2261178 Mobile: 919415233806</p>
6	Salient Features	
	a. Salient features of the project	<p>The Ammonia and Urea plants shall be one of the latest mega capacity plants (2200 MTPD for Ammonia and 3850 MTPD for Urea). The technology suppliers shall consider the latest technological features with an objective to have lowest energy consumption & high reliability of plant having state of the art technology with latest technological features. Ammonia and Urea plants planned shutdown shall be once in two years. One blast proof central control room for location of control & monitoring of operation of all Ammonia/Urea/Offsite & utility plants shall be provided by LSTK Contractor.</p> <p>The ETP facility shall treat all effluents, continuous, intermittent or emergency discharges from ammonia/urea plants. All liquid treated effluent from various sections of the plants shall be collected in final effluent pond made of RCC. The treated</p>

		<p>effluent shall be pre-treated with chemicals to make it suitable for feeding to RO plant. The RO plant shall be two stage RO system. The treated water from RO shall be recycled back to filtered water tank in WTP. The final reject waste water from RO units shall be further treated in thermal evaporation unit using low pressure steam to achieve zero liquid discharge from ETP plant.</p> <p>All Liquid & gaseous effluents generated from various plants & facilities shall be treated before final discharge to meet the requirements of Central/State pollution control board.</p>
	<p>b of the environmental management plans</p>	<p>An Environmental Management Plan (EMP) has been prepared keeping in view all possible strategies oriented towards the impact minimization. The EMP for the proposed project is divided into three phases i.e. Planning, Construction and Operational phase.</p> <p>During the planning stage, Energy efficient machines with 5 star rating shall be utilised along with LED street lights and use of solar energy. Ultra low NOx burners shall be integrated into the system to reduce NOx emissions. All piping and instrumentation diagrams and plant layout shall be reviewed as a part of HAZOP/HAZAN studies to assess the risks involved. Noise suppression measures such as enclosures and buffers will be used to limit noise levels in areas frequented by personnel to below 85 dB(A). The overall impact of the pollution on the</p>

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			<p>environment during construction phase is localised in nature and is for a short period at all sites. In order to develop effective mitigation plan, all the construction activities shall be undertaken, controlled and managed by LST/Non-LSTK contractor under the guidance of PMC. It is mandatory for these contractors to develop site/project specific HSE Policy, HSE Plan, HSE management system.</p> <p>The environmental management plan during the operational phase of the plant shall be directed towards the following:</p> <ul style="list-style-type: none"> • Ensuring the operation of various process units as per specified operating guidelines/operating manuals. • Strict adherence to maintenance schedule for various machinery/equipment. • Good Housekeeping practices. • Post project environmental monitoring
7		Break up of the project area	
	a	Project area	350 Acre
8		Breakup of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only, both dwelling units and agriculture land and landless labours/artisans	No Project Affected Persons are involved as there is no displacement of population
	a	SC,ST/Adivasis	NA
	b	Others	NA

9	Financial Details			
	a	Project cost as originally planned and subsequent revised estimates and the years of price reference	Rs 6309 crore (Feb, 2017)	
	b	Allocation made for environmental management plans with item wise and year wise breakup	It is included in the project cost. Actual cost will be furnished after finalisation of engineering details	
	c	Benefit cost ratio/internal rate of return and the years of assessment	Debt Service Coverage Ratio*	1.65
			Internal rate of Return*	12.2
			*As per Project Feasibility Report	
	d	Whether (c) includes the cost of environmental management as shown in (b) above	Yes	
	e	Total expenditure on the Project so far	Rs 8.51 Crore (From 01.04.2016 to 27.11.2017)	
	f	Actual expenditure incurred on the environmental management plans so far	Rs 28.55 lakh (From 01.04.2016 to 27.11.2017)	
10	Forest land requirement		No forest land is involved	
	a	The status of approval for a diversion of forest land for non-forestry use	NA	
	b	The status of compensatory afforestation, if any	NA	
	c	The status of clear felling	NA	
	d	Comments on the viability and sustainability of compensatory afforestation in the light of actual field experience so far	NA	
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach road) if any with quantitative information		NA	
12	Status of Construction			
	a	Date of commencement	1st April 2018	

	b	Date of completion (actual and / or planned)	30th March 2021
13		Reasons for the delay if the project is yet to start	NA
14		Date of site visit	
	a	The dates on which the project was monitored by the Regional Office on previous occasions, if any	Not inspected by RO, MoEFCC
	b	Date of site visit for this monitoring report	Not informed by RO, MoEFCC

Ram Kumar

(Shri Ram Kumar)
(GM) HURL
Admin Building, HURL Campus
Fertilizer, Gorakhpur-273007

Ram Kumar

Ram Kumar



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड,
टी.सी. - 12, वी. विभूति खण्ड,
गोमती नगर, लखनऊ

