

**SIX-MONTHLY COMPLIANCE REPORT OF STIPULATED  
CONDITIONS OF ENVIRONMENTAL CLEARANCE**

**[Post-Monsoon Period December 2024]**

**For**

**Greenfield project of Grain Based Distillery of 160 KLD  
along with 4.5 MW Co-generation Power Plant**

**At**

**Village- Daranagar Arthari, Pargana-  
Jalalabad, Tehsil-Kalan, Dist.-  
Shahjahanpur, Uttar Pradesh**

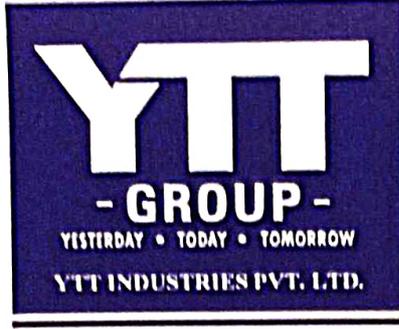


**Project Proponent:**

**YTT INDUSTRIES PRIVATE LIMITED**

**Submitted to:**

**Ministry of Environment Forest and Climate Change  
(MoEF&CC) and Uttar Pradesh Pollution Control Board  
(UPPCB)**



# YTT INDUSTRIES PVT. LTD.

GST NO.09AABCY5836C1Z9 | PAN : AABCY5836C

Dated: April 18, 2025

To,  
Director(s),  
Ministry of Environment, Forest & Climate Change  
Government of India  
Regional Office (Central Region)  
Lucknow, Uttar Pradesh.

**Sub: Submission of six-monthly environment clearance compliance report for Post-Monsoon December 2024 period of stipulated specific and general conditions of EC for the Greenfield project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation power plants located at Village- Daranagar Arthari, Pargana- Jalalabad, Tehsil-Kalan, Dist.- Shahjahanpur, Uttar Pradesh by YTT INDUSTRIES PRIVATE LIMITED**

Ref: EC Identification No - EC23A022UP131519 dated 19/04/2023

Dear Sir,

This is with reference to the submission of six-monthly compliance report of the environment clearance conditions obtained vide letter no EC23A022UP131519 dated 19/04/2023 for the Greenfield project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation power plants located at Village- Daranagar Arthari, Pargana- Jalalabad, Tehsil-Kalan, Dist.- Shahjahanpur, Uttar Pradesh. The project is in construction phase.

In this regard, as per the requirement of conditions laid down in the environment clearance letter, we are submitting herewith the six-monthly compliance report along with the requisite annexures and monitoring reports.

This is for your information and necessary action.

Thanking You.

Sincerely,  
For YTT INDUSTRIES PRIVATE LIMITED  
For YTT Industries Pvt. Ltd.

*Sanjay*  
Authorized Signatory

CC: Copy to Member Secretary, Uttar Pradesh Pollution Control Board, TC – 12 V, Regency Road, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh.



Administrative Office: Shop No. 2,  
Second floor, Kaveri Center, Sanjay  
Place, Agra - 282002



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**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

Name of the Project	Greenfield project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation power plants located at Village-Daranagar Arthari, Pargana- Jalalabad, Tehsil-Kalan, Dist.-Shahjahanpur, Uttar Pradesh
Name of Client	YTT INDUSTRIES PRIVATE LIMITED
EC Identification No.	EC23A022UP131519
Period of Compliance Report	Post-Monsoon Period [December 2024]

S. No.	A. SPECIFIC CONDITIONS	COMPLIANCE STATUS
(i)	As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the proposed capacity of 160 KLPD shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	<i>Noted, It shall be strictly complied. Copy of Environment Clearance is enclosed as Annexure-01</i>
(ii)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented as per proposed in Annexure-I.	<b><i>Project is in operation phase. All environmental protection measures have been taken by the industry.</i></b> <i>Ref No.:- 203266 /UPPCB /Bareilly (UPPCBRO) /CTO /both /SHAHJAHANPUR /2024 Dated: 27/02/2024.</i> <i>Valid Till:- 31/12/2028</i> <i>CTO is attached as Annexure 02.</i>
(iii)	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before	<i>Noted.</i>

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

	start of construction activities.	
(iv)	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing of the ground water for the distillery activities, State Pollution Control Board shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	<p><i>All relevant clearances have been obtained prior to start of project construction.</i></p> <p><i>For withdrawal of ground water, unit has obtained borewell NOC from Uttar Pradesh Ground Water Department vide CERTIFICATE NO: NOC023985, VALID FROM 07/08/2023 TO 06/08/2028 and CERTIFICATE NO: NOC033692, VALID FROM 07/08/2023 TO 06/08/2028</i></p> <p><i>NOC is enclosed as <b>Annexure-03</b></i></p>
(v)	Total fresh water requirement shall not exceed 640 m <sup>3</sup> /day, which will be Sourced from ground water. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.	Noted and shall be complied.
(vi)	Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., is shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises.	<p><b>Water Quality Management</b></p> <ul style="list-style-type: none"> <li>➤ <i>The distillery is based on "Zero Liquid Discharge".</i></li> <li>➤ <i>During Grain Based Operation: Grain Slops (Spent Wash) is being passed through centrifuge decanters for separation of suspended solids separated as Wet Cake (also known as DWG – Distillers Wet Grains). Thin Slops from the Decanter Centrifuge will be partly recycled back to process (20% to 35%) and the balance will be fed to Thin Slop Evaporation Plant for concentration of remaining solids to form Syrup (35% TS). DWGS Drier: The Wet Cake and Syrup mixture (Distillers Wet Grains Soluble - DWGS) will be dried in Steam Tube Bundle Dryer for producing DDGS with 8-10% moisture (max.). The DDGS will be utilized as Cattle, poultry and fish feed ingredients.</i></li> <li>➤ <i>The process condensate is being treated in condensate treatment plant. The treated water is being recycled back in cooling tower makeup.</i></li> <li>➤ <i>Domestic waste water is being treated in STP (10 KLPD).</i></li> <li>➤ <i>Rain Water harvesting has been done within the plant premises.</i></li> </ul>

