JUBILANT INGREVIA

JVL/EHS/ENV/2024/265 November28, 2024

To,
Shri V.K. Singh, IFS
Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forest & Climate Change
Regional office (Central Zone)
Kendriya Bhawan, 5th Floor, Sector 'H'
Aliganj, Lucknow– 226020

Sub.: Submission of compliance for the period of April'24 to September'24 of Environmental Clearance granted vide letter no. 1795/Parya/SEAC/1188/2011/TA(J) DT. 12th Oct. 2013 for expansion of manufacturing plants for synthetic organic chemicals products of Jubilant Ingrevia Ltd. at Gajraula, Amroha U.P.

Ref.: 1. File no. VII / ENV / SCI-UP / 852 / 2014 / 90 DT. 11.09.2015.
2. Ref. no. 1795/Parya/SEAC/1188/2011/TA(J) DT. 12.10.2013.

Dear Sir,

In compliance of the standard guidelines of Ministry of Environment, Forest and Climate change, we are submitting herewith compliance report of EC granted to us vide letter no. 1795/Parya/SEAC/1188/2011/TA(J) DT. 12th Oct 2013 for expansion of manufacturing plants for synthetic organic chemicals as Annexure -1.

The UPPCB has granted the Consent to Operate for Chemical Uni-1, Chemical Unit-2 & Captive power plant as Vide ltr. No. 185981 /UPPCB /Bijnore(UPPCBRO) /CTO/ both/AMROHA/2023 dated 01/09/2023, 170084/UPPCB/Bijnore(UPPCBRO)-/CTO/both/AMROHA/2022 dated 24/11/2023 & 174574 /UPPCB /Bijnore(UPPCBRO) /CTO/both /AMROHA/2023 dated 24/11/2023 respectively for the expanded capacity.

We assure you of our continued commitment for environment protection and compliances.

A Jubilant Bhartia Company

Our Values

Jubilant Ingrevia Limited
Bhartiagram, Gajraula
Distt. Amroha - 244 223, UP, India
Tel: +91 5924 252151, 252353-60
www.jubilantingrevia.com

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Tel: +91 120 4361000
Fax: +91 120 4234895-96

Regd Office:
Bhartiagram, Gajraula
Distt. Amroha - 244 223
Uttar Pradesh, India
CIN - U24299UP2010PLC122652

Thanking you,
Yours faithfully,
For **Jubilant Ingrevia Limited**

Authorized Signatory
Vinod Jha
Vice President & Site Head

Enclosures:
Annexure 1: Compliance of conditions of Environmental Clearance
Annexure-2: Minutes of 626th SEAC-2 Meeting Dated 17/02/2022

CC: 1) The Member Secretary, UPPCB, Lucknow.
CC: 2) Regional officer, UPPCB, Bijnor

Disclosure: *All information provided/submitted herewith is commercial confidential data/information, trade secrets and/or intellectual property(s) etc. of the Company or its group Companies. The Company humbly requests you to treat the data/information submitted herewith as "Strictly Confidential", and not to provide/disclose/share any data/information to any third person/party as the same is exempted from disclosure under Section 8 of the Right to Information Act, 2005 ("RTI Act"). In the event of any person makes any application to you seeking any information about the Company, the Company requests you to please issue a prior written notice to the Company along with reasonable opportunity of representation to the Company as envisaged under Section 11(1) of the RTI Act. No disclosure of any data/information can be made to any third person/party without Company's consent under the provisions of the RTI Act.*

Compliance of Conditions of Environmental Clearance Ref. no. 1795 / Parya / SEAC / 1188 /2011/TA(J) DT. 12.10.2013.

S. No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
1	National Emissions Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R 608(E) DATED 21 July, 2010 and amended time to time shall be followed by the unit.	Being complied. The same shall be maintained.
2	Multi-cyclone followed by bag filter shall be provided to the coal fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/UPPCB guidelines.	Coal fired boiler is equipped with 3-field Electro-Static Precipitators, as against Multi-cyclone followed by bag filters, to ensures the emissions levels well within the limit, higher collection efficiency and high reliability of operation. The gaseous emissions are dispersed through stack of adequate height (85 Mtr) provided in compliance to CPCB guidelines.
3	Two stage scrubbers with caustic lye media solution shall be provided to process vents to control SO2. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards. Scrubbers vent shall be provided with on-line detection and alarm system to indicate higher than permissible value of controlled parameters.	The expansion does not include any process resulting in release of SO_2. All process vents are connected to vent collection system and scrubbed for any odor causing gaseous emissions. The boilers are operating on a mix of Indian and Imported coal that shall maintain the Sulphur content below 1% and stack height as per CPCB guidelines. Hence the SO_2 emission from stack shall always remain within prescribed limits. Provision for Lime addition is made in the coal crushing system to effectively control SO2 emissions, on need basis based on Sulphur content analysed in coal. Stack Monitoring Report 90 TPH Boiler is attached **Annexure-1.1** The OCEMS is provided on the stack and connected to UPPCB and CPCB server.
4	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R No. 826 (E) dated 16th September 2009. The levels of PM10, SO2, NOX, VOC and CO should be monitored in ambient air and emissions from the stack and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional	Ambient air quality is monitored quarterly basis for PM10, SOx, NOx, VOC and CO along the plant boundary at location fixed in consultation with UPPCB. The monitored results are displayed at the main gate of the plant. The results are also submitted to the concerned authorities periodically. Monitored data are uploaded on company website along with EC compliance report. Latest Ambient Air Quality reports are attached as **Annexure -1.2**

S. No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
	Office of MOEF, the respective Zonal Office of CPCB and the Uttar Pradesh Control Board (UPPCB).	
5	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the UPPCB.	Control measures for Fugitive emission are implemented, including a combination of construction of closed storage tanks, closed handling and conveying system for chemicals/materials, Vent collection system, vent chillers, vent condensers, double seal pumps, Nitrogen Blanketing, breather valves, dust suppression system, etc., are installed in the facility. The fugitive emission are regularly monitored and confirm to prescribe limits stipulated by UPPCB.
6	For further control of fugitive emissions, following steps shall be followed;	
a	Closed handling system shall be provided for chemicals	Closed handling system is implemented for all chemicals.
b	Reflux condenser shall be provided over reactor	Reflux Condenser provided.
c	System of leak detection and repair of pumps/pipeline based on preventive maintenance.	System of leak detection and repair of pumps/pipeline based on preventive maintenance is implemented.
d	The acids shall be taken from storage tanks to reactors through closed pipeline.	Acid is transferred from storage tanks to reactor through closed pipelines.
e	Storage tanks shall be vented through trap receiver and condenser operated on chilled water.	Trap receiver and condenser are installed on Chemical Storage tanks.
f	Cathodic protection shall be provided to the underground solvent storage tanks.	Cathodic protection is provided to underground solvent storage tanks.
7	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Complied. DG of capacity 10.5 MW are installed with stack height of 42 meter meeting the stipulated norms for DG sets. Acoustic insulation for Noise is installed to reduce noise. Noise monitoring report of DG is attached as **Annexure-1.3**

