



Ref No.: KAIPL/ENV/MOEF/2025-26/

Date: 27.11.2025

To,
The D.D.G. (Central)
Ministry of Environment, Forest & Climate Change
Regional Office (Southern Zone)
Kendriya Sadan, 4th Floor, 17th Main Road
2nd Block, Koramangala
Bangalore - 570034

Subject: Submission of Half-Yearly Compliance Report (March 2025 to September 2025 – 1st Half) for Environmental Clearance – Reg.

Ref:

Environmental Clearance No. J-11011/224/2008-IA.II(I) dated 06.10.2022, issued for the proposed Molasses/Grain-based Distillery Unit of 245 KLPD capacity at Hoolageri Village, Badami Taluk, Bagalkot District, Karnataka by M/s Karthik Agro Industries Pvt. Ltd.

Respected Sir,

With reference to the above subject and the Environmental Clearance issued to our project, we hereby submit the **Half-Yearly Compliance Report** for the period **March 2025 to September 2025 (1st Half)**, in accordance with the stipulated EC conditions.

The compliance report is enclosed herewith for your kind perusal.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,


Authorised Signatory

Head Office

✉ info@karthikagro.in

↗ www.karthikagro.in

📍 Wali Building, Badami Rd. Bagalkot - 587101, KA-INDIA

Plant Location

✉ hr@karthikagro.in

↗ www.karthikagro.in

📍 Hoolageri, Badami Tq, NH218, Bagalkot - 587102, KA-INDIA

📞 +91 974 039 2255

**Half Yearly Compliance Report
2025
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name	Expansion of distillery capacity from 180 KLPD to 245 KLPD to produce Ethanol using molasses or grains and increase capacity of captive power plant from 5.4 MW to 8.4 MW		
Name of Entity / Corporate Office	M/s. Karthik Agro Industries Private Limited		
Village(s)	HULAGERI		
District	BAGALKOTE		
Proposal No.	IA/KA/IND2/282034/2022	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	92, 93, 94 and 89	Sub-District	Badami
State	KARNATAKA	Entity's PAN	*****2866J
MoEF File No.	J-11011/224/2008-IA-II(I)	Entity name as per PAN	KARTHIK AGRO INDUSTRIES PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Half Yearly compliance Report as per EC condition
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office M/s. Karthik Agro Industries Private Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	16.18	16.18
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	16.18	16.18

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	<p>As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the proposed capacity of 65 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.</p>
	PPs Submission: Complied	<p>a)The 65 KLPD capacity shall be utilized solely for the production of fuel ethanol under the EBP b)Programme MoUs and supply agreements have been executed with Oil Marketing Companies (OMCs) for direct supply of ethanol under the EBP scheme c)Daily and monthly ethanol production logs are maintained and submitted to the Excise Department and relevant authorities d)Internal controls and documentation ensure that no ethanol is diverted for industrial or potable purposes e)All production dispatch and sale records are maintained for verification by the State Pollution Control Board and MoEF and CC as required</p>
2	Statutory compliance	<p>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.</p>
	PPs Submission: Complied	<p>a) All Environmental Management Plan (EMP) components air, water, noise, soil, and solid waste management have been implemented as per approved EIA/EMP. b) Condensate Polishing Unit (CPU), and Zero Liquid Discharge (ZLD) system are operational. Air pollution control equipment such as ESP/multicyclone separator and stack monitoring systems are installed and functional. c) More than 33 percentages of the total plot area has been developed under greenbelt to serve as a pollution sink and aesthetic buffer. d) Regular monitoring of air, water, noise, and soil quality is conducted through NABL-accredited laboratories, and reports are submitted periodically to the regulatory authorities. e) Risk Mitigation Measures: Fire safety systems, emergency response plans, and on-site/off-site disaster management plans are in place and periodically reviewed. f) Environmental awareness programs and safety training sessions are conducted regularly for employees and contractors. g) Solid and Hazardous Waste Management: Solid and hazardous waste is handled, stored, and disposed of as per the provisions of the Hazardous Waste (Management) Rules, 2016.</p>
3	WATER QUALITY MONITORING AND PRESERVATION	<p>Total fresh water requirement shall not exceed 4.0 KL/KL of ethanol production and will be met from Ghataprabha river. No ground water recharge shall be permitted within the premises. Industry shall construct a storage pond having 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.</p>
	PPs Submission: Complied	<p>Total fresh water requirement shall not exceed 4.0 KL per KL of ethanol production and will be met from the Ghataprabha River. No ground water extraction shall be permitted within the premises. The industry shall construct a storage pond having 60 days capacity, and the accumulated water shall be utilized as fresh water, thereby reducing fresh water consumption.</p>
4	WATER QUALITY MONITORING AND PRESERVATION	<p>Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and RO MOEFCC. The ground water quality monitoring for pH BOD COD Chloride Sulphate and Total Dissolve Solids shall be monitored and report submitted to the</p>