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

(vii)	<p>ESP with a stack height of 60 meters will be installed with the Rice Husk/coal fired 40 TPH boiler for controlling the particulate emissions within the statutory limit of 30 mg/Nm<sup>3</sup>. SO<sub>2</sub> and NO<sub>x</sub> emissions shall be less than 100 mg/Nm<sup>3</sup>. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.</p>	<p><i>Noted. Project operation has been started after providing air pollution control equipments.</i></p> <p><i>Regular maintenance of pollution control equipment will also be done.</i></p> <p><i>Online stack monitoring system has been installed.</i></p> <p><i>CO<sub>2</sub> generated during the fermentation process is being collected, scrubbed and sold to beverage &amp; packaging industry.</i></p> <p><i>DG Sets will have adequate stack height as per CPCB guidelines. Low Sulphur diesel is being used.</i></p>																						
(viii)	<p>Boiler ash (35 TPD) will be used for brick manufacturing in proposed brick manufacturing plant inside plant premises. PP shall use Rice Husk/coal as fuel. Low sulphur coal with maximum sulphur content of 0.5% shall only be used. PP shall meet 15% of the total power requirement from solar power by generating power inside plant premises.</p>	<p><i>Noted. Ash from the boiler will be used for in-house brick plant.</i></p> <table border="1" data-bbox="821 894 1414 1188"> <thead> <tr> <th colspan="4">Fuel for Boiler (40 TPH)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1.</td> <td>00% Rice Husk + 20% Biomass Pellets</td> <td>106 (Biomass Pellet = 150 TPD, Indian coal - 36 Tons)</td> <td>61380 TPA (Biomass Pellet = 49,500 TPA, Indian coal = 11,880 TPA)</td> </tr> <tr> <td colspan="3">From Nearby Rice Mill &amp; Local Market</td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Or</b></td> </tr> <tr> <td rowspan="2">2.</td> <td>80% Indian coal + 20% Biomass Pellets</td> <td>150 Tons/day (Indian coal=120 TPD, Biomass Pellet= 30 Tons)</td> <td>49,500 TPA (Indian coal :- 39,600 TPA, Biomass Pellet:- 9,900 TPA)</td> </tr> <tr> <td colspan="3">Local Market</td> </tr> </tbody> </table> <p>Solar power panel has been installed within project premises with having capacity equal to 15% of required power demand.</p>	Fuel for Boiler (40 TPH)				1.	00% Rice Husk + 20% Biomass Pellets	106 (Biomass Pellet = 150 TPD, Indian coal - 36 Tons)	61380 TPA (Biomass Pellet = 49,500 TPA, Indian coal = 11,880 TPA)	From Nearby Rice Mill & Local Market			<b>Or</b>				2.	80% Indian coal + 20% Biomass Pellets	150 Tons/day (Indian coal=120 TPD, Biomass Pellet= 30 Tons)	49,500 TPA (Indian coal :- 39,600 TPA, Biomass Pellet:- 9,900 TPA)	Local Market		
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(ix)	<p>CO<sub>2</sub> (98 TPD) generated during the fermentation process will be collected by utilizing CO<sub>2</sub> scrubbers and it shall be sold to authorized vendors/collected in proposed bottling plant.</p>	<p><i>Noted. CO<sub>2</sub> generated during the fermentation process will be collected, scrubbed and sold to beverage &amp; packaging industry.</i></p>																						
(x)	<p>PP shall allocate at least Rs. 0.5 Crore/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers &amp; employees shall be provided with required safety kits/mask for personal protection.</p>	<p><i>Noted and shall be done.</i></p>																						
(xi)	<p>Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety</p>	<p><b>Construction Phase:</b> <i>PPEs according to the job like helmet, safety shoes, goggle, dust mask, ear plug and hand gloves etc.</i></p>																						

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

	and visual reality training shall be provided to employees.	<p><i>have been provided to construction workers.</i></p> <p><b>Operation Phase:</b> <i>Following practices will be done to ensure safety of workers:</i></p> <p><i>Organize, Safety training, seminars for safe working and safe vehicle and traffic movement within the plant premises and regular training for safe driving outside the plant premises</i></p> <p><i>Ensure use of PPEs according to the job like helmet, safety shoes, goggles, dust mask, ear plug and hand gloves etc.</i></p> <p><i>Establishment of Occupational Health Centre for pre and periodic medical examination of workers and staff to detect any onset of occupational disease and corrective measures</i></p> <p><i>Display Material Safety Data Sheet (MSDS) for use of every hazardous substance</i></p> <p><i>Periodic safety audits both internal and external, review and implementation of recommendations.</i></p>
(xii)	PP shall ensure that location of the storage tanks should be decided in such a way that impact of the risk under abnormal conditions/ worst case scenario shall remain within the plant boundary level. Further, all the safety measures shall be taken and permission from the PESO shall be obtained before construction of plant. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	<i>Noted.</i>
(xiii)	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	<i>Agreed to comply.</i>
(xiv)	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste;	<i>CO2 will be the by-product which will be collected, liquefied stored and sold to other users.</i>

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

	<p>(b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p><b>Type of Waste</b></p> <p><i>DDGS – (by product) (Dried distillers’ grains with soluble)</i></p> <p><i>Carbon Dioxide(CO<sub>2</sub>)</i></p>	<p><b>Quantity</b></p> <p><i>37,800 TPA</i></p> <p><i>34,300 TPA</i></p>	<p><b>Utilization/ Disposal</b></p> <p><i>Sold as Cattle Feed, Poultry &amp; Fisheries</i></p> <p><i>Will be supplied to beverages industry.</i></p>																																																												
(xv)	<p>The green belt of at least 5-10 m width has already been developed in 2.5 hectares i.e., 33 % of total project area shall be maintained with tree density @ 2500 trees per hectares, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Thick green belt shall be developed between the plant boundary and parking area. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt.</p>	<p><i>A green area of 2.5 ha (33%) will be developed in the plant premises. Approx. 10m wide green area will be developed around the plant premises.</i></p> <p><i>Total Trees required as per CPCB/MoEF&amp;CC Norms @ 2,500/Ha = 2.5 x 2,500 = 6250 No’s It is proposed to plant 6300 No’s of trees.</i></p> <p><i>The species selection will depend upon type of soil and local species with good survival rate will be selected.</i></p> <table border="1" data-bbox="797 1094 1419 1871"> <thead> <tr> <th><b>S. No</b></th> <th><b>Type</b></th> <th><b>Scientific Name</b></th> <th><b>Common Name</b></th> <th><b>No of Trees</b></th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>A10</td> <td><i>Acacia Nilotica</i></td> <td><i>Babul</i></td> <td>500</td> </tr> <tr> <td>2.</td> <td>A44</td> <td><i>Azadirachta indica</i></td> <td><i>Neem</i></td> <td>900</td> </tr> <tr> <td>3.</td> <td>B10</td> <td><i>Bauhinia Varigata</i></td> <td><i>Kachnar</i></td> <td>600</td> </tr> <tr> <td>4.</td> <td>D5</td> <td><i>Derris indica</i></td> <td><i>Karanj</i></td> <td>500</td> </tr> <tr> <td>5.</td> <td>F5</td> <td><i>Ficus Glomerata</i></td> <td><i>Gular</i></td> <td>400</td> </tr> <tr> <td>6.</td> <td>L2</td> <td><i>Lagerstroemia speciosa</i></td> <td><i>Patoli</i></td> <td>500</td> </tr> <tr> <td>7.</td> <td>M2</td> <td><i>Modhuco longifolia</i></td> <td><i>Mahula</i></td> <td>400</td> </tr> <tr> <td>8.</td> <td>P16</td> <td><i>Prosopis cmeroria</i></td> <td><i>Shami</i></td> <td>500</td> </tr> <tr> <td>9.</td> <td>P9</td> <td><i>Saraca asoca</i></td> <td><i>Ashok</i></td> <td>800</td> </tr> <tr> <td>10.</td> <td>S5</td> <td><i>Salix tetrospermo</i></td> <td><i>Baisi</i></td> <td>500</td> </tr> <tr> <td>11.</td> <td>T6</td> <td><i>Terminalia arjuna</i></td> <td><i>Arjun</i></td> <td>700</td> </tr> </tbody> </table>			<b>S. No</b>	<b>Type</b>	<b>Scientific Name</b>	<b>Common Name</b>	<b>No of Trees</b>	1.	A10	<i>Acacia Nilotica</i>	<i>Babul</i>	500	2.	A44	<i>Azadirachta indica</i>	<i>Neem</i>	900	3.	B10	<i>Bauhinia Varigata</i>	<i>Kachnar</i>	600	4.	D5	<i>Derris indica</i>	<i>Karanj</i>	500	5.	F5	<i>Ficus Glomerata</i>	<i>Gular</i>	400	6.	L2	<i>Lagerstroemia speciosa</i>	<i>Patoli</i>	500	7.	M2	<i>Modhuco longifolia</i>	<i>Mahula</i>	400	8.	P16	<i>Prosopis cmeroria</i>	<i>Shami</i>	500	9.	P9	<i>Saraca asoca</i>	<i>Ashok</i>	800	10.	S5	<i>Salix tetrospermo</i>	<i>Baisi</i>	500	11.	T6	<i>Terminalia arjuna</i>	<i>Arjun</i>	700
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**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