S. No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
8	Solvent management shall be carried out as follows;	
a	Reactor shall be connected to chilled brine condenser system	Complied. The system is implemented.
b	Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	Complied. The system is implemented.
c	The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	Complied. The system is implemented.
d	Solvents shall be stored in a separate space specified with all safety measures.	Complied. Dedicated tank farm with safety measures are installed.
e	Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	Complied.
f	Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.	Flameproof equipment as per zone classification is provided throughout the plant. Breather valves are installed to prevent losses.
g	All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Complied. The system is implemented.
9	Total fresh water requirement from ground water source shall not exceed 48.47 m3/day and prior permission shall be obtained from the CGWA/SGWA.	As detailed in the EIA report (Page 1-54 -Figure 2.4 - proposed water balance), We have proposed an increase in water consumption from the present 15224 cum/day to 17787 cum/day, an additional water requirement of 2563 cum/day for the proposed expansion. The stipulated condition is erroneously mentioned as 48.47 cum/day. NOC has been obtained from UPGWD. NOC of UPGWD are attached as **Annexure-1.4**
10	Trade effluent shall be segregated into high COD/TDS and Low COD/TDS effluent streams. High TDS/COD effluent shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system. Condensate and recover water shall be recycled/reused within factory premises. 'Zero' effluent discharge shall be adopted and no effluent will be discharged outside the premises.	Complied with, as proposed in the EIA report (Page 1-54 para 2.5.1) detailed below. A) Formaldehyde expansion - No process effluent generation. Only approx. 2.0 KLD of washings etc. which is being generated and treated in existing CETP having sufficient capacity. Treated effluent is being reused. B) Pyridine & Picoline and derivatives: The generated effluent is stripped through distillation column to remove volatiles followed by MEE's and liquid incinerators. The recovered condensate is reused as

S. No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		Cooling Tower make up after appropriate treatment as required, if any. Thus complete Zero Discharge from Process effluent is being maintained. ATFD is installed to treat effluent generated from Pyridine and Picoline derivatives, to achieve ZLD.
11	Hazardous chemicals shall be stored in tank, tank farms drums, carboys etc. Flame arresters shall be provide on tank firm. Solvent transfer shall be by pump.	Complied.
12	As proposed, process organic residue and spent carbon should be sent to cement industries. ETP sludge, process inorganic and evaporation salt should be disposed off to the TSDF. The fly ash from boiler should be sold to brick manufacturers/cement industry.	Complied a) The organic residue is utilized as a support fuel in captive incinerators, vide authorization granted by UPCB. b) The ETP sludge, process inorganic and evaporation salt are being disposed to in-house captive secured land fill facility, vide authorization granted by UPCB. c) The fly ash generated from boiler is being sold for utilization in cement plant, brick manufacturing & achieving 100% utilization of Fly ash.
13	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans Boundary Movement) Rules 2008 and amended as on date for management of Hazardous wastes and prior permission from UPPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	Complied. Authorization is obtained from UPPCB. Adequate fire-fighting facilities with dedicated fire water storage, fire tender and fire extinguisher is in place. A Copy of Hazardous waste Authorization are attached as **Annexure-1.5**
14	The company shall strictly comply with the rules and guidelines under Manufacture, storage and import of hazardous Chemicals (MSIHC) Rules 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA) 1989.	Complied.

<table>
<tr><th>S. No.</th><th>SPECIFIC CONDITIONS</th><th>COMPLIANCE STATUS</th></tr>
<tr><td>15</td><td>Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust shall be avoided.</td><td>Complied.
The fly ash is being stored in dedicated Silos of capacity 1300 MT. The fly Ash generated is transferred through pneumatic conveying system and ash conditioning with water is installed before loading to bulkers/trucks to prevent air borne ash particles and hence avoid direct exposure of workers to fly ash.</td></tr>
<tr><td>16</td><td>The company shall undertake following waste minimization measures: -</td><td></td></tr>
<tr><td>a</td><td>Metering and control of quantities of active ingredients to minimize waste.</td><td>The system is implemented for monitoring of use of chemicals and intermediates.</td></tr>
<tr><td>b</td><td>Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</td><td>Implemented under Rule 9 of the H&OWM Rules.</td></tr>
<tr><td>c</td><td>Use of automated filling to minimize spillage.</td><td>Automated filling machine are installed to prevent spillage.</td></tr>
<tr><td>d</td><td>Use of close feed system into batch reactors.</td><td>Complied.</td></tr>
<tr><td>e</td><td>Venting equipment through vapor recovery system</td><td>Complied.</td></tr>
<tr><td>f</td><td>Use of high pressure hoses for equipment clearing to reduce waste water generation.</td><td>Complied. Hydro jetting is used for cleaning.</td></tr>
<tr><td>17</td><td>The unit shall make the arrangement of protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.</td><td>Complied. Risk assessment done and safety fire-fighting system provided as per recommendation.</td></tr>
<tr><td>18</td><td>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</td><td>Complied. Pre and periodic medical health check is done for all employees.</td></tr>
<tr><td>19</td><td>Green belt shall be developed in minimum 33% plot area of the project..</td><td>Complied.
<table><tr><td colspan="5">Outside Plant Premises</td></tr><tr><td>FY</td><td>2021-22</td><td>2022-23</td><td>2023-24</td><td>Total</td></tr><tr><td>Trees Planted in Nos.</td><td>87500</td><td>71090</td><td>80630</td><td>239220</td></tr><tr><td colspan="5">Inside Plant Premises</td></tr><tr><td>FY</td><td>2021-22</td><td>2022-23</td><td>2023-24</td><td>Total</td></tr><tr><td>Trees Planted in Nos.</td><td>5000</td><td>8870</td><td>2550</td><td>16420</td></tr></table></td></tr>
<tr><td>20</td><td>Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total project cost shall be</td><td>Complied
Environment Corporate Responsibility (ECR) plan prepared and implemented based on the need assessed</td></tr>
</table>

S. No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
	submitted (within three month) on need base assessment study in the study area. Income generating measures which can help in upliftment of weaker section of society consistent with the traditional skills of the people identified. The program can include activities such as old age home, rain water harvesting provision in nearby areas, development of fodder farm, fruit bearing orchards, Vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self-employment shall be specified.	through participatory process with the community around the project.
21	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction waste shall be managed so that there is no impact on the surrounding environment.	Complied During the construction phase all the unskilled labour sourced from local villages, hence provision of housing was not required. However all necessary facilities like mobile toilets, safe drinking water and medical healthcare facilities were provided within the premises. Also the skilled labor had facility to reside within the premises in the housing facility provided by the company

