

KAIPL/ENV/MOEF/2024-25/

Date: 22.05.2025 ·

TO,

D.D.G. (Central) Ministry of Environment & Forest, Gov. of India Regional office (Southern Zone), Kendriya Sadan, 4th floor, 17th Main Road, 2nd Block, Koramangala, Bangalore - 570034.

Respected Sir,

Sub: Submission of Half Yearly Compliance Report (October-2024 to March -2025 2nd Half) Environmental Clearance issued by the Ministry of Environment, Forest & Climate Change - Intimation reg.

Ref:

EC No. J-11011/224/2008-IA. II (1) Date: 06.10.2022 issued to your project Proposed Molasses / Crain based Distillery Unit of 245 KLPD Capacity at Hoolageri Village, Badami Taluk, Bagalkot Dist. in Karnataka by M/s. Karthik Agro Industries Pvt. Ltd.

With respect to above Mentioned Subject & Ref. from karthik agro Industries Pvt. Ltd. Herewith, we are submitting the half yearly compliance report as per your EC condition. Enclosed reports.

This is for your kind information & acknowledges the receipt of the same.

Thanks & Regards

Yours Faithfully

For Karthil Agro Industries Pvt

Plant Location

Half Yearly Compliance Report 2025 01 Jun(01 Oct - 31 Mar)

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
Plot / Survey / Khasra No.	92, 93, 94 and 89
State	KARNATAKA
MoEF File No.	J-11011/224/2008-IA-II(I)

Category	Industrial Projects - 2
Sub-District	Badami
Entity's PAN	****2866J
Entity name as per PAN	KARTHIK AGRO INDUSTRIES PRIVATE LIMITED

Compliance Reporting Details

Reporting Year 2025

Half Yearly compliance Remarks (if any)

Report as per EC condition

Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

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

	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
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Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details	
1	Statutory compliance	As per the Notification S.O. 2339(E), dated 16th June falls in category B2 and the proposed capacity of 65 K be used for fuel ethanol manufacturing as per self-certi form of a notarized affidavit by the Project Proponent. subsequently if it is found that the ethanol, produced be granted as per this dispensation, is not being used comp Programme, or if ethanol is not being produced, or if the distillery is not fulfilling the requirements based on whe has been appraised as category B2 project, the EC shall cancelled.	LPD shall only fication in Provided that ased on the EC pletely for EB ne said aich the project
as per th	ubmission: Complied ne granted EC the industry producing for your reference.	fuel ethanol for oil processsing industries. invoice copy	Date: 09/05/2025
2	Statutory compliance	The company shall comply with all the environmental measures and safeguards proposed in the documents su Ministry. All the recommendations made in the EIA/EI of environmental management, and risk mitigation meato the project shall be implemented.	ibmitted to the MP in respect
we have docume	nts submitted to the ministry. industry	n measures and safeguard as per the proposed in the has implement all recommendation made in the ement, and risk mitigation measures relating to the	Date: 09/05/2025
3	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement shall not exceed 4.0 Kl ethanol production and will be met from Ghataprabha a ground water recharge shall be permitted within the pre Industry shall construct a storage pond having 60 days the accumulated water to be used as fresh water thereby fresh water consumption.	river. No emises. capacity and
Fresh windustria		L of ethanol production. No groundwater is used for any storage capacity pond and the accumulated water option.	Date: 09/05/2025
		Adequate numbers of ground water quality monitoring	
4	WATER QUALITY MONITORING AND PRESERVATION	providing piezometers around the project area shall be Sampling and trend analysis monitoring must be made basis and report submitted to SPCB and RO MOEFCC water quality monitoring for pH BOD COD Chloride S Total Dissolve Solids shall be monitored and report sul Ministry Regional Office.	on monthly a . The ground Sulphate and
PPs S we have	MONITORING AND PRESERVATION ubmission: Complied	Sampling and trend analysis monitoring must be made basis and report submitted to SPCB and RO MOEFCC water quality monitoring for pH BOD COD Chloride S Total Dissolve Solids shall be monitored and report sul	on monthly a . The ground Sulphate and
PPs S we have	MONITORING AND PRESERVATION ubmission: Complied installaed piezometer for groundwate	Sampling and trend analysis monitoring must be made basis and report submitted to SPCB and RO MOEFCC water quality monitoring for pH BOD COD Chloride S Total Dissolve Solids shall be monitored and report sul Ministry Regional Office.	on monthly a . The ground Sulphate and bmitted to the Date: 20/05/2025