पंजीकृत

वैधता अवधि-05 वर्ष हेतु मान्य

संदर्भ संख्या H.12.332 / सी-6/एनओसी-268/जीओपी/17 दिनांक 12.11.17

सेक में
श्री हिन्दुस्तान उर्वरक एवम् रसायन लिमिटेड,
गोरखपुर।

विषय: पर्यावरणीय प्रदूषण की दृष्टि से गोरखपुर फर्टिलाइजर प्लांट को पुनर्जीवित करने हेतु श्री हिन्दुस्तान उर्वरक एवम् रसायन लिमिटेड की स्थापना सहमति (अनापत्ति प्रमाण पत्र) निर्गमन के सम्बन्ध में।

महोदय,
कृपया उपरोक्त विषयक अपने अनापत्ति प्रमाण हेतु आवेदन पत्र प्राप्त दिनांक 06.10.2017 का संदर्भ लें। संस्था को पर्यावरणीय प्रदूषण के दृष्टिकोण से निम्नलिखित विशिष्ट शर्तों एवं सामान्य शर्तों (संलग्नक) के समुचित अनुपालन के साथ त्तरात स्थापना सहमति (अनापत्ति प्रमाण पत्र) स्वीकृत किया जाता है।

1. अनापत्ति प्रमाण पत्र निम्नलिखित विशिष्ट विवरणों के लिए ही निर्गत किया जा रहा है।

- (क) स्थल: श्री फर्टिलाइजर कार्पोरेशन आफ इंडिया गोरखपुर के परिसर में।
- (ख) प्रक्रिया उपरान्त उत्पाद- 2200 एमटी/दिन अमोनिया एवम् 3850 टन/दिन नीम कोटेड यूरिया।
- (ग) मुख्य कच्चे माल: नेचुरल गैस - 2.4 एमएमएससीएमडी एवम् जल 1450 घनमीटर/घंटा।
- (घ) घरेलू उत्प्रेषण की मात्रा: 50 किलोलीटर/दिन
- (ङ) औद्योगिक उत्प्रेषण की मात्रा: 150 क्यूबिक मी/घंटा
- (च) प्रयुक्त ईंधन: 2000 क्यूबीएमटी क्षमता के जनरेटर सेट हेतु डीजल ऑयल।

उपर्युक्त विषय वस्तु में से किसी भी प्रकार से परिवर्तन करने पर पुनः अनापत्ति प्रमाण-पत्र प्राप्त करना आवश्यक होगा।

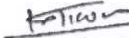
- उद्योग का संचालन तब तक प्रारम्भ नहीं किया जायेगा जब तक कि वह राज्य बोर्ड से जल एवं वायु अधिनियमों के अन्तर्गत सहमति प्राप्त न कर लें। जल एवं वायु सहमति प्राप्त करने हेतु इकाई में संचालन प्रारम्भ करने की तिथि से कम से कम 02 माह पहले निर्धारित सहमति आवेदन पत्रों को संचालन पूर्व प्रथम आवेदन का उल्लेख करते हुये इस कार्यालय में अवश्य जमा कर दिया जाये।
- पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार के पत्र दिनांक-31.7.17 द्वारा जारी पर्यावरणीय स्वीकृति के शर्तों का अनुपालन सुनिश्चित किया जाटे।
- उद्योग में रॉवाटर की आपूर्ति केवल चिलुवा ताल से ही की जायेगी तथा जल खपत किसी भी दरा में 5.36 किलोलीटर प्रतिटन यूरिया उत्पादन से अधिक न हो।
- उद्योग में दिये गये प्रस्ताव के अनुसार उत्प्रेषण शुद्धिकरण संयंत्र की स्थापना की जाये तथा शुद्धिकृत उत्प्रेषण को बोर्ड द्वारा निर्धारित मानकों के अनुरूप शुद्धिकृत करके पुनः प्रयोग किया जाये। उद्योग परिसर से बाहर उत्प्रेषण निस्तारित न किया जाये।
- भूगर्भ जल संरक्षण हेतु उद्योग परिसर में रेन वाटर हार्वेस्टिंग की स्थापना की जाये।
- उत्सर्जन के समयत चोटों पर स्कवर स्थापित किया जाये।
- उद्योग में प्रस्तावित 2000 क्यूबीएमटी क्षमता के साइलेंट डीजेल सेट से सम्यक् एक्जॉस्ट की ऊँचाई पर्यावरण संरक्षण अधिनियम 1986 तथा संशोधित के अनुरूप रखा जाटे।