S. No.	GENERAL CONDITIONS	COMPLIANCE STATUS
1	The project authorities shall strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board.	Noted.
2	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, U.P. In case of deviations or alterations in the project proposal from those submitted to SEIAA 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.	Noted and complied.
3	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.	Complied The locations of the Ambient Air Quality Monitoring Stations have been decided in consultation with UPPCB and the locations are such decided so as to ensure that maximum ground level concentration can be monitored.
4	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, enclosure etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz 75 dBA (day time) and 70dBA (night time).	Complied. The noise levels in and around the plant are maintained within the stipulated standards. Noise monitoring is being done in and around the plant area and monitoring report is being submitted to UPPCB on regular basis. Noise Monitoring report is attached as **Annexure-1.6**
5	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.	Rainwater harvesting for ground water recharge from roof tops of process areas are not done due to risk of ground water contamination. Instead, a rainwater runoff collection lagoon with a potential to collect about 75000 Cum/year constructed & commissioning in Monsoon 2024. Further, Suitable rainwater harvesting facility for ground water recharge has been constructed in non-process areas and the harvested rainwater is being recharged to ground. Fresh water conservation is achieved by utilizing all treated sewage and Process effluents, thus operating at ZLD conditions.
6	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. Every employee undergoes EHS training at joining and also regularly during employment. Health checkup is done for every employee during joining and Periodic health check during employment.

S. No.	GENERAL CONDITIONS	COMPLIANCE STATUS
		Handling of chemicals is included in EHS training.
7	Usage of Personnel Protection Equipment (PPEs) by all the employees/workers shall be ensured.	Complied. PPEs are mandatory for each employee and worker.
8	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the SEIAA. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied.
9	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.	Complied. CSR activities as per the Company's Act is implemented by assessing the needs of the local people and their participation.
10	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Implemented as part of the CSR activities by involving local community.
11	A separate Environmental Management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied
12	As proposed, the company shall earmark sufficient funds towards capital cost to implement the conditions stipulated by the SEIAA 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.	Complied.
13	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 who suggestions/representations, if any, were received while processing the proposal.	Complied. A copy of the EC letter was submitted to the Panchayat and Zila Parishad office. There were no suggestion and representations from any local NGO's.

S. No.	GENERAL CONDITIONS	COMPLIANCE STATUS
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance Conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the UP Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Complied. Last report was submitted on 12.06.2024 vide letter no. JVL/EHS/ENV/2024/192 dated 12.06.2024 and the same has been uploaded on company website.
15	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 by e-mail.	Complied. Last Environment statement was submitted on 25.09.2024 vide letter no. JVL/EHS/ENV/2024/257 Dtd.25.09.2024 and the same has been uploaded on company website.
16	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the SPCB/Committee. 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.	Complied. The details of the EC granted was published in two newspapers namely Shah Times and Awam-E-HIND on 27.02.2014 A copy of the same has been submitted to MoEF & CC.
17	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.	UPPCB has granted the CCA for Increased capacity of the Pyridine & Picoline derivatives.

Annexure-1.1

AES LABORATORIES (P) LTD.
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Laboratory: B-118, Phase II, Noida, UP-201305
Ph.: 0120-4646700,4646711,4646731, 011-45060390
E-mail: support@aeslabs.com
GST IN: 09AAACP0857B1ZQ
MSME No.: UP28E0011437
CIN No.: U74899DL1991PTC045188

DIGITAL TEST CERTIFICATE

Issued To: **Jubilant Ingrevia Limited**
NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar,
Gajraula, Uttar Pradesh - 244223

Report No: 13-280924-02
Report Date: 03/10/2024
Sample Received On : 28/09/2024
Sampled By: AES Labs (SM 1.2)

Sampling Start Date : 24/09/2024
Sampling End Date : 24/09/2024
Analysis Start Date : 28/09/2024
Analysis End Date : 03/10/2024

Purpose: For Self Assessment Only

Description: Boiler Stack, Location: Boiler NO. 1 - 90 TPH

Boiler Stack

Name of Plant/Section :	Boiler Room
Stack Identification :	Stack Attached to Boiler No-1 90 TPH
Source of Emission :	Boiler No-1 90 TPH
Type of Fuel Used :	Coal
Capacity :	90 TPH
Operating Schedule :	As Per Requirement
Type of Stack :	MS-Circular
Diameter of Stack (m) :	3.2
Stack Height (from ground level), (m) :	85
Stack Height (from emission level), (m) :	8
Emission Control (if any) :	N/A
Period of Sampling (minutes) :	30
Capacity at the time of Sampling :	FULL
Sampling Height (from ground level), (m) :	40
Ambient Temperature, (°C) :	31
Stack Temperature, (°C) :	109
Average Gas Velocity, (m/s) :	6.9
Volumetric Flow Rate, (Nm^3/hr) :	151667.40

S.No.	Parameter	Test Method	Results	Units	Limits as per CPCB
	Chemical				
	Atmospheric Pollution				
	Chemical Analysis				
1	Carbon Dioxide (CO2)	IS 13270 : 1992	7.0	%	Not Specified
2	Carbon Monoxide (CO)	IS 13270 : 1992	0.012	% v/v	1% by volume
3	Hydrocarbons (HC)	AES/ENV/SOP 112	42.3	mg/Nm^3	Not Specified
4	Oxides of Nitrogen (NOx)	IS 11255: (Pt-7):2005	262	mg/Nm^3	300
5	Particulate matter (PM), at 12% CO2 Correction	IS 11255: (Pt-1):1985	43.0	mg/Nm^3	50
6	Sulphur Dioxide (SO2)	IS 11255: (Pt-2):1985	319	mg/Nm^3	600
7	Non-Methyl Hydrocarbons (NMHC)	AES/ENV/SOP 113.0	41.1	mg/Nm^3	Not Specified

Digitally Signed By:Jitendra Gupta
GM (Environment Lab)
AES Laboratories (P) LTD.
Date: 14/10/2024 05:16:19

Note: This certificate is digitally signed and does not require a physical signature.

Terms & Conditions

- This report is valid only for the tested samples and tested parameters and do not endorse any product.
- Sampling by the laboratory is limited to the mentioned amount.
- This certificate shall not be reproduced wholly or in part without prior written consent of the laboratory.
- Complaints must be lodged within Two weeks from the date of issue of the certificate unless specified otherwise.
- This certificate shall not be used in any advertising media as evidence in the court of law without prior written consent of the laboratory.