		<b>Total</b>	6300				
		<b>Source:</b> <i>PROBES/75/1999-2000:</i>	<b>Program Objectives Series:</b> <i>Guidelines for</i> <b>Development of Green areas</b>				
(xvi)	PP proposed to allocate Rs. 3.0 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure-II). Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.	<i>Noted and shall complied.</i>					
(xvii)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc.	<i>Parking facilities, as well as small canteen for workers and guests will be created. A canteen with rest room will also be available for the supply of tea; snacks; food to the workers and drivers, visitors etc. Sufficient parking space will be created for the parking of Trucks; cars etc.</i>					
		<b>Land use</b>	<b>Area (Ha)</b>				
		<b>Percentage (%)</b>					
		<i>Parking</i>	<i>1.14</i>				
			<i>15</i>				
(xviii)	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	<i>The basic raw material for the manufacturing of Ethanol will be Grain such as damaged grain feed stock; broken rice and Corn/maize will be used as raw material which is easily available from the local market.</i>					
		<b>Raw Material Requirements</b>					
		<b>S. No</b>	<b>Particular</b>	<b>Qty/D ay</b>	<b>Qty/ Annu m</b>	<b>Stora ge</b>	<b>Mode of Transp ortation</b>
		1	Grain (Rice/ Maize)	405.33 TPD	1418 66 TPA	Silo & Godown	Through Grain suppliers By road
		<i>Materials required for process will be stored in tanks, storage godowns or silos. Finished product (Ethanol) will be collected in respective daily receivers and then transferred to bulk storage tanks.</i>					
(xix)	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants Concentration and the data to be	Online stack monitoring system has been installed.					
		<b>Particulars</b>	<b>Capital Cost (In INR Cr)</b>	<b>Annual Recurring (Cost in INR Cr)</b>			

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

	transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous Emission Monitoring System and Ambient Air Quality Monitoring System	0.85	0.25
		Regular monitoring will be done to ensure that ambient air quality standards are met all the time.		
(xx).	A separate Environmental Management Cell (having qualified person with Environmental Science/ Environmental Engineering /specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director /CEO as per company hierarchy.	<i>Noted.</i>		
(xxi)	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	<i>Noted.</i>		
<b>B. General Condition</b>				
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<i>Noted.</i>		
(ii)	The energy source for lighting	<i>Noted.</i>		

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
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	purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	<i>LED will be preferred for lighting the campus.</i>															
(iii)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<ul style="list-style-type: none"> <li>➤ <i>D.G. sets have been provided with acoustic to control the noise level within the prescribed limit.</i></li> <li>➤ <i>Proper maintenance, oiling and greasing of machines at regular intervals will be done to reduce generation of noise.</i></li> <li>➤ <i>Green area of appropriate width inside the plant premises and at the plant boundary is under development.</i></li> <li>➤ <i>Regular monitoring of noise level will be carried out and corrective measures in concerned machinery are also being done.</i></li> </ul>															
(iv)	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p><i>The estimated CER cost for the proposed unit will be INR 1.9 Cr. which will be approx. 1% of the total project cost i.e. INR 190.15 Cr.</i></p> <table border="1"> <thead> <tr> <th><b>S. No</b></th> <th><b>Description</b></th> <th><b>Value in INR (Cr)</b></th> </tr> </thead> <tbody> <tr> <td>1.</td> <td><i>a. Development of Village roads. b. Upgradation of portable drinking water facility in nearby Village Patna Devkali and Village Ikauna Sheopuri</i></td> <td>0.60</td> </tr> <tr> <td>2.</td> <td><i>Installation of solar panels (15 nos.) in Village Patna Devkali and Village Ikauna Sheopuri</i></td> <td>0.40</td> </tr> <tr> <td>3.</td> <td><i>Upgradation of medical facility in nearby hospital or in Govt Hospital.</i></td> <td>0.40</td> </tr> <tr> <td>4.</td> <td><i>Development of schools of nearby area/villages and educational support services for children/students and Fans, drinking water facility, Upgradation of sanitary facility (One for male and one for female), Distribution of IT gadgets (students of class 12), Printers, Computers in schools present in nearby in</i></td> <td>0.30</td> </tr> </tbody> </table>	<b>S. No</b>	<b>Description</b>	<b>Value in INR (Cr)</b>	1.	<i>a. Development of Village roads. b. Upgradation of portable drinking water facility in nearby Village Patna Devkali and Village Ikauna Sheopuri</i>	0.60	2.	<i>Installation of solar panels (15 nos.) in Village Patna Devkali and Village Ikauna Sheopuri</i>	0.40	3.	<i>Upgradation of medical facility in nearby hospital or in Govt Hospital.</i>	0.40	4.	<i>Development of schools of nearby area/villages and educational support services for children/students and Fans, drinking water facility, Upgradation of sanitary facility (One for male and one for female), Distribution of IT gadgets (students of class 12), Printers, Computers in schools present in nearby in</i>	0.30
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**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

			<i>nearby villages.</i>	
		5	<i>Awareness programmes (10 Nos) for the farmers for enhancing soil productivity in nearby villages.</i>	0.20
		<b>Total</b>		<b>1.90</b>
(v)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Noted		
(vi)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	<i>Noted.</i>		
(vii)	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&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	<p><i>Noted and being complied. Six-Monthly compliance of the Stipulated environmental clearance conditions including results of monitored data is being submitted at the prescribed dates.</i></p> <p><i>The project is in operation phase, photographs showing status of the project is enclosed as <b>annexure-04.</b></i></p> <p><i>Monitoring of environment parameters have been conducted and analyzed by NABL accredited. Copy of test report is enclosed as <b>Annexure-05.</b></i></p>		
(viii)	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)	<i>The environmental statement for each financial year ending 31st March in Form-V shall be submitted in operational phase of the project.</i>		

**POST-MONSOON DECEMBER 2024 ENVIRONMENT CLEARANCE COMPLIANCE REPORT OF  
YTT INDUSTRIES PRIVATE LIMITED**

	Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	
(ix)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> . 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.	<i>Noted.</i>
(x)	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.	Noted and shall be complied.
(xi)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted.

ENVIRONMENTAL  
CLEARANCE

**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

To,

The -1

YTT INDUSTRIES PRIVATE LIMITED

Shop No 2, 2nd Floor, Kaveri Centre, Sanjay Place, Agra, UP,,Agra,Uttar Pradesh-282002

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/UP/IND2/423087/2023 dated 23 Mar 2023. The particulars of the environmental clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. <b>EC Identification No.</b>                   | <b>EC23A022UP131519</b>  |
| 2. <b>File No.</b>                                | IA-J-11011/129/2023-IA-II(I)   |
| 3. <b>Project Type</b>                            | New  |
| 4. <b>Category</b>                                | A  |
| 5. <b>Project/Activity including Schedule No.</b> | 5(g) Distilleries  |
| 6. <b>Name of Project</b>                         | Greenfield project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation power plants located at Village- Daranagar Arthari, Pargana- Jalalabad, Tehsil-Kalan, Dist.- Shahjahanpur, Uttar Pradesh |
| 7. <b>Name of Company/Organization</b>            | YTT INDUSTRIES PRIVATE LIMITED   |
| 8. <b>Location of Project</b>                     | Uttar Pradesh  |
| 9. <b>TOR Date</b>                                | N/A  |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/04/2023

(e-signed)  
A N Singh  
Scientist E  
IA - (Industrial Projects - 2 sector)

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

*This is a computer generated cover page.*

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environment Single-Window Hub)



This has reference to your online proposal no. IA/UP/IND2/423087/2023 dated 23<sup>rd</sup> March, 2023 for environmental clearance to the above-mentioned project.

