

A. SPECIFIC CONDITION

S.N.	Condition	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 300 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.	Agreed
(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.	Noted
(iii)	PP shall ensure that no treated / untreated effluent shall be discharged into the Dhandhi River. RCC wall alongwith 20 m thick green belt buffer should be provided towards the Dhandhi River.	We assure you that no treated / untreated effluent shall be discharged into Dhandhi River. RCC wall alongwith 20 M thick green belt buffer will be provided towards the dhandi river.
(iv)	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.	Agreed The conversion of land use (CLU) certificate has been obtained. The photocopy of the same has been submitted to your good office with last compliance report for the period from April-2023 to september-2023 vide our email dated 4-12-2023.

(v)	<p>NOC from the Central ground Water Authority (CGWA)/ Concerned Local authority shall be obtained before start of the construction of plant drawing of the ground water for the project activities. State pollution Control Board / Pollution Control Committees 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. No ground water shall be used for the plant operations.</p>	<p>We have already obtained the NOC from state ground water deptt vide NOC no. (NOC - 040840 and 022112)valid from 12.05.22 to 11.05.2027.</p>
(vi)	<p>Total fresh water requirement shall not exceed 1200 m3 / 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.</p>	<p>Noted. The total fresh water requirement shall not exceed 1200 m3 per day.No ground water recharge will be done within the premises. Rain water storage pond of adequate capacity shall be constructed to accumulate the rain water for use and thereby to reduce fresh water consumption.</p>
(vii)	<p>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., shall be treated in the "Condensate polishing Unit" (CPU). STP shall be installed to treat domestic wastewater. The plant shall be based on " Zero Liquid Discharge" system and no effluent/treated water shall be discharged outside factory premises.</p>	<p>Being complied.The spent wash/ stillage shall be sent to decanter followed by MEE and Dryer to form DDGS to be used as cattle feed.The MEE and drier condensate, spentlees,WTP reject ,boiler and cooling tower blowdown and washing etc shall be treated in CPU.The 90% erection job of above systems have been completed and rest is under progress. The STP equipments have been received at site and their erection work is to be started soon. The plant is based on Zero liquid discharge system and no effluent / treated water shall be discharged outside factory premises.</p>

(viii)	<p>ESP (five fields) with a stack height of 60 meters will be installed with the 50 TPH biomass / coal fired boiler for controlling the particulate emissions within the statutory limit of 30 mg/Nm³. So₂ and No_x emissions shall be less than 100 mg / Nm³. 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>In 1st phase, we are installing the plant for production of 150 KLD ethanol and for this CTE and CTO has been issued to us by UPPCB, Lucknow. The Boiler (35 TPH capacity)and ESP (five fields) erection job is under progress. About 90% job of the same is complete and rest is under progress. The Boiler stack of 60 meters height has been installed.The particulate emissions shall always be maintained within statutory limit. The performance assessment of pollution control devices / systems will be conducted annually when plant will be in operation.</p>
(ix)	<p>Bioiler ash (70 TPD) will be used for brick manufacturing in proposed brick manufacturing plant. PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. 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/adjacent/nearby areas. Approach to the project site to the nearest highway will be maintained by the Industry.</p>	<p>The boiler ash will be used in brick manufacturing / cement industry. Low sulphur coal with maximum sulphur content of 0.5 % shall be used. Power requirement (15 % of total requirement) will be met from solar power.The installation of solar system is in progress. Approach to the project site from nearest high way is already maintained.</p>
(x)	<p>CO₂ (225 TPD) generated during the fermentation process is being/ will be collected by utilizing CO₂ scrubbers and it shall be collected in proposed bottling plant.</p>	<p>For production of ethanol (150 KLD) the CO₂ generation during the fermentation process will be 113 MT / day which will be collected by utilizing CO₂ scrubbers .The installation of Co₂ scrubbing system is in progress.</p>
(xi)	<p>PP shall allocate at least Rs. 50 Lakhs/annum for Occupational Health Safety. Occupational Health Center 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.</p>	<p>An amount of Rs 25 Lakhs / annum (at 150 KLD ethanol production) will be spent for occupaional health safety. The occupational health center will also be set up for surveillance of the workers health. Required personal protective equipment like helmet, belt, mask etc has been provided to all workers and employees for personal protection.</p>

(xii)	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.	Being complied.
(xiii)	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. PESO certificate shall be obtained.	The erection work of fire fighting system is under progress and expected to complete the job by end of July -2024.
(xiv)	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.	Noted for compliance.
(xv)	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.	Noted.
(xvi)	The green belt of at least 5 - 10 m width shall be developed in 2.77 hectares i.e., 34.25 % of total project area 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.	Green belt of 34.25% of total project area with tree density @ 2500 trees per hectare, mainly along the plant periphery shall be developed and selected plant species shall comply the guidelines of CPCB.