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E-mail: support@aeslabs.com
GST IN: 09AAACP0857B1ZQ
MSME No.: UP28E0011437
CIN No.: U74899DL1991PTC045168

DIGITAL TEST CERTIFICATE

Issued To: **Jubilant Ingrevia Limited**
NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar,
Gajraula, Uttar Pradesh - 244223

Report No: 13-280924-02N
Report Date: 03/10/2024
Sample Received On : 28/09/2024
Sampled By: AES Labs (SM 1.2)

Purpose: For Self Assessment Only

Description: Boiler Stack, Location: Boiler NO. 1 - 90 TPH

Sampling Start Date : 24/09/2024
Sampling End Date : 24/09/2024

Analysis Start Date : 28/09/2024
Analysis End Date : 03/10/2024

Boiler Stack

Name of Plant/Section :	Boiler Room
Stack Identification :	Stack Attached to Boiler No-1 90 TPH
Source of Emission :	Boiler No-1 90 TPH
Type of Fuel Used :	Coal
Capacity :	90 TPH
Operating Schedule :	As Per Requirement
Type of Stack :	MS-Circular
Diameter of Stack (m) :	3.2
Stack Height (from ground level), (m) :	85
Stack Height (from emission level), (m) :	8
Emission Control (if any) :	N/A
Period of Sampling (minutes) :	30
Capacity at the time of Sampling :	FULL
Sampling Height (from ground level), (m) :	40
Ambient Temperature, (°C) :	31
Stack Temperature, (°C) :	109
Average Gas Velocity, (m/s) :	6.9
Volumetric Flow Rate, (Nm^3/hr) :	151667.40

S.No.	Parameter	Test Method	Results	Units	Limits as per CPCB
	Chemical				
	Atmospheric Pollution				
	Chemical Analysis				
1	Mercury (Hg)	LATS Methods and SOP of Emission Testing in Incinerators CPCB: 2007	BLQ (<0.01)	mg/Nm^3	0.03

Remarks : Stack Attached to 90 TPH Boiler at the time of monitoring 90 TPH Boiler - 1 Load was 85 TPH.
An NABL accredited & CPCB recognized Laboratory.

Note(s) : *BLQ means Below Limit of Quantification. The values enclosed in brackets are the limit of Quantification of the mentioned test method.*

Digitally Signed By:Jitendra Gupta
GM (Environment Lab)
AES Laboratories (P) LTD.
Date: 14/10/2024 05:16:19

Note: This certificate is digitally signed and does not require a physical signature.

Terms & Conditions

Annexure-I.2

AES LABORATORIES (P) LTD.
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TC-6308

Laboratory: B-118 Phase II Noida, UP-201305
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E-mail: support@aeslabs.com
GST IN: 09AAACP0857B1ZQ
MSME No.: UP28E0011437
CIN No.: U74899DL1991PTC045168

DIGITAL TEST CERTIFICATE

Issued To: **Jubilant Ingrevia Limited**
NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar,
Gajraula, Uttar Pradesh - 244223

Report No: 13-280924-13
Report Date: 04/10/2024
Sample Received On : 28/09/2024
Sampled By: AES Labs (SM 1.1)

Sampling Start Date : 23/09/2024
Sampling End Date : 24/09/2024

Purpose: For Self Assessment Only

Description: Ambient Air, Location: Near CETP Area

Analysis Start Date : 28/09/2024
Analysis End Date : 04/10/2024

Ambient Air Quality (AAQ) package aas per new Notifications

SAMPLING DETAILS

Objective of monitoring :	Ambient Air Quality
Methodology of monitoring :	Time Averaged in Situ Monitoring
Date of sampling :	23/09/2024 to 24/09/2024
Location of Sampling point :	Near CETP Area
Location of sampler :	1.5 mt Above the Ground Level
Sampling started at :	3:00 PM
Sampling completed at :	3:00 PM
Actual time of sampling (hrs) :	24
Average flow rate for particulate matter (m^3/min) :	1.25
Total volume of air sampled for particulate matter (m^3) :	1800

WEATHER CONDITIONS

Average ambient temperature (°C) :	30
General weather condition :	Clear Sky

S.No.	Parameter	Test Method	Results	Units	Limits as per CPCB
	Chemical				
	Atmospheric Pollution Chemical Analysis				
1	Ammonia (as NH3)	IS 5182: (Pt-25):2018	47.6	µg/m³	Max 400
2	Arsenic	NAAQMS/36 Vol-1 CPCB : 2013	BLQ (<1)	ng/m³	Max 6
3	Benzene (C6H6)	IS 5182: (Pt-11):2006	2.8	µg/m³	Max 5
4	Benzo(a) pyrine	IS 5182: (Pt-12):2004	BLQ (<0.2)	ng/m³	Max 1
5	Carbon Monoxide (CO)	IS 5182: (Pt-10):1999	2.7	mg/m³	Max 4
6	Lead (as Pb)	IS 5182: (Pt-22):2004	0.44	µg/m³	Max 1

Digitally Signed By:Jitendra Gupta
GM (Environment Lab)
AES Laboratories (P) LTD.
Date: 04/10/2024 05:39:37

Note: This certificate is digitally signed and does not require a physical signature.

AES LABORATORIES (P) LTD.
analyzing today for an assured tomorrow...

TC-6308

Laboratory: B-118, Phase II, Noida, UP 201305
Ph.: 0120-4646700,4646711,4646731, 011-45066390
E-mail: support@aeslabs.com
GST IN: 09AAACP6857B1ZQ
MSME No.: UP28E0011437
CIN No.: U74899DL1991PTC045168

DIGITAL TEST CERTIFICATE

Issued To: **Jubilant Ingrevia Limited**
NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar,
Gajraula, Uttar Pradesh - 244223

Report No: **13-280924-13**
Report Date: 04/10/2024
Sample Received On : 28/09/2024
Sampled By: AES Labs (SM 1.1)

Sampling Start Date : 23/09/2024
Sampling End Date : 24/09/2024

Purpose: For Self Assessment Only

Description: Ambient Air, Location: Near CETP Area

Analysis Start Date : 28/09/2024
Analysis End Date : 04/10/2024

Ambient Air Quality (AAQ) package aas per new Notifications

S.No.	Parameter	Test Method	Results	Units	Limits as per CPCB
7	Nickel	IS 5182: (Pt-26):2020	10.6	ng/m^3	Max 20
8	Nitrogen Dioxide (NO2)	IS 5182 (Pt-6) : 2006	41.3	$\mu g/m^3$	Max 80
9	Ozone (O3)	IS 5182 (Pt-9) :1974	38.6	$\mu g/m^3$	Max 180
10	Particulate Matter (PM 10)	IS 5182 (Pt-23) : 2006	89	$\mu g/m^3$	Max 100
11	Particulate Matter (PM 2.5)	IS 5182: (Pt-24):2019	45.2	$\mu g/m^3$	Max 60
12	Sulphur Dioxide (SO2)	IS 5182: (Pt-2):2001	27.3	$\mu g/m^3$	Max 80

Note(s) : *BLQ means Below Limit of Quantification. The values enclosed in brackets are the limit of Quantification of the mentioned test method.*

Digitally Signed By:Jitendra Gupta
GM (Environment Lab)
AES Laboratories (P) LTD.
Date: 04/10/2024 05:39:37

Note: This certificate is digitally signed and does not require a physical signature.