**2.** The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for establishment of 160 KLD Grain Based Ethanol Plant along with Rice Husk/coal based 4.5 MW Co-generation Power Plant located at Village- Daranagar, Arthari, Pargana-Jalalabad, Tehsil- Kalan, Dist- Shahjahanpur, Uttar Pradesh by M/s. YTT Industries Private Limited.

**3.** As per the MoEF&CC Notification S.O. 2339(E), dated 16<sup>th</sup> June, 2021, a special provision in the EIA Notification, 2006-(Schedule 5 (ga), Category B2) is made, wherein for all applications made for Grain based distilleries with Zero Liquid Discharge producing ethanol; solely to be used for Ethanol Blended Petrol Programme of the Government of India shall be considered under B2 Category and appraised at Central Level by Expert Appraisal Committee (EAC) with condition that the project proponent shall file a notarized affidavit that ethanol produced from proposed project shall be used completely for EBP Programme.

**4. The details of products and capacity as under:**

<b>S. No.</b>	<b>Name of Unit</b>	<b>Name of the product /by-product</b>	<b>Production capacity</b>
1	Distillery	Ethanol	160 KLD
2	Co-generation power plant	Power	4.5 MW
3	DWGS dryer	DDGS	108 TPD
4	Fermentation unit	Carbon di-oxide	98 PD

**5.** Standard ToR and Public Hearing is not applicable as the project falls under category B2 as per OM dated 16<sup>th</sup> June, 2021. It was informed that there is no litigation is pending against the project.

**6.** Total land area required is 7.59 hectares. Greenbelt will be developed in 2.5 hectares land i.e., 33% of total project area. The estimated project cost is INR Rs. 190.15 Crores. Capital cost of EMP would be INR Rs. 28.5 Crores and recurring cost for EMP would be INR Rs. 7.15 Crores per annum. Industry proposes to allocate Rs. 3.0 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 145 persons as direct & indirect.

**7.** There are no national parks, wildlife sanctuaries, wildlife corridors etc. within 10 km distance. Conservation plan for schedule I species has been submitted to PCCF, Lucknow and a budget of 0.05 Crores has been earmarked for the same.

Reserve Forest is at 4.1 km towards NE; Pond is at 0.2 km towards WSW; Aril Nadi is at 1.5 km towards E; Bahata Nala is at 3 km towards SW; Purnihai Talab is at 3.3 km towards E; Sot Nadi is at 4.5 km towards SW. Flood NOC for pond has been obtained from office executive engineer, Sharda Canal Section, Shahjahanpur dated 21.03.2023.

**8.** AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be  $0.24 \mu\text{g}/\text{m}^3$ ,  $0.1 \mu\text{g}/\text{m}^3$ ,  $0.41 \mu\text{g}/\text{m}^3$ ,  $1.21 \mu\text{g}/\text{m}^3$  and  $1.06 \mu\text{g}/\text{m}^3$  with respect to  $\text{PM}_{10}$ ,  $\text{PM}_{2.5}$ ,  $\text{SO}_2$ ,  $\text{NO}_2$  and CO. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

**9.** Total fresh water requirement including CPP will be  $640 \text{ m}^3/\text{day}$  which will be met from ground water. The application for extraction of ground water has been applied to Ground Water Department, Govt. of Uttar Pradesh vide application No. SHJP0323NIN0048 dated 17.03.2023. Effluent (Condensate/spent lees/blowdown etc.) of  $590 \text{ m}^3/\text{day}$  quantity will be treated through Condensate Polishing Unit/Effluent Treatment Plant of capacity 700 KLPD. Raw stillage will be sent to decanter followed by MEE and dryer to produce DDGS. STP of capacity 10 KLD will be installed to treat sewage generated from factory premises. The plant will be based on Zero Liquid discharge system and no effluent/treated water will be discharged outside factory premises.

**10.** Power requirement will be 4.5 MW, which will be met from proposed 4.5 MW co-generation power plant. ESP with stack height of 60 m will be installed with 40 TPH Coal and Rice Husk fired boiler for controlling the particulate emissions within the statutory limit of  $50 \text{ mg}/\text{Nm}^3$ . 1 x 500 kVA DG sets will be used as standby during power failure and stack height (10 mtr) will be provided as per CPCB norms to the proposed DG sets.

**11. Details of Process emissions generation and its management:**

- ESP with a stack height of 60 meters will be installed for controlling the particulate emissions.
- Online Continuous Emission Monitoring System will be installed with the stack and data will be transmitted to CPCB/SPCB servers.
- $\text{CO}_2$  (98 TPD) generated during the fermentation process will be collected by utilizing  $\text{CO}_2$  scrubbers and it shall be sold to authorized vendors/collected in installed bottling plant.

**12. Details of solid waste/Hazardous waste generation and its management:**

- DDGS (Distilled Dried Grains Stillage) (108 TPD) will be sold as cattle feed/fish feed/ prawn feed.
- Boiler ash (35 TPD) will be used for brick manufacturing in proposed brick manufacturing plant inside plant premises of capacity approx. 1.85 Cr. bricks per annum.
- Used oil (2.0 Kilolitres per annum) will be sold to authorized recyclers.
- CPU sludge (28.35 kg/day) and STP Sludge (1.09 kg/day) will be used as manure.

**13.** As per Notification S.O 2339(E), dated 16<sup>th</sup> June, 2021, PP has submitted self certification in the form of notarized affidavit declaring that the proposed capacity of 160 KLPD will be used for manufacturing fuel ethanol only.

**14.** Total land available is 7.59 ha. 4.70 ha is under the possession of company & for remaining 2.89 ha registered sale agreement is executed. CLU application has been filled to the Sub Divisional Magistrate, Shahjahanpur, U.P for conversion of agricultural land to Industrial land.