(xvii)	<p>PP proposed to allocate Rs. 2.40 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure - II) for monitorable activities like up - gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, potable drinking water facilities, solar light/solar power support for uninterrupted power suppl, soil nutrient management etc. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.</p>	<p>The project cost of 150 KLD ethanol plant is 167 crores and based on project cost, we have allocated to spend an amount of Rs. 1.67 crores i.e. 1% of the project cost towards the EMP (CER) plan for monitorable activities. The various activities under CER shall be completed before commissioning of the plant in consultation with district administration.</p>
(xviii)	<p>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 projet area, 15% of plant area i.e 1.21 Ha shall be allotted solely for parking purpose with facilities like rest rooms etc.</p>	<p>Complied.</p>

(xix)	<p>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 shut down incase of operational failure of Air Pollution Control Equipment.</p>	<p>Silo construction job for raw material storage, is complete. The other activities like construction of drains, Catch pit to trap run off materials, internal road etc is under progress. The industrial vacuum cleaner will be provided to sweep the internal roads. The point has been noted for air pollution control system interlocking with process plant for shut down in case of operational failure of APC equipment.</p>
(xx)	<p>NOC from the Central ground Water Authority (CGWA)/ Concerned Local authority shall be obtained before start of the construction of plant drawing of the ground water for the project activities. State pollution Control Board / Pollution Control Committees</p>	<p>Complied.</p>
xxi	<p>A separate Enviromental 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 funtions. EMC head shall report directly to Head of Organization/ Director /CEO as per company hierarchy.</p>	<p>The job of setting up a separate Environment Cell with full fledgeLaboratory facilities is under progress. The EMC head will report directly to head of organisation.</p>

(xxii)	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.	The safety officer takes daily round of project area and creates awareness about the ban of single use plastic while educating the people for proper use and application of various personal protective equipments. Security guard posted at main gate also check the people to ensure that no one is carrying single use plastic in the project area. The photographs showing the above measures taken are enclosed .
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B. GENERAL CONDITION

S.N.	Condition	Compliance Status
(i)	No further expansion or modifications in the plant, other mentioned in the EIA Notification, 2006 and its amendment, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/ SEIAA, as applicable. In case 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 assess additional environmental protection measures required, if any.	Noted and agreed. No further expansion or modifications in the plant shall be carried out without prior approval of the MOEF & CC as applicable.
(ii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Being complied.
(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).	The overall noise level in and around the plant area shall be kept well within the prescribed standard by providing noise control measures. The ambient noise levels shall conform to the standards prescribed under EP Act - 1986 and Rules - 1989.
(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.	We are undertaking all relevant measures like skill development to poor and unskilled persons of nearby area by providing direct and indirect job opportunity for improving their socio-economic condition. The ecodevelopment measures like greenbelt development, plantation at requisite places and installation of pollution control system is being undertaken for overall improvement of environment.

(v)	<p>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.</p>	<p>In 1st phase, we are installing ethanol plant for production of 150 KL ethanol per day and project cost at above capacity has been estimated to be RS. 167 crores and accordingly, we have allocated an amount of Rs 27.80 crores towards capital cost and Rs 5.90 crores towards recurring cost per annum under EMP. An amount of Rs.30.5 crores has been spent till the date towards the capital cost against the allocated capital cost of Rs. 27.80 crores. The funds so ear marked for environment management / pollution control measures shall not be diverted for any other purpose.</p>
(vi)	<p>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.</p>	<p>Already complied.</p>
(vii)	<p>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.</p>	<p>Being complied.</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) 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.	Noted for compliance.
(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 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.	Already complied.
(x)	The project authorities shall inform the Regional Office as well 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.	Date of Financial : 31st March closure Final approval : CTE, Fire & GW NOC and CTO has been obtained from concerned deptts. Date of start of Project : July-2023.
(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.	

22	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stage 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.	Agreed
23	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 provision of Environment (protection) Act, 1986.	Agreed
24	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.	Noted
25	The above conditions will be enforced, inter-alia under the provision 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.	Noted
26	This issues with the approval of the competent authority.	Noted