Terms & Conditions

Annexure-1.3

AES LABORATORIES
analyzing today for an assured tomorrow.....
TC-4308

AES Laboratories Private Limited
B 118 Phase 2, Noida, Uttar Pradesh 201305
Ph: 0120-4646700, 4646711, 4646731, 4646714
email: support@aeslabs.com. Web: www.aeslabs.com

TEST CERTIFICATE

Issued to: **Jubilant Ingrevia Limited**
NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar, Gajraula, Uttar Pradesh - 244223

Date of Sampling: 19/11/2024 to 20/11/2024

Report No: 15-201124-01
Report Date: 20/11/2024
Sample Received On: 20/11/2024
Sampled By: Aes Labs (Dhanjee)
Analysis Start Date: 20/11/2024
Analysis End Date: 20/11/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 19/11/2024 TO 20/11/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near DG Area	49.90	64.18	69.31	71.21	73.40	40.10	47.53	63.13	66.33	68.70

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

An NABL accredited & CPCB recognised Laboratory.

eVerify

AES LABORATORIES NOIDA

Annexure-1.4

GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC028554

VALID FROM 28/05/2021 TO 27/05/2026

(UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019)

Registration No.: 202104000070

Name of the Owner	CHANDRA BOSE BHARDWAJ		
Designation पद	EVP & CHIEF OF MANUFACTURING	Company Name कंपनी का नाम	JUBILANT INGREVIA LIMITED CHEMICAL UNIT -2
Company Address कंपनी का पता	BHARTIAGRAM,GAJRAULA,AMROHA,UP 244223	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	BHARTIAGRAM, GAJRAULA	Application Form Serial No.	AMRH0421N8N0024
Date of Submission	06/04/2021	Specimen Signature	

Location Particulars

District	Amroha (J.P.Nagar)	Block	GAJRAULA
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A

Particular of the Existing Well and Pumping Device

Date of Construction/Sinking of the Well	01/04/1994		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	250.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	60.00
Operational Device	Electric Motor	Rate of Withdrawal (m^3/hr.)	150.00
Date of Energization (In Case of Electric Pump)	01/04/1994		

Maximum Allowable Rate of Withdrawal (m^3/hr.):	150.00	**Maximum Allowable Running Hours Per Day:**	17.00

Maximum Allowable Annual Extraction of Ground Water: 930750

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters.
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands.
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data obtained from digital water level recorders shall be made available to this office on monthly basis.
- <u>Guidelines for Installation of Piezometers and their Monitoring</u>

Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

- The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
- The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
- No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitoring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the

concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- SPECIFIC CONDITIONS:
- (A) **For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- (B) **Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :**09/06/2021**

Place **Amroha (J.P.Nagar)**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC046767

VALID FROM 28/05/2021 TO 27/05/2026

(UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019)

Registration No.: 202104000077

Name of the Owner	CHANDRA BOSE BHARDWAJ		
Designation पद	EVP & CHIEF OF MANUFACTURING	Company Name कंपनी का नाम	JUBILANT INGREVIA LIMITED CHEMICAL UNIT -I
Company Address कंपनी का पता	BHARTIAGRAM,GAJRAULA,AMROHA,UP 244223	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	BHARTIAGRAM, GAJRAULA	Application Form Serial No.	AMRH0421NIN0027
Date of Submission	06/04/2021	Specimen Signature	

Location Particulars

District	Amroha (J.P.Nagar)	Block	GAJRAULA
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A

Particular of the Existing Well and Pumping Device

Date of Construction/Sinking of the Well	01/03/1992		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	200.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	60.00
Operational Device	Electric Motor	Rate of Withdrawal (m^3/hr.)	150.00
Date of Energization (In Case of Electric Pump)	01/03/1992		

Maximum Allowable Rate of Withdrawal (m^3/hr.):	150.00	**Maximum Allowable Running Hours Per Day:**	6.00

Maximum Allowable Annual Extraction of Ground Water: 328500

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GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
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- In case, any of the particulars / information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
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4	> 500	2	0	2

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- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
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- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- (B) **Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :**09/06/2021**

Place: **Amroha (J.P.Nagar)**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)

Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC026554

VALID FROM 28/05/2021 TO 27/05/2026

(UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019)

Registration No.: 202104000078

Name of the Owner	CHANDRA BOSE BHARDWAJ		
Designation पद	EVP & CHIEF OF MANUFACTURING	Company Name कंपनी का नाम	JUBILANT INGREVIA LIMITED CHEMICAL UNIT -1
Company Address कंपनी का पता	BHARTIAGRAM,GAJRAULA,AMROHA,UP 244223	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	BHARTIAGRAM, GAJRAULA	Application Form Serial No.	AMRH0421NIN0029
Date of Submission	06/04/2021	Specimen Signature	

Location Particulars

District	Amroha (J.P.Nagar)	Block	GAJRAULA
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A

Particular of the Existing Well and Pumping Device

Date of Construction/Sinking of the Well	01/03/1992		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	243.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	60.00
Operational Device	Electric Motor	Rate of Withdrawal (m^3/hr.)	150.00
Date of Energization (In Case of Electric Pump)	01/03/1992		

Maximum Allowable Rate of Withdrawal (m^3/hr.):	150.00	**Maximum Allowable Running Hours Per Day:**	9.00

Maximum Allowable Annual Extraction of Ground Water: 492750

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

- The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
- The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
- No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm, the reported measurement should be given in meter upto two decimal.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the

concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.
    - A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
    - Any other site specific requirement regarding safety and access for measurement may be taken care of.
- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- SPECIFIC CONDITIONS:
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :**09/06/2021**

Place:**Amroha (J.P.Nagar)**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC034678

VALID FROM 28/05/2021 TO 27/05/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202104000071

Name of the Owner	CHANDRA BOSE BHARDWAJ		
Designation पद	EVP & CHIEF OF MANUFACTURING	Company Name कंपनी का नाम	JUBILANT INGREVIA LIMITED POWER PLANT UNIT
Company Address कंपनी का पता	BHARTIAGRAM,GAJRAULA,AMROHA,UP 244223	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	BHARTIAGRAM, GAJRAULA	Application Form Serial No.	AMRH0421N8N0025
Date of Submission	06/04/2021	Specimen Signature	

Location Particulars

District	Amroha (J.P.Nagar)	Block	GAJRAULA
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A

Particular of the Existing Well and Pumping Device

Date of Construction/Sinking of the Well	20/04/1994		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	250.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	60.00
Operational Device	Electric Motor	Rate of Withdrawal (m^3/hr.)	150.00
Date of Energization (In Case of Electric Pump)		20/04/1994	

Maximum Allowable Rate of Withdrawal (m^3/hr.):	150.00	**Maximum Allowable Running Hours Per Day:**	16.00

Maximum Allowable Annual Extraction of Ground Water: 876000

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

- The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
- The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
- No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitoring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the

concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date: **09/06/2021**

Place: **Amroha (J.P.Nagar)**

This certificate is electronically generated and does not require digital signature

GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)
Ministry of Jal Shakti
Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW / EXISTING WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC021508

VALID FROM 28/05/2021 TO 27/05/2026

(UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019)