**15.** During deliberations, EAC discussed following issues:

- PP informed that an amount of 3.0 Cr has been earmarked for Corporate Environment Responsibility.
- PP informed that they will maintain additional 20m of buffer zone for entry exit of project through service lane.
- PP informed that they have increased no. of trees for green belt from 6300 to 7200. Revised list of trees to be planted has been submitted.
- Ethanol storage tank capacity is 1600 KL; No. of Tanks = 6 no. x 250 KL + 1 no. x 100 KL.
- PP informed that the total land available is 7.59 ha. 4.70 ha is under the possession of company & for remaining 2.89 ha registered sale agreement is executed by Sub Registrar Office, Shahjahanpur dated 18.03.2023.
- CLU application has been submitted to the Sub Divisional Magistrate, Shahjahanpur, U.P dated 16.03.2023 for conversion of agricultural land to Industrial land. CL
- 15% of power requirement will be met through solar energy.
- PP informed that they have applied for obtaining NOC from CGWA
- They will install five field Electro Static Precipitator (ESP) with boiler stack to control the particulate and gaseous emissions.
- They will construct Garland drain all along the project boundary.
- PP has carried out revised AAQ modelling study for point source emissions (boiler and DG set ) indicates that the maximum incremental GLCs after the proposed project would be 0.14  $\mu\text{g}/\text{m}^3$ , 0.02  $\mu\text{g}/\text{m}^3$ , 0.45  $\mu\text{g}/\text{m}^3$ , 0.77  $\mu\text{g}/\text{m}^3$  and 0.26  $\mu\text{g}/\text{m}^3$  with respect to PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>2</sub> and CO. The

resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

- PP has submitted revised list of plant species to be planted.
- Remodelling of risk assessment considering storage capacity.
- PP shall ensure that location of the storage tanks should be decided in such a way that impact of the risk under abnormal conditions/ worst case scenario shall remain within the plant boundary level. Further, all the safety measures shall be taken and permission from the PESO shall be obtained before construction of plant.
- Revised process flow diagram of ETP comprising RO has been submitted. Treated effluent will be recycled back in process and cooling tower make up.

The committee was satisfied with the response provided by PP on above information.

**16.** The proposal was considered by the EAC (Meeting ID: IA/IND2/13474/05/04/2023) held on 05<sup>th</sup> – 06<sup>th</sup> April, 2023 in the Ministry, wherein the project proponent and the accredited Consultant M/s. GRC India Pvt. Ltd. (NABET certificate no. NABET/EIA/2124/RA0213 and valid till 15.02.2024), presented the case. The Committee **recommended** the project for grant of environmental clearance.

**17.** The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

**18.** The Committee noted that the EMP report is in compliance of the PFR. The Committee deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

**19.** The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

**20.** Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance for establishment of 160 KLD Grain Based Ethanol Plant along with 4.5 MW Co-generation Power Plant located at located at Village- Daranagar, Arthari, Pargana-Jalalabad, Tehsil- Kalan, Dist- Shahjahanpur, Uttar Pradesh by M/s. YTT Industries Private Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

**A. Specific Condition:**

- (i). As per the Notification S.O. 2339(E), dated 16<sup>th</sup> June, 2021, project falls in category B2 and the proposed capacity of 160 KLPD shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.
- (ii). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented as per proposed in Annexure-I.
- (iii). EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.

- (iv). NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing of the ground water for the distillery activities, State Pollution Control Board shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
- (v). Total fresh water requirement shall not exceed 640 m<sup>3</sup>/day, which will be sourced from ground water. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.
- (vi). Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., is shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises.
- (vii). ESP with a stack height of 60 meters will be installed with the Rice Husk/coal fired 40 TPH boiler for controlling the particulate emissions within the statutory limit of 30 mg/Nm<sup>3</sup>. SO<sub>2</sub> and NO<sub>x</sub> emissions shall be less than 100 mg/Nm<sup>3</sup>. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
- (viii). Boiler ash (35 TPD) will be used for brick manufacturing in proposed brick manufacturing plant inside plant premises. PP shall use Rice Husk/coal as fuel. Low sulphur coal with maximum sulphur content of 0.5% shall only be used. PP shall meet 15% of the total power requirement from solar power by generating power inside plant premises.
- (ix). CO<sub>2</sub> (98 TPD) generated during the fermentation process will be collected by utilizing CO<sub>2</sub> scrubbers and it shall be sold to authorized vendors/collected in proposed bottling plant.

- (x). PP shall allocate at least Rs. 0.5 Crore/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xi). Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (xii). PP shall ensure that location of the storage tanks should be decided in such a way that impact of the risk under abnormal conditions/ worst case scenario shall remain within the plant boundary level. Further, all the safety measures shall be taken and permission from the PESO shall be obtained before construction of plant. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (xiii). Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
- (xiv). The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xv). The green belt of at least 5-10 m width has already been developed in 2.5 hectares i.e., 33 % of total project area shall be maintained with tree density @ 2500 trees per hectares, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Thick green belt shall be developed between the plant boundary and parking area. Indigenous species shall only be developed as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be

selected for plantation. PP shall develop atleast 20 variety of species as a part of greenbelt.

- (xvi). PP proposed to allocate Rs. 3.0 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure-II). Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.
- (xvii). There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc.
- (xviii). Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.
- (xix). Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (xx). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.
- (xxi). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by

MOEFCC on 12<sup>th</sup> August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

**B. General Condition:**

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) 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&CC, the respective Zonal Office of CPCB

and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

- (viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- (x) 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.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**21.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

**22.** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**23.** Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**24.** The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the competent authority.

**(A. N. Singh)**  
**Scientist-'E'**

**Copy to: -**

1. The Secretary, Department of Environment, Government of Uttar Pradesh, 601, Bapu Bhawan, Secretariat, Vidhan Sabha Marg, Lucknow (UP) – 1
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Kendriya Bhawan, 5<sup>th</sup> Floor, Sector "H", Aliganj, Lucknow - 226020
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Uttar Pradesh Pollution Control Board, Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow – 10
5. The Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 11
6. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
7. The District Collector, District Shahjahanpur, Uttar Pradesh
8. Guard File/Monitoring File/Parivesh portal/Record File

**(A. N. Singh)**  
**Scientist-'E'**

**E-mail: aditya.narayan@nic.in**  
**Tel. No. 11-24642176**

**Annexure -I**

**Capital cost and recurring cost of EMP are given below:**

<b>S. No</b>	<b>Particulars</b>	<b>Capital Cost (In INR Cr)</b>	<b>Annual Recurring (Cost in INR Cr)</b>
1	Air pollution control system ESP with stack, Industrial vacuum cleaner, road sweeping machine, etc.	5.5	1.5
2	Continuous Emission Monitoring System and Ambient Air Quality Monitoring System	0.85	0.25
3	Scrubbing system, compressing system,	4	1.0

	liquefying system and storage for CO <sub>2</sub> removal		
4	Treatment system for spent wash, DWGS centrifuge decanter, DDGS dryer for ZLD system, Construction of Garland drains, Water Reservoir	4.5	1.25
5	Condensate Polishing unit for water treatment and recycle, STP	2.75	0.50
6	Ash handling and management	1.5	0.25
7	Fire Fighting measures	0.6	0.15
8	In-house Solar power Plant	3.5	1.0
9	Rainwater harvesting systems	1	0.25
10	Occupational Health Management	0.5	0.20
11	Noise Reduction Systems	0.3	0.10
12	Green Belt Development	0.85	0.20
13	Environment monitoring	0	0.25
14	Environment management cell	0.75	0.25
15	CER	1.9	-
	<b>Total</b>	<b>28.5</b>	<b>7.15</b>

## Annexure - II

### **Details of extended EMP (CER) with proposed activities and budgetary allocation:**

<b>S.N.</b>	<b>Description</b>	<b>Amount in Rs. (Cr,)</b>
1	a. Development of Village roads b. Upgradation of portable drinking water facility in nearby Village Patna Devkali and Village Ikauna Sheopuri	1.00
2	Installation of solar panels (15 nos.) in Village Patna Devkali and Village Ikauna Sheopuri	0.60
3	Up-gradation of medical facility in nearby hospital or in Govt Hospital.	0.50
4	Development of schools of nearby area/villages and educational support services for children/students and Fans, drinking water facility, Upgradation of sanitary facility (One for male and one for female), Distribution of	0.60