...2

8. इकाई में स्थापित किये जाने वाले 85 टन/घंटा क्षमता के ब्याचलर में नेचुरल गैस का प्रयोग किया जाये तथा धिमनी की ऊँचाई पर्यावरण संरक्षण अधिनियम 1986 में निर्धारित मानकों के अनुरूप स्थापित की जाये।
9. उद्योग में 2 X 5000 टन अमोनिया का भण्डारण पूर्ण सुरक्षा उपायों के साथ सुनिश्चित किया जाये
10. समस्त उत्सर्जन स्रोतों पर आनलाइन 24 X 7 रियलटाइम मानीटरिंग सिस्टम की स्थापना की जाये तथा इसे केन्द्रीय प्रदूषण नियंत्रण बोर्ड एवम् राज्य बोर्ड के वेबसाइट से कनेक्ट किया जाये।
11. उद्योग में परिवेशीय वायु गुणता पर्यावरण वन एवम् जलवायु परिवर्तन मंत्रालय भारत सरकार द्वारा जारी अधिसूचना संख्या जी0एस0आर0 न0 826(ई) दिनांक-16.11.2009 में अधिरोपित मानकों के अनुरूप रहे।
12. यूरिया प्लांट से जगित यूरिया डस्ट की मात्रा सदैव मानकों के अनुरूप रखने हेतु यथोचित व्यवस्थाओं की स्थापना की जाये। फिलिंग टावर की ऊँचाई प्रस्तावानुसार भूतल से कम से कम 100 मीटर ऊँची स्थापित की जाये।
13. उद्योग परिसर में कम से कम 33 प्रतिशत भूभाग के कम से कम 30 मीटर चौड़ी हरित पट्टिका जिसमें देसी पत्तेदार पौधे की कम से कम 03 पक्कियाँ हों, विकसित की जायें।
14. पर्यावरण संरक्षण अधिनियम 1986 के प्राविधानों एवम् इसमें उल्लिखित अधिनियमों का समुचित अनुपालन सुनिश्चित किया जाये।
15. उपरोक्त शर्तों के अनुपालन हेतु ₹0 10 लाख (₹0 दस लाख) की बैंक गारंटी विलम्बतम 15 दिन में प्रेषित की जाये।

कृपया ध्यान दें कि उपर्युक्त लिखित विशिष्ट शर्तों एवं सामान्य शर्तों का प्रभावी एवं संतोपजनक अनुपालन न करने पर बोर्ड द्वारा निर्गत अनापत्ति प्रमाण पत्र निरस्त कर दिया जाएगा। बोर्ड का अधिकार सुरक्षित है कि अनापत्ति की शर्तों में संशोधन किया जाय अथवा निरस्त कर दिया जाय। उपर्युक्त विशिष्ट एवं सामान्य शर्तों के सम्बन्ध में उद्योग द्वारा इस कार्यालय में दिनांक 31.12.2017 तक प्रथम अनुपालन आख्या अवश्य प्रेषित की जाए। अनुपालन आख्या नियमित प्रेषित की जाए अन्यथा अनापत्ति प्रमाण पत्र निरस्त भी किया जा सकता है।

भवदीय,


(आशीष तिवारी)
सदस्य सचिव

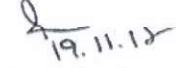
19.11.2017

पृष्ठांकन सं0

/एन. ओ. सी.

तद दिनांक

कृतिपि: क्षेत्रीय अधिकारी, उ0 प्र0 प्रदूषण नियंत्रण बोर्ड, गोरखपुर को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।


मुख्य पर्यावरण अधिकारी
(सर्किल 6)

दि फर्टिलाइजर कार्पोरेशन ऑफ इण्डिया लिमिटेड

(भारत सरकार का उपक्रम)
केन्द्रीय कार्यालय

THE FERTILIZER CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking)
CENTRAL OFFICE



पी.डी.आई.एल. भवन (पांचवा तल)
ए-14, सेक्टर-1
नोएडा-201 301
गौतम बुद्ध नगर (उ०प्र०)



CIN - U74899DL1961GO1003439
PDIL BHAWAN (5TH FLOOR)
A-14, SECTOR-1
NOIDA-201 301
GAUTAM BUDH NAGAR (U.P.)
E-mail : fertcorpindia@nic.in

Ref. No.FCIL/CO/Revival/Gorakhpur/

dated, the 3rd August 2017.

TO WHOMSOEVER IT MAY CONCERN

Fertilizer Corporation of India Limited (FCIL), a PSU under the Ministry of Chemicals and Fertilizers, Government of India, is in possession of land at Gorakhpur, Distt. Gorakhpur, Uttar Pradesh, for production of fertilizer. The operation of the plant was stopped in the year 1990.

Cabinet approved on 13.7.2016 revival of Gorakhpur & Sindri Units of FCIL and Barauni Unit of HFCL by nominated PSUs, namely, M/s. National Thermal Power Corporation (NTPC), M/s. Coal India Limited (CIL) and M/s. Indian Oil Corporation Limited (IOCL). Accordingly, a Joint Venture Company, M/s. Hindustan Urvarak & Rasayan Limited (HURL), has been formed by M/s. National Thermal Power Corporation (NTPC), M/s. Coal India Limited (CIL), M/s. Indian Oil Corporation Limited (IOCL), FCIL and HFCL.

In line with the Cabinet approval, a Concession Agreement is to be entered between FCIL & HURL for right to use/ lease of land for setting up of state-of-the-art Urea Fertilizer plant at Gorakhpur site with an annual capacity of 12.7 lakh Metric Tonne. The Concession Agreement is under finalization.

M/s HURL has projected that the production of Urea would start by August 2020 and they are required to take up various activities at site to complete the project in scheduled time.

This Certificate is issued to enable HURL to get permission/ allocation/ sanction/ clearance from various State Government Authorities/ Bodies, statutory authorities, Central Government Departments for water/ power/ construction and to carry out site activities, etc.