PPs Submission: Complied we have installed piezometer for groundwater monitoring purpose in industry premises with attached reports for your reference.			Date: 25/11/2025
5	AIR QUALITY MONITORING AND PRESERVATION	CO2 generated will be bottled and supplied to manufacturers of beverages /collected in proposed bottling plant.	
PPs Submission: Complied industry has CO2 plant in industry premises sell invoice copy attached for your ref.			Date: 25/11/2025
6	Human Health Environment	PP shall allocate Rs 50 lakhs/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the workers health shall be set up The health data shall be used in deploying the duties of the workers All workers and employees shall be provided with required safety kits/mask for personal protection.	
PPs Submission: Complied Industry has a primary health center in premises photograph and reports are attached for your reference. company has provided health insurance facility to all employee covered with his family regularly health check up is done in health centers. industry has provided PPE kit for all employees.			Date: 25/11/2025
7	Human Health Environment	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.	
PPs Submission: Complied we are regularly arranged training program like chemical handling training, Mock drill, training programs ETC.			Date: 25/11/2025
8	Risk Mitigation and Disaster Management	The unit shall make arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.	
PPs Submission: Complied we have installed a fire hydrant system in our plant and PESO certificate obtained for ethanol storage tanks farms.			Date: 25/11/2025
9	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incineration. ETP sludge, process inorganic and evaporation salt shall be disposed of to the TSDF. Filter press shall be installed for drying of sludge.	
PPs Submission: Complied N.A			Date: 25/11/2025
10	MISCELLANEOUS	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.	

<p>PPs Submission: Complied</p> <p>a) industry has metering facility to control the ingredients for control the minimize waste photographs are attached for your reference. b) the byproduct such as DDGS sold as cattle feed, Boiler fly ash sold for brick manufacturing purpose, CO2 refilled and sell for industrial purpose. c) to avoid and minimize spillage company has automated filling system photo copies attached for your reference. d) company has closed feed batch reactor (fermentation) e) venting equipment system (condensate are installed for recovery system) f) industry has high pressure equipments for cleaning</p>		
11	GREENBELT	<p>The green belt of at least 5-10 m width shall be developed in 6.4 Ha i.e. nearly 39.52 percentage of the total project area with tree density at the rate 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. Greenbelt shall be developed before commissioning of the plant. Additional greenbelt shall be developed of 20 m width towards forest side in North.</p>
12	Corporate Environmental Responsibility	<p>PP proposed to allocate Rs. 2.0 Crores for Extended EMP (CER) which shall be spent as submitted in CER plan for monitorable activities like upgradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, Drinking Water Facilities, solar light/solar power support for uninterrupted power supply etc. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.</p>
13	MISCELLANEOUS	<p>There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking shall be allowed outside on public places. Out of the total project area, 15 percentage shall be allotted solely for parking purposes with facilities like rest rooms etc.</p>
14	AIR QUALITY MONITORING AND PRESERVATION	<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 shutdown in case of operational failure of Air Pollution Control Equipment.</p>
<p>PPs Submission: Complied</p>		Date: 25/11/2025

a) company having closed and covered silo for raw material storage for prevent dust pollution and fugitive emission. b) company having bagasse stored yard and covered with shed, c) All internal road are paved. d) we have vaccine cleaner to sweep the internal roads.			25/11/2025
15	AIR QUALITY MONITORING AND PRESERVATION	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.	
PPs Submission: Complied We installed continuous online Effluent and Emission monitoring system and the data is being uploaded to KSPCB and CPCB servers.			Date: 25/11/2025
16	Human Health Environment	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/ Managing Director/CEO as per company hierarchy.	
PPs Submission: Complied We having separate Environmental Management Cell for monitoring of environmental management.			Date: 25/11/2025
17	WATER QUALITY MONITORING AND PRESERVATION	NOC from the Concerned Local authority for surface water supply shall be obtained before starting construction of plant, 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.	
PPs Submission: Complied We obtained CTO from the KSPCB copy is attached for your reference			Date: 25/11/2025
18	WASTE MANAGEMENT	Spent wash shall be concentrated and dried to form DDGS to be used as cattle feed in grain based operations and in molasses based operations, spent wash shall be concentrated and incinerated in boiler. The condensate, spentlees and utilities effluent shall be treated in the ETP comprising tertiary treatment (Condensate Polishing Unit). Treated effluent will be recycled/ reused for makeup water of cooling towers/process etc. and no waste or treated water shall be discharged outside the premises. STP shall be installed to treat sewage generated from factory premises.	
PPs Submission: Complied we sell DDGS as a cattle feed (sell invoice copy attached for your ref.) MEE condensate we treat in CPU plant and reuse to process for cooling tower makeup. Domestic effluent we treat in our existing CPU plant. Treated water is completely recycled back to cooling tower makeup to achieve ZLD system. The molasses based distillery is not in operation since 2017			Date: 25/11/2025
19	AIR QUALITY MONITORING AND PRESERVATION	ESP/ bag house along with common stack 52m height shall be provided with the existing 16 TPH and proposed 55TPH to biomass fired boiler to control particulate emission within 50mg/Nm ³ for biomass as fuel. ESP/ bag house along with stack 100m of height shall be provided with the proposed 40 TPH Incineration boiler. Particulate matter emission from boilers shall be less than	