Registration No.: 202104000068

Name of the Owner	CHANDRA BOSE BHARDWAJ		
Designation पद	EVP & CHIEF OF MANUFACTURING	Company Name कंपनी का नाम	JUBILANT INGREVIA LIMITED POWER PLANT UNIT
Company Address कंपनी का पता	BHARTIAGRAM,GAJRAULA,AMROHA,UP 244223	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	BHARTIAGRAM, GAJRAULA	Application Form Serial No.	AMRH0421NIN0026
Date of Submission	06/04/2021	Specimen Signature	

Location Particulars

District	Amroha (J.P.Nagar)	Block	GAJRAULA
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A

Particular of the Existing Well and Pumping Device

Date of Construction/Sinking of the Well	20/04/1994		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	230.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	60.00
Operational Device	Electric Motor	Rate of Withdrawal (m^3/hr.)	150.00
Date of Energization (In Case of Electric Pump)	20/04/1994		

Maximum Allowable Rate of Withdrawal (m^3/hr.):	150.00	**Maximum Allowable Running Hours Per Day:**	15.00

Maximum Allowable Annual Extraction of Ground Water: 821250

This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours per day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
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- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- <u>Guidelines for Installation of Piezometers and their Monitoring</u>

  Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows

  - The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
  - The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
  - No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitoring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

  - The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
  - For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
  - The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
  - All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
  - The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the

concerned Director, Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care of.

- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
-
- SPECIFIC CONDITIONS:
- (A) **For Industrial User**: No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
- i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- iii) All industries abstracting ground water in excess of 100 m^3/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to Ground Water Department Uttar Pradesh. All such industries shall be required to reduce their ground water use by at least 20% over the next five years through appropriate means.
- iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m^3 /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 50 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
- v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
- vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
-
- (B) **Infrastructural User**: The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
- i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
- ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m^3 /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.

Date :**16/06/2021**

Place: **Amroha (J.P.Nagar)**

This certificate is electronically generated and does not require digital signature

Annexure-5

UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand,Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831 Fax:0522-2720764 Email: info@uppcb.com Website: www.uppcb.com

Ref. No : 14433/UPPCB/Bijnore(UPPCBRO)/HWM/JYOTIBA PHULE NAGAR/2021

Dated :07/10/2021

To,

M/s JUBILANT INGREVIA LIMITED

Jubilant Ingrevia Limited, Bhartiagram, GAJRAULA,AMROHA,244223

Tehsil :Amroha

District :JYOTIBA PHULE NAGAR

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 14433 and 07/10/2021 .
2. Reference of application (No. and date) 12224814 and 02/06/2021 .
3. Mr CHANDRA BOSE BHARDWAJ of M/s JUBILANT INGREVIA LIMITED is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at Jubilant Ingrevia Limited, Bhartiagram, GAJRAULA,A .

Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I,II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	As per Part A of Annexure	Incineration/ Co-incineration/ Co - processing in cement plants	234192 TPA
2	As per Part B of Annexure	Recycle/ Sale to authorized buyer/ re-processors	17332 TPA
3	As per Part C of Annexure	Disposal through recyclers/ authorized buyer	17332 TPA
4	As per Part D of Annexure	Captive SLF / TSDF	4443 TPA

1. The authorization shall be valid for a period of 07/10/2026 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .

5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .

7. It is the duty of the authorised person to take prior permission ot the State Pollution Control Board to close down the facility .

8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .

9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .

10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .

11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any

12. An application for the renewal of an authorisation shall be made as laid down under these Rules .

13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .

14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .

15. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

B Specific Conditions of Authorization

1- The authorization issued under the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 vide letter number 5295/UPPCB/Bijnore(UPPCBRO)/HWM/JYOTIBA PHULE NAAGR/2018 dated 01-02-2019 is here by revoked.

2- Unit shall ensure compliance of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

3- Unit shall comply with the provisions of Rule 19 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and send copy of Form 10 regarding Manifest for Hazardous and Other Wastes.

4- Unit shall comply with the provisions of Rule 20 of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and submit Annual Returns to State Board in Form IV.

(Authorized Signatory)

NISHI KUMAR CHAUHAN

Digitally signed by NISHI KUMAR CHAUHAN
Date: 2021.11.29 13:07:05 +05'30'

UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P.Pollution Control Board, Bijnore for information and necessary action .

NISHI KUMAR CHAUHAN

Digitally signed by NISHI KUMAR CHAUHAN
Date: 2021.11.29 13:07:15 +05'30'

CEO/EE, I/C Circle_____

Annexure-I

A. Waste for Captive incineration / Co-incineration / Co processing at authorized agency / Incineration at common waste incineration facility						
S.No.	Plant Name/Product	Type of waste	Schedule	Category no.	Total TPA	Mode of Disposal
1	AC2O	Dopp kettle residue	Schedule I	28.1	50	Captive incineration / Coincineration / Co processing at authorized agency / Incineration at common waste incineration facility
2	EA 1/2/3	Dopp kettle residue	Schedule I		30	
3	Acetic acid & Derivative	Spent catalyst / Solids	Schedule I	28.2	20	
5	Acetic acid & Derivative	Dopp kettle residue	Schedule I	28.1	12	
6	Dikitone & Derivatives	Residue waste	Schedule I	28.1	99	
		Tarry waste/residual mass	Schedule I	1.2	489	
7	Cyano Pyridines,	Kettle Distillation residue	Schedule I	36.1	120	
8	Pyridine & Picoline & Derivative	Spent catalyst from Pyridine	Schedule I	28.2	100	
9	Fine Chemical / Solvent Recovery Plant Section	Dist. Residue	Schedule I	28.1	1400	
11	Fine Chemical / Pyridine	Waste charcoal / Spent Carbon	Schedule I	28.3	48	
12	QC/Kilo /R&D lab waste	Discarded chemicals	Schedule I	28.4	1.0	
13	From all sections of plant	Tank sludge	Schedule I	34.2	300	
14	From all sections of plant	Contaminated Polythene / drum/packing material	Schedule I	33.1	350	
15	Wastes utilized as PPE or generated during maintenance	Used PPEs , Hand gloves and Cotton etc. used during maintenance of equipments	Schedule I	33.2	2	Incineration at common waste incineration facility
16	Degradation/ contamination of products due to break down or process equipment failure or other reasons	Contaminated / Off specification products	Schedule I	28.4	20	Incineration at common waste incineration facility
17	Discarded insulation material Used Glass wool	Contaminated and used thermocol generated after changing the insulation	Schedule I	33.1	1	Incineration at common waste incineration facility or to be disposed in common / Captive SLF
18		Contaminated and used glass wool generated after changing the insulation	Schedule I	33.1	5	Incineration at common waste incineration facility or to be disposed in common / Captive SLF.
19	Pyridine derivatives	Distillation Residue	Schedule I	36.1	20	To be send for incineration at common waste incineration facility / captive incineration.
20	Inorganic raffinate	Effluent from Pyridine derivatives and Fine chemicals	Schedule II	C2	20075	Captive incineration/spray drying/ MEE/ATFD/ Co incineration / Co processing at authorized agency / Incineration at common waste incineration facility.