(Sushil Kumar Lohani)
IAS

Chairman & Managing Director

पंजीकृत कार्यालय : 7, इन्स्टीट्यूशनल एरिया, स्कोप कॉम्प्लेक्स, कोर-III, लोदी रोड, नई दिल्ली-110003
Registered Office : 7, Institutional Area, SCOPE Complex, Coro-III, Lodhi Road, New Delhi-110003
एकक : सिंदरी (झारखंड), गोरखपुर (उ०प्र०), रामगुण्डम (तेलंगाना), तलचर (ओडीशा)
Unit : Sindri (Jharkhand), Gorakhpur (U.P.), Ramagundam (Telangana), Talcher (Odisha)
प्रभाग : कोरबा (छत्तीसगढ़) Division : Korba (Chhatisgarh)

Telephone : 0120-2530023, 2530028, 2443920 Fax : 0120-2537613

COMPLIANCE OF EC CONDITIONS FOR APRIL-SEPTEMBER 2017

SI No	COMLIANCE CONDITIONS	Status
A	SPECIFIC CONDITIONS	
(i)	Adequate stack height should be provided to DG sets	This will be complied with during construction and operating phase of the plant
(ii)	Scrubbers should be provided to all emission sources	To control source emissions, scrubber and/or other suitable pollution control device shall be installed to meet the prescribed Particulate Matter emission norms of 50 mg/Nm ³ , and also the NAAQS
(iii)	Fresh water requirement shall not exceed 5.36 cum/ton of Urea production. Fresh water for plant operation shall be sourced from Chilwa Taal.	Fresh water drawal of 26400 cum/day of water will be met from Chilwa Taal for plant operation for which permission has been granted by State Govt (See Annexure V). Fresh water requirement shall not exceed 5.36 cum/ton of Urea production and the same has been included in the Feasibility Report of the Project.
(iv)	Plantation activity should be carried out around Chilwa Taal	Trees of suitable species will be planted around Chilwa Taal
(v)	As proposed no effluent from plant shall be discharged outside the plant premises and Zero Discharge shall be adopted. Water consumption shall be reduced by adopting 3 R (reduce, reuse and recycle) concept in the process..	The Project is based on ZLD concept and there will be no discharge outside the project boundary
(vi)	Industry shall develop Green Belt with 10 m width along plant periphery with 3 layers of perennial native plant species. The project proponent shall develop Greenbelt with plantation of native perennial trees in an area of 33% ie nearly 130 acres out of 350 acres of plant area of the project.	The conditions for provision of Green Belt will be complied with and will be in place by the time of Commissioning of the Plant. Green Belt Plan is given in <u>Annexure VII</u>
(vii)	A plan shall be prepared and implemented for the conservation of Chilwa Taal giving special emphasis on protection of conservation of its natural recharge channels	The Company is in the process of identifying suitable agencies for formulating and implementing the Conservation Plan for Chilwa Taal and the same will be in place by the time of commissioning of the plant.
(viii)	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 made during Public Hearing/Public Consultation meeting held on 24th April, 2017 will be satisfactorily implemented and adequate budget provision will be made by the Project accordingly
(ix)	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. The ECS Plan will include the following activites:	ESC programme will be carried out and adequate budget will be provided by the Project. Detail action plan along with budget will be provided once the plant becomes operational. Plantation of trees in neighbouring villages will be also carried out (<u>Annexure VII</u>)

	<p>a) Setting up of a Multi Speciality Hospital with free of cost treatment for residents of local villages located within 5 km radius of the plant</p> <p>b) Upgradation of existing school with modern education facilities</p> <p>c) 5000 trees per year in 5 year shall be planted in nearby villages with the consultation of the villagers. Survival rate of plants shall be reported to RO, MoEF&CC in 6 monthly compliance report</p> <p>d) Safe drinking water facility with RO Plant in villages located within 3 km radius of the plant with maintenance cost.</p>	
(x)	A regular environment manager having post graduate qualification in environmental sciences/ environmental engineering to be appointed for looking after the environmental management activities of the proposed plant.	<p>The EC conditions relating to establishment of Environmental Cell have been complied with The following arrangements for Environment Cell have been implemented:</p> <p>At the Project Level: Nodal Environmental Officer: Mr S Dixit. Senior Manager, Reporting to Project Head Mr Ram Kumar Gupta</p> <p>At the Corporate Level: Dr R. Dwivedi, Senior Manager, reporting to GM (Projects & TS)</p>
(xi)	Continuous online (24 x7) 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.	This will be implemented in the running plant
(xii)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. The Ammonia storage shall be limited to 2 days	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation
(xiii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation
(xiv)	Storage of hazardous raw material shall not exceed more than 7 days.	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation

(xv)	Urea dust shall be controlled by prescribed standard technique.	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation
(xv)	In Urea Plant, particulate emissions shall not exceed 50 mg/Nm ³ . Monitoring of Prilling Tower shall be carried out as per CPCB guidelines.	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation
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.	This condition will be strictly complied with during pre-construction/construction and operating phase of the plant
(ii)	No further expansion or modifications in the plant shall not be carried out without prior approval of the MoEFCC. In case of deviations or alterations in the project proposal from those submitted to MoEFCC 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.	This condition will be strictly complied with
(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 station 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 stations for the monitoring work to commence in first week of December 2017 has been decided in consultation with the State Pollution Control Board (SPCB) and a total of 5 air monitoring stations have been fixed including one each in upwind and down wind direction
(iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 15 th November, 2009 shall be followed.	This condition will be strictly complied with
(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).	This condition will be strictly complied with during pre-construction/construction and operating phase of the plant
(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 will be complied with as given in Annexure VI
(vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment	This condition will be complied with in the operating plant

