

**SIX MONTHLY COMPLIANCE REPORT
(FOR THE PERIOD OCT.'2021 TO MAR.'2022)**

ON

**CONDITION OF ENVIRONMENTAL CLEARANCE
FOR PROPOSED 150 KLD GRAIN BASED DISTILLERY PROJECT
AT MOTIPUR INDUSTRIAL AREA, DAMODARPUR, BLOCK BARURAJ,
DIST. MUZAFFARPUR (BIHAR)**

**(Environment Clearance Granted by MoEFCC, Govt. of India
vide EC Identification . No. EC21A060BR148151 Dt: 08.10.2021)**

EC Conditions		COMPLIANCE
A	SPECIFIC CONDITION	
(i).	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 150 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an 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.	150 KLPD capacity will be used only for production of fuel Ethanol as per EBP programme.
(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.	Presently our project is under construction stage. We are complying all the environment protection measures and safeguards is respect of environmental management as proposed in EMP & risk mitigation measures. All measures are being implemented.
(iii).	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.	We are installing MEE with DDGS Dryer for treatment of industrial waste water to achieve and maintain ZLD. STP is also being installed for treatment of sewage generated from our project. Treated sewage will be recycle and reuse within premises for dust suppression, green belt irrigation etc. No waste water or treated water will be discharged outside the premises.
(iv).	Total fresh water requirement shall not exceed 587 m ³ /day (3.9 KL/KL) for any kind of row material use will be met from proposed 2 nos. of Borewells. Prior	During operation stage of our project water requirement will not exceed 587 m ³ /day (3.9 KL/KL) for any kind of raw material.

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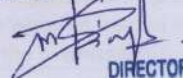
	permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises.	We have obtained prior permission from CGWA vide NOC, No. 21-4/896/BR/IND/2021 valid upto 02.09.2024, for withdrawal of ground water. (Copy of NOC attached)
(v).	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Ash generated shall be used for brick manufacturing within industrial premises.	Spent wash generated from our project will be concentrated in MEE and decanter and dried in DDGS drier to produce cattle Feed. Boiler ash will be recused within premises in brick manufacturing unit.
(vi).	CO ₂ generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	CO ₂ generated from the process will be bottled/made solid ice and utilized/sold to authorized vendors.
(vii).	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.	During Operation phase of our project, to keep check on health of workers, Occupational Health Centre for surveillance of the worker's is being set up. Duties of the workers will be allocated based on their health data. All workers & employees will be provided with PPE gadgets as required.
(viii).	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.	Before starting operation of our project, Training will be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training will also be provided to employees.
(ix).	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	For protection from possible fire hazards, fire fighting system is being developed as per requirement of The Factories Act'1948. NOC from State Fire Office, will be obtained for adequacy of fire fighting system. Mock drill on regular intervals will be conducted for fire fighting.
(x).	Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	During operation phase of our project, Process organic residue and spent carbon (if any) will be sent to other industries for incineration. As per requirement of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, ETP sludge, process inorganic & evaporation salt will be disposed off through TSDF.
(xi).	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.	To minimize waste, we will adopt metering system to control the quantities of active ingredients. By-products will be reused as raw materials in other processes, viz., Coc ⁿ . Spent wash will be reused for production of DDGS to be used as cattle feed. CO ₂ generated during the process will be reused as solid ice. We are providing close feed system in batch reactors. We are installing vapour recovery system to minimize loss of vapour.

		Equipment with high pressure hoses are being installed to reduce waste water generation.
(xii).	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.	Green belt of 5-6 m. width is being developed all around the project periphery. We will develop green belt all around the periphery and within premises covering 33% of the project area. Plant species for green belt will be selected based on CPCB guidelines and in consultation with the DFO. Records of tree canopy will be monitored through remote sensing technique.
(xiii).	PP shall allocate Rs. 2.64 Crores towards CER and it shall be used for establishment of solar plant and electricity shall be provided for villagers free of cost.	Rs. 2.64 Crores has been allocated towards CER activities and this amount will be utilized for establishment of solar plant and provision of free electricity for villagers.
(xiv).	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products as per CPCB norms and no parking to be allowed outside on public places.	Approx. 10 % area within premises has been allocated for parking of vehicles for raw materials and finished products. No parking will be done outside on public places.
(xv).	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Storage Silos and covered sheds are being constructed for storage of raw materials and to prevent dust pollution and other fugitive emissions.
(xvi).	Continuous online (24x7) monitoring system for stack emissions 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.	We are installing OCEMS for stack emissions to measure flue gas discharge and the pollutants concentration, and the data will be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, we are installing web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
(xvii).	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.	We are forming separate Environmental Management Cell (EMC) with qualified person having qualification of Environmental Science / Environmental Engineering /specialization in the project area. EMC will be equipped with full-fledged laboratory facilities to carry out the Environmental Management and Monitoring functions.
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	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, will be done 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 will be made to the

	applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	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.	The energy source for lighting purpose will 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).	We are providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation to maintain overall noise levels in and around the plant area within the standards. The ambient noise levels will 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.	We will undertake all relevant measures for improving the socio- economic conditions of the surrounding area. CER activities will be undertaken by involving local villages and administration and will be implemented. We will 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.	We have earmarked required 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. These funds will not be diverted for any other purposes except environment management/ pollution control measures.
(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.	Copy of the clearance letter has been sent to concerned Panchayat. (Copy of receipt of same is attached herewith as Annex – II).
(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	We are submitting herewith six monthly compliance 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.	compliance status report will also be posted on the website of our company. (Copy of monitored data is attached herewith as Annex – III).
(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.	After operation of our project, we will submit environmental statement for each financial year ending 31st March in Form-V as to Bihar State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, and will also be put on the website of the company along with the status of compliance of environmental clearance conditions and also be sent to the Regional Offices of MoEF&CC Ranchi 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.	We have informed through public notice in 2 local Newspaper (Dainik Jagaran & Dainik Bhaskar Dt: - 23 rd September'22) to 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/ . (Copy of newspaper notice is attached herewith as Annex – IV)
(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.	We will 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. We have obtained CTE from BSPCB vide Memo No. -1270 Dt: 10/09/2021 before start of Construction activities. (Copy of CTE attached herewith as Annex – V).
(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.	Agreed.

BHARAT OORJA DISTILLERIES PRIVATE LIMITED


DIRECTOR