21	Organic Raffinate effluent (High TDS and High COD)	Effluent from Pyridine derivatives and Fine chemicals	Schedule I	36.1	200000	Co-processing in Cement Plant / Captive Incineration
22	Tarry waste	Tarry residue generated from coal	Schedule I	35.1	100	Disposal to end user/ Incineration/TSDF/Any other method suggested by SPCB/CPCB
23	Pyridine	Pyridine residue	Schedule I	28.1	10650	Used in-house as support fuel in incinerators
	Total				234192	

B. Waste for Recycle and Reuse

1	Pyridine Derivatives	Spent solvent	Schedule I	28.6	840	Sold to authorized reprocessor / recycler/ Buyer.
2	Utilities	waste/ Used oil	Schedule I	5.2 -5.1	70	Sold to authorized reprocessor / recycler/ Buyer.
3	Fine Chemical section	Spent catalyst	Schedule I	28.2	20	Sold to authorized reprocessor / recycler/ Buyer.
4	Formaldehyde	Spent catalyst	Schedule III	B1120	40	Exported for regeneration of metals.
5	E-waste	E-waste Scrap	Schedule III	B1110	1	Sold to authorized recycler.
6	Glass and plastic bottles utilized for sampling in lab Utilities	Discarded sampling / Reagent bottles	Schedule I	33.1	5	Disposal in scrap after decontamination
7	Spent Caustic lye	Spent Caustic lye generated from fine chemical plant	Schedule II	C1	2400	Disposal to end user/ authorized buyer
8	LSHS (Low sulphur heavy stock) Oil Sludge.	LSHS (Low sulphur heavy stock) Oil Sludge generated from DO	Schedule I	4.1	150	Disposal to end user/ authorized buyer and TSDF
	Total				3534	

C. Waste for Utilization under rule no. 9

1	Utility (DM Plant) and Power plant	Spent resin	Schedule I	35.2	7	Utilization for energy recovery in Captive Boilers per CPCB SOP under Rule 9
2	Acetic Anhydride, Acetaldehyde, Acetic Acid & Derivatives Manufacturing Plant	Dilute Acetic Acid (In-house generated and waste procured from external source as per CPCB SOP under Rule 9)	Schedule II	By-product/ Category- B-15 of Sch – II/ 29.6 of Sch – I etc.	16425	Utilization as per SOP released by CPCB under Rule 9

3	Fine Chemical Section	Spent Dilute Sulphuric Acid generated from plant	Schedule II	C2	200	Disposal to end user/ authorized buyer
4	Fine Chemical section	NaBr /KBr/HBr /NH4Br Solution etc. or salt	Schedule II	C2/C4	500	Disposal to end user/ authorized buyer/Utilisation as per SOP released by CPCB under Rule 9
5	Spent Dilute Acetic Acid	Spent Dilute Acetic Acid generated from fine chemical plant	Schedule II	C2	200	Disposal to end user/ authorized buyer
6	Drum Decontamination section	Contaminated Empty Barrels/Containers/Drums	Schedule I	33.1	400	Decontamination in existing Drum Decontamination facility and sale to end user
	Total				17152	

D. Waste for Captive SLF/ TSDF						
1	Incinerator	Incineration Ash	Schedule I	37.2	200	Captive SLF/ TSDF
2	Distillery / Pyridine	Exhausted sieves	Schedule I	1.6	25	
3	Spray Dryer ATFD Salt	Spray dried solids/ ATFD Salt	Schedule I	37.2	4000	
4	CO2 Plant	PPM & Scrubber sludge	Schedule I	37.1	10	
5	CTRO	Silica Sludge	Schedule I	35.3	60	
6	CETP	Chemical Sludge from drying beds/ Sludge Dewatering Unit	Schedule I	35.3	58	
7	R&D / QC	Lab waste	Schedule I	28.2	10	
8	Pyridine derivatives	Spent Catalyst	Schedule I	28.2	7	
9	Miscellaneous Waste	Asbestos Gasket and other asbestos containing materials	Schedule II	81	55	
10	SPVA	Catalyst waste from ATFE condenser	Schedule I	28.2	2	
11	SPVA & WOOD FINISH	Asbestos Gasket and other asbestos containing materials	Schedule II	81	7	
12	Sulphuric acid	Spent Catalyst	Schedule I	17.2	3.6	
13	Fertilizer	Asbestos Gasket and other asbestos containing materials	Schedule II	81	7	
	Total				4443	

Annexure-I, 6

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Report No: 15-280924-04
Report Date: 03/10/2024
Sample Received On: 28/09/2024
Sampled By: Aes Labs (Dhanjee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date: 28/09/2024
Analysis End Date: 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Admin Block Area	48.90	54.96	63.25	65.43	72.40	40.90	47.31	50.14	51.61	60.90

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Report No: 15-280924-07
Report Date: 03/10/2024
Sample Received On: 28/09/2024
Sampled By: Aes Labs (Dhan(ee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date: 28/09/2024
Analysis End Date: 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
CETP Area	48.10	51.60	61.55	64.25	73.40	37.90	43.86	49.07	50.76	57.80

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Date of Sampling:	26/09/2024 to 27/09/2024	Analysis Start Date: Analysis End Date:	28/09/2024 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near Distillery unit	48.30	54.93	63.30	65.49	72.80	40.20	46.45	50.21	51.72	62.30

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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		Report Date:	03/10/2024
		Sample Received On:	28/09/2024
		Sampled By:	Aes Labs (Dhanjee)
Date of Sampling:	26/09/9024 to 27/09/2024	Analysis Start Date:	28/09/2024
		Analysis End Date:	03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near EOU Area	48.30	54.93	63.31	65.50	73.10	40.30	46.84	50.15	51.64	61.20

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Date of Sampling:	26/09/2024 to 27/09/2024	Analysis Start Date: Analysis End Date:	28/09/2024 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near Material Gate	46.10	51.53	62.33	65.11	72.10	38.90	44.21	50.30	52.40	63.10

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Report No: 15-280924-06
Report Date: 03/10/2024
Sample Received On: 28/09/2024
Sampled By: Aes Labs (Dhanjee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date: 28/09/2024
Analysis End Date: 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Fine Chemical Area	48.00	51.46	60.11	62.69	72.30	37.60	43.84	49.09	50.80	58.20

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Report Date: 03/10/2024
Sample Received On: 28/09/2024
Sampled By: Aes Labs (Dhanjee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date: 28/09/2024
Analysis End Date: 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near SLF Area	47.10	51.49	62.27	65.05	70.60	39.80	44.39	52.18	54.17	62.50

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Report No: 15-280924-05
Report Date: 03/10/2024
Sample Received On: 28/09/2024
Sampled By: Aes Labs (Dhenjee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date: 28/09/2024
Analysis End Date: 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{50}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{50}	L_{eq}	L_{10}	L_{max}
R&D Garden Area	47.30	54.90	63.27	65.47	73.40	41.20	47.33	50.02	51.52	59.60