	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	
(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 EIAIEMP in respect of environmental management, risk mitigation measures and public hearing be implemented	This condition will be complied with
(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	Once the plant becomes operational CSR activities will be undertaken by involving local villages and administration as per rule and government guidelines
(x)	The company shall undertake all eco-developmental measures including community welfare measures for overall improvement of the environment	Once the plant becomes operational CSR activities will be undertaken by involving local villages and administration as per rule and government guidelines
(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	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation
(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. (xiii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions! representations, if any, were received while processing the proposal.	This has been addressed in the Feasibility Report of the Project and shall be complied with in the plant during operation. The Environment Clearance Conditions of MoEFCC were published on company web site hurl.net.in and also advertised in the local editions of English and Hindi dailies (Annexure VIII)
(xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban local Body and the local NGO,if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Not applicable as no written suggestions on safeguard of environment were received. The Environment Clearance Conditions of MoEFCC were published on company web site hurl.net.in and also advertised in the local editions of English and Hindi dailies (Annexure VIII)
(xiv)	The project proponent shall also submit six monthly reports on the status of	This shall be complied with. Work order for environmental monitoring work has been issued

	compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as bye-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	to M/s PDIL and the monitoring work will commence from December 2017.
(xv)	The environmental statement for each financial year ending 31st March in Form-Vas 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 e-mail	The Environment Statement will be submitted March' 18 onwards
(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	Environment Clearance granted by Ministry vide MoEFCC letter no No J11011/166/J-11011/2016-IAII(I) DATED 31/7/2017 has already been updated on Company website hurl.net.in . The Environment Clearance Conditions of MoEFCC were also advertised in the local editions of English and Hindi dailies (Annexure VIII)
(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.	This shall be complied with and requisite information will be furnished once these approvals are granted

Ram Kumar
 (Shri Ram Kumar)
 (GM) HURL
 Admin Building, HURL Campus
 Fertilizer, Gorakhpur-273007

Aus.

प्रेषक,

नरेन्द्र सिंह पटेल,
विशेष सचिव,
उ० प्र० शासन।

सेवा में,

1. जिलाधिकारी,
गोरखपुर।

2. प्रबन्ध निदेशक,
एच.यू.आर.एल.इकाई कोर-2,
दूसरा तल, रकोष भिनार लक्ष्मीनगर, डिस्ट्रिक्ट सेंटर,
दिल्ली-11009 गोरखपुर,
गोरखपुर।

3. महाप्रबन्धक/मुख्य कार्यकारी
अधिकारी, एफ०सी०आई०एल०,
गोरखपुर।

औद्योगिक विकास अनुभाग-3

लखनऊ: दिनांक 17 नवम्बर, 2017

विषय:- गोरखपुर में स्थित फर्टिलाइजर कार्पोरेशन आफ इण्डिया लि० (एफ.सी.आई.एल) गोरखपुर को आवंटित कुल 993.335 एकड़ भूमि में से 600 एकड़ भूमि एच०यू०आर०एल० गोरखपुर को लीज पर दिए जाने के सम्बन्ध में।

महोदय,

उपर्युक्त विषयक प्रबन्ध निदेशक, हिन्दुस्तान उर्वरक और रसायन लिमिटेड के पत्र सं०-हर्ल/नई दिल्ली, दिनांक 10.06.2017 तथा जिलाधिकारी गोरखपुर के पत्र संख्या-115/भू०व्यय-2017, दिनांक 11.09.2017 का कृपया संदर्भ ग्रहण करने का कष्ट करें, जिसमें गोरखपुर में स्थित फर्टिलाइजर कार्पोरेशन आफ इण्डिया लि० (एफ.सी.आई.एल.) गोरखपुर को आवंटित कुल 993.335 एकड़ भूमि में से 600 एकड़ भूमि एच०यू०आर०एल० गोरखपुर को लीज पर दिए जाने की अनुमति प्रदान करने का अनुरोध किया गया है।

2. उक्त संदर्भित पत्र के प्रस्ताव के सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि गोरखपुर स्थित फर्टिलाइजर कार्पोरेशन आफ इण्डिया लिमिटेड की 600 एकड़ भूमि निम्न प्रतिबन्धों के अधीन हिन्दुस्तान उर्वरक और रसायन लिमिटेड को दिए जाने पर अनुमति प्रदान की जाती है :-

- 1- एच०यू०आर०एल० एक संयुक्त उपक्रम है, जिसमें एफ०सी०आई०एल० एक साझीदार है। एच०यू०आर०एल० को दी जाने वाली 600 एकड़ भूमि का भू-उपयोग (Land Use) का परिवर्तन एच०यू०आर०एल० द्वारा नहीं किया जायेगा।
- 2- एच०यू०आर०एल० को दी जाने वाली 600 एकड़ भूमि का लीज रेंट एक लाख रु० प्रति वर्ष एच०यू०आर०एल० द्वारा देय होगा।
- 3- एच०यू०आर०एल० को दी जाने वाली 600 एकड़ भूमि का लीज अवधि 55 वर्ष के लिये होगी। कन्वेयन्स डीड की अन्य शर्तें यथावत रहेगी।

