

## ANNEXURE -I

### COMPLIANCE OF CONDITIONS STIPULATED IN ENVIRONMENTAL CLEARANCE ISSUED BY TSPCB TO M/S. NSL KRISHNAVENI SUGAR LIMITED, EC Identification No: EC22A060TG190730 DATED: 03/03/2022

SCHEDULE-A		
S.N.	CONDITION	COMPLIANCE STATUS as on 04.04.2022
1.	As per OM dated 16th June, 2021, project falls in category B2 and the proposed additional capacity of 280 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.	This plant will be utilized only for producing Ethanol. Undertaking is enclosed as annexure -1
2	PP shall not initiate the proposed expansion until the allocated funds of Rs. 60 crores towards EMP have been completely utilized as part of condition stipulated EC letter No.J.11011/193/2007-IA II (I) dated 17/09/2007. Further, PP shall obtain confirmation letter from SPCB before expansion for the same.	Total EMP expenditure is 64.73 crores, enclosed certified report issued by the Chartered accountant as annexure 2
3.	Integrated industry shall adhere to ZLD and no form of composting shall be done. Industry shall meet 10% of the total power requirement from solar power.	We shall install ZLD plant and no effluent shall be discharged outside the premises. No composting shall be done. 10% of total power requirement shall be met from solar power
4.	Electro-Static Precipitator (ESP) with Stack of adequate height will be installed with the proposed boiler. Biomass shall be used in the boiler. Coal may be used for commissioning of the plant.	ESP shall be provided to bring down the particulate emission to less than 50mg/NM3
5.	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.	We shall implement all the safety measures to mitigate the risks identified in EMP
6.	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 shall reuse the treated water and no treated water shall be discharged outside premises
7.	Total fresh water requirement shall be 2190 KLPD which will be met from surface 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. Industry shall construct rain water storage facility of capacity from which it can meet at least 60 days fresh water requirement.	Approval for 0.084 TMC from the irrigation dept Govt of Telangana is obtained and valid up to 19-01-2025. We shall be recharge groundwater within premises. Rainwater storage facility to meet 60 days freshwater requirements shall be constructed
8.	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Brick manufacturing unit	DDGS Shall be used as cattled feed and fly ash for brick manufacturing

	will be installed within the plant premises for utilization of fly ash.	
9.	CO <sub>2</sub> generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	Shall be sold to authorized vendors
10.	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.	Shall be allocated for occupational health and safety
11.	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.	Shall be trained
12.	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.	Firefighting system shall be implemented
13.	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.	Agreed with the condition, ETP sludge shall be used as manure for the Green Belt Development in the premises
14.	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.	<ul style="list-style-type: none"> <li>a) Shall be followed</li> <li>b) Shall be reused</li> <li>c) Shall be followed</li> <li>d) Shall be followed</li> <li>e) Shall be followed</li> <li>f) Shall be followed</li> </ul>
15.	The green belt of 5 -10 mm width shall be developed in 120 acres 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.	Plantation shall be done by July 2022
16.	PP shall allocate Rs. 4.00 Crores towards CER and it shall be spent on development of infrastructure in public schools nearby. All the proposed activities under CER shall be completed before commencement of operation of the plant.	Shall be allocated for CER
17.	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.	Shall be adhered to the parking area and no parking shall be allowed outside premises
18.	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Silos shall be installed for raw material storage
19.	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	Shall be installed and connect to CPCB,SPCB servers

	install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	
20.	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.	Manager Environment, Manager for ETP operations are in place and collaborated with IIT Hyderabad for handling wastewater operations
<b>Schedule – B</b>		
1.	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 with the condition
2.	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Shall be implemented
3.	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).	Shall be implemented
4.	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.	Shall be implemented and annexure for undertaking attached
5.	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.	Shall be implemented
6.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and	Submitted and acknowledgment is attached

	the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	
7.	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.	Shall be submitted
8.	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.	Shall be submitted
9.	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.	Agreed and compiled. Copy of advertisement in local news paper is attached
10.	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.	Shall be informed
11.	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
12..	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.	Agreed
13.	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.	Agreed

14.	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.	Agreed
15.	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.	Agreed
16.	This issues with the approval of the competent authority.	