6	Human Health Environment	PP shall allocate Rs 50 lakhs/annum for Occupationa Safety. Occupational Health Centre for surveillance of health shall be set up The health data shall be used in duties of the workers All workers and employees shall with required safety kits/mask for personal protection.	the workers eploying the
Industry reference	e. company has provided health insura	es photograph and reports are attached for your ance facility to all employee covered with his family nters. industry has provided PPE kit for all employees.	Date: 22/05/2025
7	Human Health Environment	Training shall be imparted to all employees on safety aspects of chemicals handling. Safety and visual reality be provided to employees.	and health training shall
		ike chemical handling training, Mock drill, training	Date: 20/05/2025
8	Risk Mitigation and Disaster Management	The unit shall make arrangement for protection of pohazards during manufacturing process in material hand Firefighting system shall be as per the norms. PESO cebe obtained.	ling.
we have	ubmission: Complied installed a fire hydrant system in our tanks farms.	plant and PESO certificate obtained for ethanol	Date: 20/05/2025
9	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall Cement and other suitable industries for its incineration process inorganic and evaporation salt shall be dispose TSDF. Filter press shall be installed for drying of sludgest control of the	ns. ETP sludged d of to the
PPs St	ubmission: Complied		Date: 16/05/2025
10	MISCELLANEOUS	The company shall undertake waste minimization mediated below (a) Metering and control of quantities of active is minimize waste; (b) Reuse of by-products from the promaterials or as raw material substitutes in other process automated filling to minimize spillage. (d) Use of Clos into batch reactors. (e) Venting equipment through vap system. (f) Use of high pressure hoses for equipment of reduce wastewater generation.	ngredients to cess as raw ses. (c) Use of e Feed system our recovery
a) indust photogra Boiler fl to avoid reference	aphs are attached for your reference. by ash sold for brick manufacturing pu and minimize spillage company has a e. d) company has closed feed batch reference.	ingredients for control the minimize waste b) the byproduct such as DDGS sold as cattle feed, prose, CO2 refilled and sell for industrial purpose. c) puttomated filling system photo copies attached for your eactor (fermentation) e) venting equipment system f) industry has high pressure equipments for cleaning	Date: 20/05/2025
11	GREENBELT	The green belt of at least 5-10 m width shall be devel i.e. nearly 39.52 percentage of the total project area wir at the rate 2500 trees per hectares, mainly along the pla Selection of plant species shall be as per the CPCB gui consultation with the State Forest Department and native developed. Records of tree canopy shall be monitored remote sensing map. Greenbelt shall be developed before	th tree density ant periphery. delines in we species sha ed through

commissioning of the plant. Additional greenbelt shall be developed of 20 m width towards forest side in North. PPs Submission: Complied Date: The company has developed green belt area inside the plant premises and regularly plantation is 20/05/2025 carried out. we are covering 33 percentage of the plant area as per CPCB guidelines in consultation with the forest department. 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, Corporate Environmental 12 Responsibility 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. Date: **PPs Submission:** Partially Complied 22/05/2025 CER activities are under execution There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no 13 **MISCELLANEOUS** 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. Date: **PPs Submission:** Complied 20/05/2025 The company has sufficient space inside for parking of vehicle for raw materials total parking area in 32375 square meter. 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 AIR QUALITY MONITORING AND 14 provided around biomass storage area to prevent its suspension **PRESERVATION** 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. **PPs Submission:** Complied Date: a) company having closed and covered silo for raw material storage for prevent dust pollution and 20/05/2025 fugitive emission. b) company having bagasse stored yard and covered with shed, c) All internal road are paved. d) we have vaccume cleaner to sweep the internal roads. 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 AIR QUALITY 15 MONITORING AND transmitted to the CPCB and SPCB server. For online continuous **PRESERVATION** 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. Date: **PPs Submission:** Complied 20/05/2025 We installed continuous online Effluent and Emission monitoring system and the data is being uploaded to KSPCB and CPCB servers. 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. Date: PPs Submission: Complied 20/05/2025 We having separate Environmental Management Cell for monitoring of environmental management. NOC from the Concerned Local authority for surface water supply shall be obtained before starting construction of plant, State Pollution WATER OUALITY Control Board / Pollution Control Committees shall not issue the 17 MONITORING AND Consent to Operate (CTO) under Air (Prevention and Control of **PRESERVATION** Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission. Date: PPs Submission: Complied 20/05/2025 We obtained CTO from the KSPCB copy is attached for your reference. pent 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 18 **WASTE MANAGEMENT** 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 Date: we sell DDGS as a cattle feed (sell invoice copy attached for your ref.) MEE condensate we treat in 22/05/2025 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. 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/Nm3 for biomass as fuel. ESP/ bag house along with stack 100m of height shall be provided with the proposed 40 TPH Incineration boiler. AIR QUALITY Particulate matter emission from boilers shall be less than 19 MONITORING AND 30mg/Nm3. SO2 and NOx emissions from the Incineration boiler **PRESERVATION** shall be less below 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. **PPs Submission:** Complied Date: Existing 16 TPH boiler is provided with dust collector and 55 TPH boiler is provided with ESP as 20/05/2025 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. PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of **MISCELLANEOUS** 20 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-

	abmission: Complied has conducted single use of plastic	monthly compliance report being submitted to concern awareness program regularly.	Date: 16/05/2025
21	WASTE MANAGEMENT	Boiler ash shall be supplied to brick manufacturers in trucks/given to farmers to be used as manure. PP shall like rice husk/bagasse as fuel for the proposed boiler. It used as fuel in the boilers except for the 40 TPH incine PP shall meet 10 Percentage of the total power requirer solar power by generating power inside plant premises/adjacent/nearby areas.	use biomass No coal shall be cration boiler.
Boiler as		rer, Existing boiler are used bagasse as a fuel and no coal or project. Attached ash selling invoice.	Date: 20/05/2025