भवदीय,

(नरेन्द्र सिंह पटेल)
विशेष सचिव।

कार्यालय अधिशासी अभियन्ता
ड्रेनेज खण्ड, गोरखपुर

पत्रांक: 540 / ड्रे0ख0गो0/वैठक/चिलुवाताल

विषय :

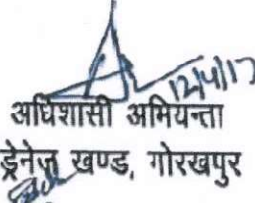
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड की नई अर्गोनिया इकाई लगाने हेतु चिलुवाताल में उपलब्ध पानी का उपयोग करने की अनुमति के सम्बन्ध में।

दिनांक 12-04-2017

प्रोजेक्ट मैनेजर हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर।

उपरोक्त विषयक उपसचिव औद्योगिक विकास अनु-6, उ0प्र0 शासन, लखनऊ के पत्रांक-77/77-6-17-18एम/2013 दिनांक 09.02.2017 एवं मुख्य सचिव, उ0प्र0 शासन की अध्यक्षता में दिनांक 15-02-2017 को जारी कार्यवृत्ति के बिन्दु संख्या-5 पर हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर को संचालित करने हेतु रोहिन नदी के कमाण्ड एरिया में स्थित चिलुवाताल में उपलब्ध पानी को एच0यू0आर0एल0 के पक्ष में स्थानान्तरण सुनिश्चित करने की कार्यवाही हेतु निर्देश दिये गये हैं।

उक्त के क्रम में एच0यू0आर0एल0 को चिलुवाताल में उपलब्ध पानी के उपभोग हेतु अनुमति प्रदान की जाती है। पानी के उपभोग के पूर्व हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड (एच0यू0आर0एल0) को जल मूल्य का भुगतान सिंचाई विभाग को करने के लिए एक अनुबन्ध पत्र/एम0ओ0यू0 गठित करने के उपरान्त अनुबन्ध की शर्तों के अनुसार सिंचाई विभाग को नियमित रूप से जल मूल्य का भुगतान करना होगा।


अधिशासी अभियन्ता
ड्रेनेज खण्ड, गोरखपुर

पत्रांक: _____ / ड्रेखगो / तदिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

- प्रमुख अभियन्ता एवं विभागाध्यक्ष, सिंचाई एवं जल संसाधन विभाग, उत्तर प्रदेश, लखनऊ।
- मुख्य अभियन्ता (गण्डक) सिंचाई एवं जल संसाधन विभाग, उत्तर प्रदेश, गोरखपुर को इस आशय प्रेषित है कि आपके द्वारा दिये गये निर्देशानुसार उपरोक्त आदेश जारी किये गये हैं। कृपया इस औपचारिक स्वीकृति प्रदान करने की कृपा करें।
- आयुक्त, गोरखपुर मण्डल, गोरखपुर।
- अधीक्षण अभियन्ता, गण्डक दाढ़ मण्डल, गोरखपुर।
- जिलाधिकारी, गोरखपुर।

अधिशासी अभियन्ता
ड्रेनेज खण्ड, गोरखपुर

RAINWATER HARVESTING

The rain water collected from the roof of the permanent buildings shall be harvested for ground water recharge as a compensation for meeting the requirement due to loss of permeable area promoting ground water recharging, maintenance of existing hydro-dynamic pattern of the area and to conserve the salinity of ground water of the area. The excess rainwater shall be sent to the trap through storm water drain and attempts shall be made not to mix any process waste with the storm water. The trap shall have two compartments one consisting of sized boulders and the other sized hard coke. The excess water from sized hard coke shall be collected in another tank before discharge in to natural drainage system. The drainage system of project area shall be aligned as per the existing natural drainage pattern of the area.

Rain water harvesting and recharging system shall be installed as per the relevant the central ground water board guidelines applicable for the area. The rain water harvesting / aquifer recharging system have been proposed as water conservation measure. The systems shall be installed at such location of the project area close to the Administrative building so as to facilitate collection of most of the rain water from the roofs of the building of the project area within the project site. Similarly, same system of rain water harvesting system shall be implemented in different colonies of the township.