	IT gadgets (students of class 12), Printers, Computers in schools present in nearby in nearby villages	
5	Awareness programmes (10 Nos) for the farmers for enhancing soil productivity in nearby villages.	0.30
<b>Total</b>		<b>3.00</b>



## Uttar Pradesh Pollution Control Board

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

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

203266/UPPCB/Bareilly(UPPCBRO)/CTO/both/SHAHJAHANPUR /2024

Date: 27/02/2024

To,

M/s

**YTT INDUSTRIES PVT LTD**

Village Daranagar, Arthari, Pargana Jalalabad, Tehsil Kalan, District  
Shahjahanpur, U.P,SHAHJAHANPUR,242227

Application Id-  
24894333

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

CCA is hereby granted to **YTT INDUSTRIES PVT LTD** located at **Village Daranagar, Arthari, Pargana Jalalabad, Tehsil Kalan, District Shahjahanpur, U.P,SHAHJAHANPUR,242227**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA YTT INDUSTRIES PVT LTD granted for the period from **27/02/2024 to 31/12/2028** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Ethanol	160	Kilo Liters/Day
2	Co-generated Power	4.5	Megawatt

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

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

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	06 KLD	STP	Irrigation on Land
Industrial	ZLD	ETP	ZLD

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

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

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

### Industrial Effluent Quality Standard

S.No.	Parameter	Standard
1	Quantity of Discharge	ZLD

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

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

S No.	Parameters	Standards
1	pH	5.5 to 9
2	BOD (mg/L)	30
3	TSS (mg/L)	100
4	Fecal Coliform (MPN/100ml)	1000

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

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

#### Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Boiler of 40 TPH	Rice Husk - 186 TPD & Biomass -150 TPD	01	Particulate Matter	Equipped with ESP and Stack of 60 metre from ground level
2	DG set 500 KVA	Diesel	02	Particulate Matter	Equipped with canopy and stack height of 4.2 meter above from the roof of the nearest building

#### Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	01	Particulate Matter	150 mg/Nm <sup>3</sup>
2	02	Particulate Matter	As per E(P)A Rules 1986

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

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

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

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

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

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

- (i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.
  - (ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.
5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.
6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.
7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.
8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

**General Conditions:-**

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

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

### **Specific Conditions:-**

1. This Consent to Operate is valid for production of 160 KLD Ethanol and 4.5 MW co-generation power by using Grain (Rice / Maize) - 405.33 TPD.

2. The spent wash generated 590 KLD shall be concentrated through MEE and decanter and thin slop shall be reused in the fermentation process. The thick protein syrup shall be dried to make DDGS 108 TPD for cattle feed/poultry feed / fish feed.

3. The yeast sludge shall mixed with press mud for production of compost. The unit has installed carbon di oxide plant for the purification of carbon di oxide plant generated from fermentation plant and 98 TPD condensated carbon di oxide plant shall be produced which shall be used in different process.

4. Unit shall operate and maintain the installed CPU of 700 KLD capacity for the treatment of condensate generated from MEE and spent lease.

5. Unit shall operate and maintain the installed STP of 10 KLD capacity for the treatment of 6 KLD sewage to be generated .

6. Unit Shall restrict lined storage capacity to 07 days of spent wash generation.

7. Unit shall operate in Zero Liquid Discharge and no effluent is allowed to discharge outside the premises.

8. Unit shall install Electromagnetic Flow Meter at inlet and outlet of STP and shall maintain the records.

9. Unit shall install mass flow meters and totalizer at inlet and outlet of MEE, Flow meter at feed line of Dryer and proper logbook shall be maintained

10. Unit has installed boiler of 40 TPH which is equipped with ESP and Stack height of 60 meter from ground level. Fuel in the boiler shall be rice husk 186 TPD and biomass 150 TPD. Ash generated 35 TPD shall be used in brick manufacturing.

11. Unit shall operate and maintain the installed Air pollution control system in the boiler properly and in an environmental friendly manner.

12. Unit has 01 DG set of 500 KVA capacity with canopy and stack height 4.2 meter above the roof of nearest building.

13. Unit shall install online emission monitoring system at 40 TPH boiler within 03 months and maintain the records, and ensure the connectivity to the servers of CPCB and UPPCB.

14. Fly ash shall be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with storm water . Direct exposure of workers to fly ash & dust shall be avoided.

15. Unit shall identify recipient drains/ rivulets and their u/s & d/s location in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at u/s & d/s location through lab recognized under Environment (Protection) Act,1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB.

16. Unit must operate and maintain properly the installed flow meter and web camera and shall ensure on line connectivity of flow meter and web camera with server of CPCB and UPPCB.

17. Unit shall develop Green Belt in minimum 33 percent area of Industrial Premises as per the provisions laid down in office order no. H16405/220/2018/02 dated 16-02-2018 of U.P. Pollution Control Board. The

copy of said office order is available on the website of U.P. Pollution Control Board [www.uppcb.com](http://www.uppcb.com).

18. Process effluent / any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.

19. The overall noise levels in and around area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. The ambient noise level shall conform to the standards under the Environment (Protection) Act 1986.

20. Unit shall comply the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 and shall obtain authorization for disposal of hazardous waste.

21. Unit shall comply the provisions of Water (Prevention and Control of Pollution) Act 1974 as Amended and Environment (Protection) Act 1986, and direction issued by Hon'ble National Green Tribunal, New Delhi in Order dated 13.07.2017 in OA no. 200/2014, M.C. Mehta v/s Union of India.

22. Unit shall submit ground water quality monitoring report done by MoEF & CC approved laboratory in every 3 months.

23. Unit shall submit the ambient air quality report and stack report of the air pollution sources from laboratory authorized from MOEF & CC on quarterly basis.

24. This Consent order shall automatically become invalid on issuance of Closure Order by C.P.C.B / UPPCB and further on Revoking of Closure order, the Consent order shall become valid.

**Rajendra Singh**  
Chief Environment Officer  
Digitally signed  
by Rajendra Singh  
Date: 2024.03.02

Copy to:

Regional Officer Bareilly to ensure the compliance of the conditions imposed in the consent order.

**Rajendra Singh**  
Chief Environment Officer  
Digitally signed  
by Rajendra Singh  
Date: 2024.03.02  
11:33:15 +05'30'



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



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

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

**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: NOC023985

**VALID FROM 07/08/2023 TO 06/08/2028**

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

<b>Registration No.: 202306000319</b>			
<b>Name of the Owner</b>	KANHAIYA KUMAR YADAV		
<b>Designation</b> पद	PROJECT HEAD	<b>Company Name</b> कंपनी का नाम	YTT INDUSTRIES PVT. LTD.
<b>Company Address</b> कंपनी का पता	VILLAGE-DARANAGAR ARTHARI, TEHSIL-KALAN, SHAHJAHAN	<b>Authorization Letter</b> प्राधिकार पत्र	Download
<b>Address of the Applicant</b>	35, DEWAITHA, DEVAITHA, GHAZIPUR	<b>Application No.</b>	SHJP0623NIN0057
<b>Date of Submission</b>	12/06/2023	<b>Specimen Signature</b>	
<b>Location Particulars</b>			
<b>District</b>	Shahjahanpur	<b>Block</b>	KALAN
<b>Plot No./Khasra No.</b>	Khasra No. 156	<b>Municipality/Corporation</b>	No
<b>Ward No./Holding No.</b>			N/A
<b>Particular of the Proposed Well and Pumping Device</b>			
<b>Date of Construction/Sinking of the Well</b>	01/07/2023		
<b>Type of Well</b>	Tube Well/Boring	<b>Depth of the Well (In meter)</b>	150.00
<b>Purpose of well</b>	Industrial	<b>Assembly Size(For Tube Well)</b>	
<b>Strainer Position (For Tube Well)</b>			
<b>Type of Pump Used</b>	Submersible	<b>H.P. of the Pump</b>	25.00
<b>Operational Device</b>	Electric Motor	<b>Rate of Withdrawal (m<sup>3</sup>/hr.)</b>	40.00
<b>Date of Energization (In Case of Electric Pump)</b>		10/08/2023	
<b>Maximum Allowable Rate of Withdrawal (m<sup>3</sup>/hr.):</b>	40.00	<b>Maximum Allowable Running Hours Per Day:</b>	9.00
<b>Maximum Allowable Annual Extraction of Ground Water:</b>	131400.00	<b>Recharge Required</b>	65700.00

- 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.
- Holder of this NOC is hereby directed to assure annual recharge of 65700.00 cubic meter, as specified under the application form within the given time period.