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Issued to:	**Jubilant Ingrevia Limited** NH-24, Bhartiagram, Distt.-Amroha, J.P. Nagar, Gajraula, Uttar Pradesh - 244223	Report No: Report Date: Sample Received On: Sampled By:	15-280924-01 03/10/2024 28/09/2024 Aes Labs (Dhanjee)
Date of Sampling:	26/09/2024 to 27/09/2024	Analysis Start Date: Analysis End Date:	28/09/2024 03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Near Power Plant Area	48.10	55.48	63.37	65.53	73.60	40.10	46.28	49.51	50.87	60.90

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Report No:	15-280924-10
Report Date:	03/10/2024
Sample Received On:	28/09/2024
Sampled By:	Aes Labs (Dhanjee)

Date of Sampling: 26/09/2024 to 27/09/2024

Analysis Start Date:	28/09/2024
Analysis End Date:	03/10/2024

NOISE MONITORING REPORT

Protocol : IS 9989 : 1981

Location	Date of Monitoring : 26/09/2024 TO 27/09/2024									
	Day Time (6 AM TO 10 PM)					Night Time (10 PM TO 5 AM)				
	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}	L_{min}	L_{90}	L_{eq}	L_{10}	L_{max}
Store Area	39.90	51.21	63.20	65.89	70.90	30.90	43.54	52.31	54.30	64.20

* Ambient Noise standards for Industrial Area Day Time 75 dB(A) Leq.
* Ambient Noise standards for Industrial Area Night Time 70 dB(A) Leq.
* Standards in respect of Noise Pollution (Regulation & Control) Rules 2000.

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Minutes of 626th SEAC-2 Meeting Dated 17/02/2022

The 626th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 17/02/2022. Following members participated in the meeting:

1.	Dr. Harikesh Bahadur Singh,	Chairman, SEAC-2
2.	Dr. Amrit Lal Haldar,	Member, SEAC-2 (through VC)
3.	Dr. Dineshwar Prasad Singh,	Member, SEAC-2 (through VC)
4.	Shri Tanzar Ullah Khan,	Member, SEAC-2
5.	Prof. Jaswant Singh,	Member, SEAC-2
6.	Dr. Shiv Om Singh,	Member, SEAC-2 (through VC)

The Chairman welcomed the members to the 626th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. Amendment in Group Housing at Plot No.- SC-02/D, Sector- 150, Noida, District- Gautam Buddha Nagar, U.P., M/s Samridhi Infra Square Pvt. Ltd. File No. 3271/Proposal No. SIA/UP/MIS/208780/2021

The committee noted that the matter was earlier discussed in 549th SEAC meeting dated 15/07/2021 and directed the project proponent to submit following in information:

1. NOC from Airport Authority of India as per revised proposal.
2. Protection measure against impact of lighting.
3. NOC from competent authority regarding discharge of treated effluent.
4. NOC from Ground Water Authority regarding extraction of ground water.
5. Plan for antismog guns to reduce dust during construction phase.
6. Detailed plantation plan.
7. In the layout plan of the project, location of proposed STP, solid waste (MSW), collection & disposal points and DG sets should be marked.
8. Plan for disposal of solid waste as per MoEF&CC, GoI & CPCB guidelines.
9. Revised water balance diagram.

The project proponent submitted their replies vide letter dated 09/09/2021. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The project proponent informed that the environmental clearance for the project has already been issued by SEIAA, UP, vide letter no. 76/Praya/SEAC/3271/2015/OSD(T) dated 13/04/2016, for the plot area 40,186.45 m^2, built up area 1,63,902 m^2. Due to revision of building plan (additional 5% Green FAR) the built-up area decreases from 1,63,902 m^2 to 1,56,700.64 m^2 (change 7,201.356 sq m) and revised built-up area of the project is 1,56,700.64 m^2.

Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for amendment in Group Housing at Plot No. SC-02/D, Sector- 150, Noida, District- Gautam Buddha Nagar, U.P., M/s Samridhi Infra Square Pvt. Ltd.

31	Total Solid Waste Generation	2.52	TPD
32	Organic waste	1.54	TPD
33	Quantity of E-Waste Generation- Kg/Day	30.71	KG/DAY
34	Quantity of Hazardous waste Generation	2.02	LPD
35	Quantity of Sludge Generated from STP	26	KG/DAY
ENERGY			
36	Total Power Requirement	3170	KVA
37	DG set backup	2750	KVA
38	No of DG Sets	4	No.

The project proponent requested to amend the environmental clearance letter dated 13/04/2016 as per above details.

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and found the reply submitted by the project proponent was satisfactory and recommended to amend the Environmental Clearance letter no. 76/Praya/SEAC/3271/2015/OSD(T) dated 13/04/2016 as per above details. The committee also directed the project proponent that all the other contents mentioned in Environmental Clearance letter no. 76/Praya/SEAC/3271/2015/OSD(T) dated 13/04/2016 shall remain the same.

2. Validity extension of manufacturing plants for synthetic organic chemicals products of Jubilant Life Science at Gajraula, U.P., UPSIDC, J.P. Nagar, File No. 1188/Proposal No. SIA/UP/IND2/202818/2021

The committee noted that the matter was earlier discussed in 550th SEAC meeting dated 16/07/2021 and directed the project proponent to submit following in information:

1. Compliance report for the environmental clearance letter no. 1795/PARYA/SEAC /1188 /2011/TA(J) dated 12/10/2013 issued by SEIAA.
2. Compliance of notification issued by MOEF vide GO dated 18/09/2018 in regarding Hastinapur Sanctuary.
3. Copy of consent letter under Water and Air act issued by UPPCB along with compliance report.
4. Compliance status of the direction issued by the Hon'ble Supreme Court in writ no. 418/98 Imtiyaz Ahmad Vs. Govt. of India and others.

The project proponent submitted their replies vide letter dated 22/09/2021. A presentation was made by the project proponent. The project proponent informed the committee that the project applied for extension of validity period of existing environmental clearance issued by SEIAA, UP on 12/10/2013. The project proponent also informed that they have regularly submit the six monthly compliance of the environmental clearance conditions imposed by SEIAA to the Regional Office (Central Zone), MoEF&CC, Lucknow, Member Secretary and Regional Officer, UPPCB. The committee observed that the project proposal relates to validity extension of existing EC not an expansion of existing unit. Hence, the certified compliance report is not necessary document for validity extension of existing EC. The project proponent also submit the copy of consent order dated 06/11/2018 issued by UPPCB along with its compliance.

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and found the reply submitted by the project proponent was satisfactory and recommended to extend the validity of Environmental Clearance letter no. 1795/PARYA/SEAC/1188/2011/TA(J) dated 12/10/2013 for the period of 03 years i.e. 12/10/2020 to 11/10/2023. The committee also directed the project proponent that all the other contents mentioned in Environmental Clearance letter no. 1795/PARYA/SEAC/1188/2011/TA(J) dated 12/10/2013 shall remain the same.