The bores shall be provided within 3 m deep enclosures, which will comprise layers of boulders, gravel and coarse sand so as to separate suspended matter from the water. Three nos. of ground water recharging system have been proposed to develop in the township area and three nos. in the factory area. Rainwater harvesting system will consist of the following units:

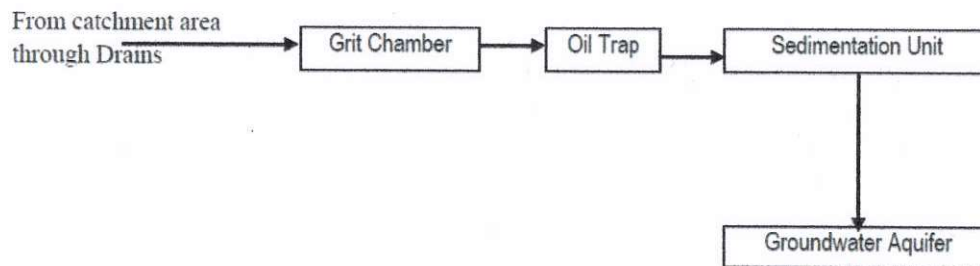
1. Rainwater Collection System
2. Rainwater Filtration System
3. Rainwater Recharging Pond including an active well of depth 20m and dia 100-150mm

The system will be cleaned during dry period and will be made ready to collect water for harvesting from its command area during monsoon. Provision has also been made in the rainwater harvesting system for Chlorination/disinfection especially during the first phase of

monsoon. The system shall be designed as per the guidelines for rainwater harvesting prepared by Central Ground Water Board (Ministry of Water Resources).

The scheme of rain water harvesting and aquifer recharging is presented below:

Block Diagram for Proposed Rain Water Harvesting / Aquifer Recharging System



The rainwater harvesting system for the fertiliser plant will follow the guidelines laid out by different Departments/Ministries as far as possible

- a) Guide on Artificial Recharge of Water, Central Water Ground Board, Ministry of Water Resources, GoI (2000);
- b) Manual on Artificial Recharge of Ground Water, Central Water Ground Board, Ministry of Water Resources, GoI (2007);
- c) Rain Water Harvesting and Conservation: Manua, Consultancy Services Organisation, CPWD, GoI (2002)

The sizing of the rain water collection drain and sub-units including the harvesting pond shall be calculated depending upon the maximum rain intensity within 50 years and roof area of the building after finalization of the building design.

GREEN BELT DEVELOPMENT & PLANTATION OF TREES

The project proponent shall develop greenbelt in an area of 33% i.e., nearly 130 acres out of 350 acres plant area of the project. The greenbelt of 30m width around periphery shall be provided. Plants of suitable species will also be planted around Chilwa Taal. 5000 trees per year in 5 year shall be planted in nearby village with the consultation of the villagers. Survival rate of plants shall be reported to RO, MoEF&CC in 6 monthly compliance reports.

Purpose

Trees and plants are an essential component of healthy environment. In addition to maintaining the oxygen-carbon dioxide balance in the atmosphere through photosynthesis, trees and plants control air and noise pollution, control soil erosion, provide food and shelter to domestic and wild animals including birds and insects, and improve the aesthetic value of the environment. The utility of the green belt predominantly lies in its capacity to attenuate the fugitive emission and spillage. Thus, the objectives of the proposed green belt program are as follows:

- a) To control air pollution due to fugitive emissions and spillage.
- b) To attenuate noise generated by various machines.
- c) To attenuate the effect of accidental release of toxic gases.
- d) To reduce the effect to fire and explosion.
- e) To improve the general appearance and aesthetics of the area
- f) To provide food and habitat for wildlife.
- g) To control soil erosion
- h) To obscure the proposed facilities from general view.

Areas to be Afforested

Sindri fertilizer plant shall be established in about 300 Acres of vacant land in the battery limit of FCI of 1194 acres of land. The total land requirement including the township is 751 Acres land. Green-belt development program shall be undertaken in 33% of the plant area including 30 m wide green belt around the battery limit of the plant. There exists a thick green belt around the existing abandoned fertilizer plant. The existing township is well planned with a proper forestation. While preparing the layout plan for locating the different facilities, extreme care has been exercised to preserve the existing plantation to the extent possible. Trees, lawns and gardens shall be developed within the premises to cover all the vacant areas. Extreme care shall be taken to utilize all available areas for forestation.

Scheme and Species for Green Belt

The general approach for selection of species for green belt development is their potential for attenuation of fugitive emissions and noise, diversity of vegetation, introduction of speciesattracting birds and animals, and to create a natural habitat. It is proposed to develop trees of different heights so as to provide cover from ground level up to the canopy of tall tree species. Further, trees with big foliage and those known to prosper well in the area will be developed. Preference will be given to fruit bearing trees so as to provide food and shelter to birds and insects.

The plan for development of green belt is as given below

- a) The distance between two plants should not be less than 3.0 m so that a 30 m width green belt will have ten rows of plantations. Thus a 30 m width green belt will have a plant boundary of 1.0 km will have 3330 plants.
- b) A pit of 45 cm x45 cm x 45 cm must be dug for plantation of saplings which are at least 6 months old.
- c) Samplings must be planted at the onset of monsoon.