### GENERAL CONDITIONS:

- Holder of this NOC is hereby directed to fill from 1(A) for registering his/her well within 90 days as mentioned in application form shall only started after registration of his/her NOC.
- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- All Users abstracting ground water in excess of 100 m<sup>3</sup>/d shall be required to submit impact assessment report prepared by an accredited consultant from CGWA and National Accreditation Board for Education and Training (NABET). The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc. within three months of completion of the same to Ground Water Department Uttar Pradesh. The list of accredited Individuals/ Institutions is available on the official web-portal of CGWA.
- 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 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 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 I 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.

- o 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 I 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<sup>3</sup>/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)/ PHD Chamber of Commerce & Industries / Laghu Udyog Bharati 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<sup>3</sup> /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<sup>3</sup> /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :18/08/2023

Place:Shahjahanpur

**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: NOC033692

VALID FROM 07/08/2023 TO 06/08/2028

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

<b>Registration No.: 202306000343</b>			
<b>Name of the Owner</b>	KANHAIYA KUMAR YADAV		
<b>Designation</b> पद	PROJECT HEAD	<b>Company Name</b> कंपनी का नाम	YTT INDUSTRIES PVT. LTD.
<b>Company Address</b> कंपनी का पता	VILLAGE-DARANAGAR ARTHARI, TEHSIL-KALAN, SHAHJAHAN	<b>Authorization Letter</b> प्राधिकार पत्र	Download
<b>Address of the Applicant</b>	35, DEWAITHA, DEVAITHA, GHAZIPUR	<b>Application No.</b>	SHJP0623NIN0058
<b>Date of Submission</b>	12/06/2023	<b>Specimen Signature</b>	
<b>Location Particulars</b>			
<b>District</b>	Shahjahanpur	<b>Block</b>	KALAN
<b>Plot No./Khasra No.</b>	Khasra No. 156	<b>Municipality/Corporation</b>	No
<b>Ward No./Holding No.</b>			N/A
<b>Particular of the Proposed Well and Pumping Device</b>			
<b>Date of Construction/Sinking of the Well</b>	01/07/2023		
<b>Type of Well</b>	Tube Well/Boring	<b>Depth of the Well (In meter)</b>	150.00
<b>Purpose of well</b>	Industrial	<b>Assembly Size(For Tube Well)</b>	
<b>Strainer Position (For Tube Well)</b>			
<b>Type of Pump Used</b>	Submersible	<b>H.P. of the Pump</b>	25.00
<b>Operational Device</b>	Electric Motor	<b>Rate of Withdrawal (m<sup>3</sup>/hr.)</b>	40.00
<b>Date of Energization (In Case of Electric Pump)</b>			10/08/2023
<b>Maximum Allowable Rate of Withdrawal (m<sup>3</sup>/hr.):</b>	40.00	<b>Maximum Allowable Running Hours Per Day:</b>	9.00
<b>Maximum Allowable Annual Extraction of Ground Water:</b>	131400.00	<b>Recharge Required</b>	65700.00

- 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.
- Holder of this NOC is hereby directed to assure annual recharge of 65700.00 cubic meter, as specified under the application form within the given time period.

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- All Users abstracting ground water in excess of 100 m<sup>3</sup>/d shall be required to submit impact assessment report prepared by an accredited consultant from CGWA and National Accreditation Board for Education and Training (NABET). The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc. within three months of completion of the same to Ground Water Department Uttar Pradesh. The list of accredited Individuals/ Institutions is available on the official web-portal of CGWA.
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  - iii) All industries abstracting ground water in excess of 100 m<sup>3</sup>/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)/ PHD Chamber of Commerce & Industries / Laghu Udyog Bharati 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.
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  - 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<sup>3</sup> /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

Date :18/08/2023

Place:Shahjahanpur

**This certificate is electronically generated and does not require digital signature**



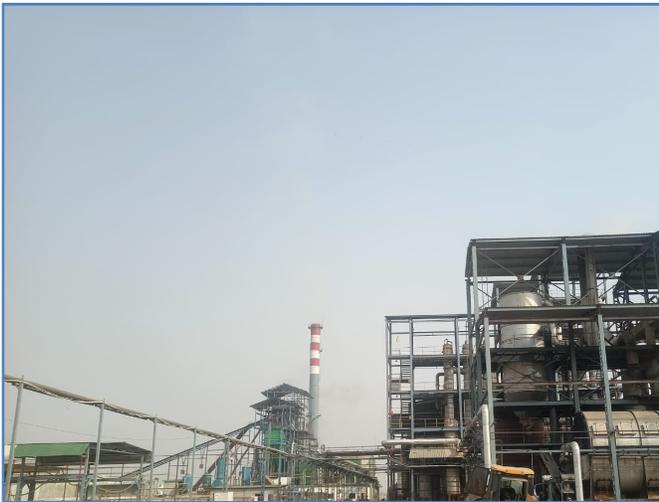
# PHOTOGRAPHS



Bara Khurd, Uttar Pradesh, India



Bara Khurd, Uttar Pradesh, India



Bara Khurd, Uttar Pradesh, India





# ULTRATEST LABORATORY PRIVATE LIMITED

C-43, Sector-88, Phase-II, Noida-201305, (U.P.)  
(An ISO 9001:2015, ISO 45001:2018, ISO 14001:2015 Certified)  
Contact No.:+91-9971912476, 9350952231  
E-mail: ultraresearchlab@gmail.com  
Website: www.ultratestlab.co.in



ANNEXURE 05

## TEST REPORT

### Ambient Air Quality Analysis Discipline/Group-Chemical/Atmospheric Pollution

Report Code: AAQ-14112024-01

Issue Date :18/11/2024

Issued To : M/s YTT INDUSTRIES PRIVATE LIMITED  
VILLAGE- DARANAGAR ARTHARI, PARGANA- JALALABAD  
TEHSIL-KALAN, DIST.- SHAHJAHANPUR, UTTAR PRADESH

Project Name : Greenfield Project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation Power Plants  
Sample Drawn On : 12/11/2024 to 13/11/2024  
Sample Drawn By : UTL  
Sample Description : Ambient Air  
Sampling Location : Near Main Gate  
Sampling Procedure : UTL/LAB/SAMPLING/AIR/SOP/01  
Sampling Duration : 24 hrs.  
Analysis Duration : 14/11/2024 To 18/11/2024  
Meteorological Condition During Monitorin : Clear

### TEST RESULT

S.No	Parameters	Test Method	Result	Units	National Ambient Air Quality Standards
					Concentration in Ambient Air Industrial, Residential, Rural and other Areas
1	Particulate Matter (PM <sub>10</sub> )	IS:5182 ( Part-23):2006	138.63	µg /m <sup>3</sup>	100.0
2	Particulate Matter (PM <sub>2.5</sub> )	IS:5182 ( Part-24):2019	81.67	µg /m <sup>3</sup>	60.0
3	Sulphur Dioxide (as SO <sub>2</sub> )	IS:5182 (Part-02):2001	16.45	µg /m <sup>3</sup>	80.0
4	Nitrogen Dioxide (as NO <sub>2</sub> )	IS:5182( Part-06):2006	28.67	µg /m <sup>3</sup>	80.0

Note:-

\*\*End Of Report\*\*

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
- This test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- The Report can not be used as evidence in a court of law without the written approval of the lab.

