



# OM SONS

## Marketing Pvt. Ltd.

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Ref no:-OSMPL/2021-22/5/

To

The Additional Director,  
MoEF&CC,  
Northern Regional Office,  
Sector-31 A, Chandigarh.

Date:- 16-11-2022

Subject: – Compliance report of the conditions imposed in the Environmental Clearance (EC) granted by the MoEF&CC vide File No. J-11011/274/2011-IA-II (I) Dated 03/01/2022

R/sir

It is respectfully informed that our unit was granted Environmental Clearance (EC) by the MoEF&CC vide File No. - J-11011/274/2011-IA-II (I) Dated 03/01/2022 for total production of 300 KLPD of alcohol, subject to certain conditions mentioned there in.

Now, in compliance to the condition imposed in the said Environmental Clearance, we are, hereby, submitting six monthly compliance report of the conditions imposed in the EC granted to our unit under EIA Notification, as under:

Condition No.	Term and conditions	Compliance
<b>Specific Conditions</b>		
(i)	As per OM dated 16th June, 2021, project falls in category B2 and the proposed additional capacity of 180 KLPD shall be only 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.	In unit of capacity 180KLPD installed by us, we are manufacturing only Ethanol Plant by using damaged food grain/FCI surplus rice as raw material. The entire quantity of ethanol being produced, is only supplied to OMC like HPCL, BPCL, IOCL terminal, in compliance to the self-certification in form of an affidavit submitted by us at the time of obtaining EC. In the unit of 120KLD capacity, only RS/ENA is being manufactured.
(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.	All the environmental protection measures and safeguards proposed in the documents submitted to the MoEF&CC and all the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project are being complied with

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Works : Village Sangat Kalan, Bathinda (Punjab)

		in letter and spirit. The compliance of the same will be ensured in letter and spirit in future also.
(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.	The industry has installed CPU/ETP consisting of cooling tower, buffer tank of UASB, UASB, tube settler, aeration tank-I, secondary clarifier-I, aeration tank-II, secondary clarifier-II, clear water tank, disk filter, MGF, ACF, storage tank, bag filter, UF, storage, disk filter, cartridge filter, RO-I,RO-II, then RO permeate is passed through DM (Cation), degasser, DM(Anion),mixed bed and storage for reuse. The CPU/ETP is based on ZLD treatment system.
(iv)	Total fresh water requirement shall be 1730 KLPD which will be met from canal water. Prior 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.	The unit uses only canal water in the process. Permission obtained from the Deptt. of Water Resources is attached herewith. We will not use ground water without obtaining requisite from the competent authority.
(v)	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit will be installed within the plant premises for utilization of fly ash.	The spent wash is passed through centrifuge decanter separator to get wet cake & thin slope. The thin slope is concentrated in the Integrated MEE and the concentrate of MEE is mixed with wet cake. This material is fed to dried to get DDGS, which is being sold out as cattle feed. We are giving fuel ash to the nearby brick manufacturing units for manufacturing of bricks.
(vi)	CO <sub>2</sub> generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	The CO <sub>2</sub> being generated from the fermenter is sent to the CO <sub>2</sub> plant where the same is being purified compressed and cooled. Liquid CO <sub>2</sub> is sold out to the beverages and industrial users.
(vii)	PP shall allocate Rs. 50 Lakhs for OHS per annum. 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.	The unit has already made the provision of the occupational health center, wherein, employed well qualified doctors. The unit is getting the services of Darshan Hospital, Bathinda for checking of health indices of the workers. It has been made mandatory for the employees to bear safety kit like shoes, goggles, helmets etc., which is supplied by us. The unit is also practicing to carry out regular health check of the



	local bodies. All the proposed activities under CER shall be completed before commencement of operation of the plant.	of District Magistrate and other local bodies.
(xiv)	There shall be at least 15% 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.	The unit has already made provision to provide adequate parking within the premises like Grain vehicles, Husk vehicles, finished production carrier vehicles like Ethanol tanker and DDGS as by product.
(xv)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	The unit has installed silos of 6000 MT capacity for grain storage.
(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.	The unit has already installed Online Emission Monitoring system supplied by the Hanu Scientific Address 155- B, B-10, First Floor, Sector- 34, Noida- 201307, India, Approved by TUV. to get real time data of stack emissions, which is connected with server of the CPCB & PPCB.
(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.	Environmental Management Cell is consisting of: GM (Technical) ↓ Manager (ETP) ↓ Asstt. Manager (ETP)

#### General Conditions:

(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.	Agreed and noted
(ii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	The unit has already provided LED lights inside and outside the plant to conserve energy.
(iii)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including caustic 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).	To control noise level, all the DG sets are provided with canopies and stacks of adequate heights. All the electric motors and fans installed are based on noiseless technology. Analysis report of the ambient noise monitoring got carried out by third party is attached herewith. As per this report, the ambient noise levels are within the prescribed standards.

(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.	We are regularly submitting environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V to PPCB.
(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.	In order to inform the public about grant of EC for increase in the production of alcohol from 120 KLPD to 300KLPD, an advertisement has been published in two local new papers. Paper cuttings are attached herewith.
(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.	The unit of 180 KLPD capacity to produce ethanol under EBP has been commissioned in the month of September,2022.
(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 and Noted

The unit is complying with all conditions imposed in the EC and assure that will continue to comply with these conditions in letter and spirit.

It is requested to take the six monthly compliance reports of the conditions imposed in the EC on record and send the acknowledgement in this regard.

Thanking yours and assuring best co-operation.

Yours Faithfully,



For Om Sons Marketing Pvt. Ltd

CC.

- Senior Environmental Engineer, PPCB, Zonal Office, Bathinda
- Environmental Engineer, PPCB, Regional Office, Bathinda