		30mg/Nm ³ . SO ₂ and NO _x emissions from the Incineration boiler shall be less below than 100 mg/Nm ³ . 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.
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PPs Submission: Complied Existing 16 TPH boiler is provided with dust collector and 55 TPH boiler is provided with ESP as Air Pollution Control Devises and a common chimney of 52m AGL is provided for dispersion of emission. ESP Details and stack emission reports are attached for your ref. still we operate distillery on grain based and 40 TPH boiler is not installed.	Date: 25/11/2025
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20	MISCELLANEOUS	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.
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PPs Submission: Complied Industry has conducted single use of plastic awareness program regularly	Date: 25/11/2025
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21	WASTE MANAGEMENT	Boiler ash shall be supplied to brick manufacturers in covered trucks/given to farmers to be used as manure. PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. No coal shall be used as fuel in the boilers except for the 40 TPH incineration boiler. PP shall meet 10 Percentage of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.
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PPs Submission: Complied Boiler ash is given to local brick manufacturer, Existing boiler are used bagasse as a fuel and no coal is used and partially complied of solar power project. Attached ash selling invoice	Date: 25/11/2025
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General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	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.

PPs Submission: Complied No any expansion and modification in the plant if any modification expansion need we will take prior approval as per EIA Notification.	Date: 25/11/2025
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2	ENERGY PRESERVATION MEASURES	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
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PPs Submission: Complied	Date:
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campany has already installed LED for lighting purpose in industry premises.		25/11/2025
3	Noise Monitoring & Prevention	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).
PPs Submission: Complied Ambient Noise level Monitoring carried out by BTHLP MOEF and NABL approved lab. attached Ambient Noise level monitoring report for your reference.		Date: 25/11/2025
4	Corporate Environmental Responsibility	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.
PPs Submission: Partially Complied Partially complied		Date: 25/11/2025
5	MISCELLANEOUS	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.
PPs Submission: Partially Complied company having sufficient funds towards capital cost and recurring cost per annum to implement the condition stipulated by the Ministry of Environment, Forest and climate changes and fund we use only for environment management and pollution control purpose. the fund spend like MEE plant, ETP plant, ESP,Online monitoring system etc.		Date: 25/11/2025
6	Statutory compliance	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.
PPs Submission: Complied Environment clearance letter we submitted local panchayat Hoolageri village, Taluk badami District bagalkot.		Date: 25/11/2025
7	Statutory compliance	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 and 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.
PPs Submission: Complied we have regularly submitted six monthly compliance report		Date: 25/11/2025
8	Statutory compliance	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 and CC by e-mail.
	PPs Submission: Complied We have submitted Environmental Statement Form -V to KSPCB, Bagalkot.	Date: 25/11/2025
9	Statutory compliance	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.
10	Statutory compliance	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.
	PPs Submission: Complied Industry obtained CFO on date 08.02.2024	Date: 25/11/2025
11	Statutory compliance	This Environmental clearance is granted subject to final outcome of Honorable Supreme Court of India, Honorable High Court, Honorable NGT and any other Court of Law, if any, as may be applicable to this project.
	PPs Submission: Complied N.A	Date: 25/11/2025
e-Visit Remarks		
Last Site Visit Report Date:	18/07/2025	
Additional Remarks:	M/S Karthik Agro Industries Pvt. Ltd., Hoolageri Village, District Bagalkot First Half-Yearly Compliance Report for the period of April - 2025 to September - 2025 (245 KLPD Distillery Plant).	
<p>Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		