*Neelam Mehto*  
Neelam Mehto  
(Reviewed By)



FOR ULTRATEST LABORATORY PRIVATE LIMITED





# ULTRATEST LABORATORY PRIVATE LIMITED

C-43, Sector-88, Phase-II, Noida-201305, (U.P.)  
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TC-8198

## TEST REPORT

FORMATE NO-7.8/ F/ 01  
Page:1 of 1

### Ambient Air Quality Analysis Discipline/Group-Chemical/Atmospheric Pollution

Report Code: AAQ-14112024-02

Issue Date :18/11/2024

Issued To : M/s YTT INDUSTRIES PRIVATE LIMITED  
VILLAGE- DARANAGAR ARTHARI, PARGANA- JALALABAD  
TEHSIL-KALAN, DIST.- SHAHJAHANPUR, UTTAR PRADESH

Project Name : Greenfield Project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation Power Plants  
Sample Drawn On : 12/11/2024 to 13/11/2024  
Sample Drawn By : UTL  
Sample Description : Ambient Air  
Sampling Location : Back Side  
Sampling Procedure : UTL/LAB/SAMPLING/AIR/SOP/01  
Sampling Duration : 24 hrs.  
Analysis Duration : 14/11/2024 To 18/11/2024  
Meteorological Condition During Monitorin : Clear

### TEST RESULT

S.No	Parameters	Test Method	Result	Units	National Ambient Air Quality Standards
					Concentration in Ambient Air Industrial,Residential, Rural and other Areas
1	Particulate Matter (PM <sub>10</sub> )	IS:5182 ( Part-23):2006	129.29	µg /m <sup>3</sup>	100.0
2	Particulate Matter (PM <sub>2.5</sub> )	IS:5182 ( Part-24):2019	73.42	µg /m <sup>3</sup>	60.0
3	Sulphur Dioxide (as SO <sub>2</sub> )	IS:5182 (Part-02):2001	14.12	µg /m <sup>3</sup>	80.0
4	Nitrogen Dioxide (as NO <sub>2</sub> )	IS:5182( Part-06):2006	25.74	µg /m <sup>3</sup>	80.0

Note:-

\*\*End Of Report\*\*

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*Neelam Mehto*  
Neelam Mehto  
(Reviewed By)



FOR ULTRATEST LABORATORY PRIVATE LIMITED

Quality Manager/  
Technical Manager  
**Komal Singh**  
Authorized Signatory



# ULTRATEST LABORATORY PRIVATE LIMITED

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## TEST REPORT

### Ambient Noise Report

Discipline/Group-Chemical/Atmospheric Pollution

Report Code: N-14112024-01

Issue Date: 18/11/2024

ISSUED TO

: M/s YTT INDUSTRIES PRIVATE LIMITED  
VILLAGE- DARANAGAR ARTHARI, PARGANA- JALALABAD  
TEHSIL-KALAN, DIST.- SHAHJAHANPUR, UTTAR PRADESH

Project Name : Greenfield Project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation Power Plants  
Date of Monitoring : 12/11/2024 to 13/11/2024  
Monitoring Done By : UTL  
Monitoring Location : Near Main Gate  
Description : Ambient Noise  
Monitoring Duration : 24 hrs  
Monitoring Procedure : IS 9989 :2008  
Weather Condition : Clear

### TEST RESULT

S.No	Parameter	Unit	Observed Value	Day Time	Night Time	Standard (Ambient Noise)**
1	Equivalent Noise Level, Leq (Day Time*)	dB(A)	67.2	75.0	70.0	Industrial Area
				65.0	55.0	Commercial Area
2	Equivalent Noise Level, Leq (Night Time*)	dB(A)	56.1	55.0	45.0	Residential Area
				50.0	40.0	Silence Zone

\*\*End Of Report\*\*

#### \*\*The Noise Pollution (Regulation and Control) Rules, 2000

- \* Day time shall mean from 6.00 a.m. to 10.00 p.m.
- \* Night time shall mean from 10.00 p.m. to 6.00 a.m.
- Silence Zone is an Area comprising not less than 100 metres around Hospitals, Educational Institutions, Courts, Religious places.or any other area which is declared as such by the competent authority
- Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

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Neelam Mehto  
(Reviewed By)



For ULTRATEST LABORATORY PRIVATE LIMITED

  
Quality Manager  
Komal Singh  
(Authorized Signatory)



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## TEST REPORT

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Discipline/Group-Chemical/Atmospheric Pollution

Report Code: N-14112024-02

Issue Date: 18/11/2024

ISSUED TO

M/s YTT INDUSTRIES PRIVATE LIMITED  
VILLAGE- DARANAGAR ARTHARI, PARGANA- JALALABAD  
TEHSIL-KALAN, DIST.- SHAHJAHANPUR, UTTAR PRADESH

Project Name : Greenfield Project of Grain Based Distillery of 160 KLD along with 4.5 MW Co-generation Power Plants

Date of Monitoring : 12/11/2024 to 13/11/2024

Monitoring Done By : UTL

Monitoring Location : Back Side

Description : Ambient Noise

Monitoring Duration : 24 hrs

Monitoring Procedure : IS 9989 :2008

Weather Condition : Clear

### TEST RESULT

S.No	Parameter	Unit	Observed Value	Day Time	Night Time	Standard (Ambient Noise)**
1	Equivalent Noise Level,Leq (Day Time*)	dB(A)	64.5	75.0	70.0	Industrial Area
				65.0	55.0	Commercial Area
2	Equivalent Noise Level,Leq (Night Time*)	dB(A)	53.1	55.0	45.0	Residential Area
				50.0	40.0	Silence Zone

\*\*End Of Report\*\*

#### \*\*The Noise Pollution (Regulation and Control) Rules, 2000

- \* Day time shall mean from 6.00 a.m. to 10.00 p.m.
- \*Night time shall mean from 10.00 p.m. to 6.00 a.m
- Silence Zone is an Area comprising not less than 100 metres around Hospitals, Educational Institutions, Courts, Religious places.or any other area which is declared as such by the competent authority
- Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

#### Note:-

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.The customer asked for the above tests only.
- This test report will not be used for any publicity/legal purpose
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- The Report can not be used as evidence in a court of law without the written approval of the lab.

*Neelam Mehto*  
Neelam Mehto  
(Reviewed By)



For ULTRATEST LABORATORY PRIVATE LIMITED

*Komal Singh*  
Quality Manager/  
By Technical Manager  
Komal Singh  
(Authorized Signatory)