Different species in the green belt suggested to have dense stratified 3 to 5 layer canopy so as to form a visible barrier and wind breaker

- a) On the outer ring of the green belt facing fugitive emissions from the open surface and roads close plantation of 2 to 3 rows of evergreen ***Alstonia scholaris*** intermixed with ***Ficus Cuneata*** and Babul
- b) Behind the outer layer, fast growing evergreen plants having good fugitive emission removing capacity like evergreen ***Mahua Indica*** and ***Derris Indica*** , Sagwan, Gambhar and Putranjiya.
- c) Middle layer may be planted with Silver Oak which is tall, hardy and evergreen
- d) In the next layer some typical hard and fast growing plants like ***Leucaena***, ***Acacia auri-culiformis***, ***Cassia fistula***, ***C. Siamea***, ***Inga ducis*** may also be considered.
- e) In the inner perhibery Bouganvella may be planted as it has high capacity for absorbing toxic gases
- f) Some plants having good timber value like ***Dalbergia sissoo***, ***Albizzia lebbek***, ***Azadiracta indica***, ***Tectons grandis*** along with fruit trees like Ber, Guava, Jamun, Jack fruit and Bel may also be planted to attract birds.
- g) For fencing purpose plants from ***Asclepiadaceae*** and ***Apocynaceae*** families like ***Alstonia Calotropis*** which are resistant to grazing may be considered.
- h) The entire green belt may be interspersed with climbers

Efforts would be made by M/s HURL in collaboration with State Forest Department to explore mutual areas of interest in the area of identifying trees/plants to maintain/enhance the current biodiversity index.



हिंदुस्तान उर्वरक एवं रसायन लिमिटेड

(एनटीपीसी, सीआईएल, आईओसीएल, एफसीआईएल एवं एचएफसीएल का एक संयुक्त उद्यम)
एससीओपीई मीनार, कोर 2, दूसरी मंजिल,
लक्ष्मी नगर डिस्ट्रिक्ट सेंटर, दिल्ली-110092

सार्वजनिक सूचना

हिंदुस्तान उर्वरक एवं रसायन लिमिटेड (एचयूआरएल- सीआईएल, आईओसीएल, एनटीपीसी, एफसीआईएल एवं एचएफसीएल का एक संयुक्त उद्यम) ने गोरखपुर, सिंदरी बरौनी में 3 अमोनिया-यूरिया उर्वरक परियोजनाओं को स्थापित करने के लिए पर्यावरण, वन-जलवायु परिवर्तन मन्त्रालय (एमओईएफसीसी), भारत सरकार, नई दिल्ली से मंजूरी प्राप्त की है। इन परियोजनाओं का निर्माण पुराने फर्टिलाइजर कॉर्पोरेशन ऑफ इंडिया (एफसीआईएल) हिंदुस्तान फर्टिलाइजर कॉर्पोरेशन लिमिटेड (एचएफसीएल) के अभिन्न संयंत्र परिसर की भूमि पर पुनरुद्धार परियोजना के रूप में किया जाएगा जिसका विवरण निम्नवत् है:

क्र. सं.	प्रस्तावित नए अमोनिया यूरिया संयंत्र का स्थान	(एमओईएफसीसी) द्वारा पर्यावरण मंजूरी का पत्र संदर्भ
1.	पुराना एफसीआईएल संयंत्र परिसर, तहसील - गोरखपुर, जिला- गोरखपुर (उत्तर प्रदेश)	जे-11011/166/2016-IA II (I) दिनांक 31 जुलाई 2017
2.	पुराना एफसीआईएल संयंत्र परिसर, सिंदरी, जिला- धनबाद (झारखण्ड)	जे-11011/154/2016-IA II (I) दिनांक 29 अगस्त 2017
3.	पुराना एचएफसीएल संयंत्र परिसर, बरौनी, जिला- बेगूसराय (बिहार)	जे-11011/371/2016-IA II (I) दिनांक 29 अगस्त 2017

इस मंजूरी के अंतर्गत प्रत्येक परियोजना में अमोनिया-2200 एमटीपीडी, यूरिया- 1 एमटीपीडी, अमोनिया भंडारण- 2X5000 एमटी, सलो-40000 एमटी, 60 एमटीपीएच स्लॉट (6+1) बैग भराई संयंत्र के साथ 02 मिलियन खाली बैग भंडारण व भरा बैग भंडारण- 1 एमटी शामिल है।

इस संदर्भ में स्वीकृति पत्र की प्रतियाँ (i) गोरखपुर उत्तर प्रदेश में प्रस्तावित नए संयंत्र के उत्तर प्रदेश प्रदूषण नियन्त्रण बोर्ड, लखनऊ के पास और उसकी वेबसाइट www.uppccb.in पर, (ii) बरौनी, बिहार में प्रस्तावित नए संयंत्र के लिए, बिहार राज्य प्रदूषण नियन्त्रण बोर्ड, ए के पास और उसकी वेबसाइट www.bspcb.bih.nic.in तथा (iii) सिंदरी, झारखण्ड प्रस्तावित नए संयंत्र के लिए, झारखण्ड राज्य प्रदूषण नियन्त्रण बोर्ड, रांची के पास और उसकी वेबसाइट www.jspcb.org पर उपलब्ध हैं। स्वीकृति पत्रों को एमओईएफ की वेबसाइट <http://moef.nic.in> तथा कंपनी की वेबसाइट www.hurl.net.in पर भी देखा जा सकता है। (इसे उपरोक्त स्वीकृति की वैधानिक आवश्यकता के रूप में प्रकाशित किया गया है)।

परियोजना प्रबंधक (एचयूआर)