General Conditions

Sr.No.	Condition Type	Condition Details	
1	Statutory compliance	No further expansion or modifications in the plant, of mentioned in the EIA Notification, 2006 and its amend carried out without prior approval of the Ministry of E. Forest and Climate Change/SEIAA, as applicable. In edeviations or alterations in the project proposal from the tothis Ministry for clearance, a fresh reference shall be Ministry/SEIAA, as applicable, to assess the adequacy imposed and to add additional environmental protection required, if any.	Iments, shall be nivironment, ase of mose submitted to the of conditions
No any e	abmission: Complied expansion and modification in the plan proval as per EIA Notification.	nt if any modification expansion need we will take	Date: 16/05/2025
2	ENERGY PRESERVATION MEASURES	The energy source for lighting purpose shall be prefe based, or advanced having preference in energy conser environment betterment.	
	abmission: Complied has already installed LED for lighting	g purpose in industry premises.	Date: 20/05/2025
3	Noise Monitoring & Prevention	The overall noise levels in and around the plant area well within the standards by providing noise control m including acoustic hoods, silencers, enclosures etc. on noise generation. The ambient noise levels shall conforstandards prescribed under the Environment (Protectio Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night	easures all sources of rm to the n) Act, 1986
Ambient	abmission: Complied Noise level Monitoring carried out be Noise level monitoring report for you	y BTHLP MOEF and NABL approved lab. attached ar reference	Date: 20/05/2025
4	Corporate Environmental Responsibility	The company shall undertake all relevant measures f the socioeconomic conditions of the surrounding area. shall be undertaken by involving local villages and adr and shall be implemented. The company shall undertal developmental measures including community welfare	CER activitie ninistration see eco-

DD-	C-1		Date:
	Submission: Partially Complied ly complied		19/05/2025
5	MISCELLANEOUS	The company shall earmark sufficient funds towards and recurring cost per annum to implement the condition by the Ministry of Environment, Forest and Climate Class the State Government along with the implementation all the conditions stipulated herein. The funds so earmatenvironment management/pollution control measures diverted for any other purpose.	ons stipulated hange as well n schedule fo arked for
compace conditionally for	on stipulated by the Ministry of En	s capital cost and recuring cost per annum to implement the nvironment, Forest and climate changes and fund we use ollution control purpose. the fund spend like MEE plant, m etc.	Date: 20/05/2025
6	Statutory compliance	A copy of the clearance letter shall be sent by the pro- to concerned Panchayat, Zilla Parishad/Municipal Cor- local Body and the local NGO, if any, from whom sug- representations, if any, were received while processing	poration, Urb gestions/
		ed local panchayat Hoolageri village, Taluk badami District	Date: 19/05/2025
7	Statutory compliance	The project proponent shall also submit six monthly status of compliance of the stipulated Environmental C conditions including results of monitored data (both in well as by e-mail) to the respective Regional Office of CC, the respective Zonal Office of CPCB and SPCB. A Environmental Clearance and six monthly compliance shall be posted on the website of the company.	Clearance hard copies a MoEF and A copy of
	Submission: Complied re regularly submitted six monthly	compliance report.	Date: 19/05/2025
8	Statutory compliance	The environmental statement for each financial year March in Form-V as is mandated shall be submitted to State Pollution Control Board as prescribed under the I (Protection) Rules, 1986, as amended subsequently, sh on the website of the company along with the status of environmental clearance conditions and shall also be so respective Regional Offices of MoEF and CC by e-market productions.	the concerne Environment all also be pu compliance of ent to the
	Submission: Complied we submitted Environmental Stater	ment Form -V to KSPCB, Bagalkot.	Date: 19/05/2025
9	Statutory compliance	The project proponent shall inform the public that the been accorded environmental clearance by the Ministry the clearance letter are available with the SPCB/Comm also be seen at Website of the Ministry and at https://p. This shall be advertised within seven days from the day the clearance letter, at least in two local newspapers the	y and copies on the and may arivesh.nic.in the of issue of

We uplo	PPs Submission: Complied We upload EC to Parivesh portal and Adevertise to local news paper 1) Vijaya Karnataka 2)Deccan herald.			
10	The project authorities shall inform the Regional Off the Ministry, the date of financial closure and final approject by the concerned authorities and the date of state project.			
	ubmission: Complied obtained CFO on date 08.02.202	.4	Date: 19/05/2025	
11	This Environmental clearance is granted subject to final outcome 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				

Visit Remarks N/A

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.

Last Site Visit Report Date:

Additional Remarks: