

MBIPL-2/MOEF/EC-HC/2026-27/04

Date: 09.04.2026

To,  
The Director,  
Ministry of Environmental Forest and Climate Change,  
Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wings,  
17th Main Road, Koramangala II Block, Bangalore-560034.

Dear Sir,

**Sub:** Submission of Half Yearly Environmental Clearance compliance.

With reference to the above Environmental clearance issued by MOEF, Karnataka for our Maridi Bio Industries Pvt Ltd, Plot No. 312-A2 & 312-A2 (Part) Harohalli Industrial area, Harohalli, Ramanagara Dist., Karnataka, We are submitting herewith the half yearly Environmental Clearance compliance report for the period of Oct-25 to Mar-26 for your perusal.

Thanking you  
Yours faithfully,



(Authorised Signatory)

M/s. Maridi Bio Industries Pvt Ltd



**Maridi Bio Industries Private Limited**

Site Address :

Plot No. 312-A2 & 312-A2 (Part),  
Road No. 6, Harohalli Industrial Area Phase 2,  
Rama Nagar District-562 112, Karnataka.

CIN No. U9001TG2011PTC072453

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**MARIDI BIO INDUSTRIES PVT LTD**  
**HAROHALLI, RAMANAGARA**

**Compliance Conditions and Status of the EC**

**TERMS AND CONDITIONS**

**ENVIRONMENTAL CLEARANCE LETTER ISSUED NO MOEF F.No 10-02/2018-IA-III DATED : 15-10-2020**

<b>I. Specific Conditions :</b>		<b>Status</b>
1	As proposed incinerators shall be equipped with flue gas treatment system consisting of quencher, scrubber, bag filters, activated carbon system etc. along with a minimum stack height of 30 m shall be provided to comply with the emission standards. DG sets shall be operated only during power failures.	Complied
2	Waste such as incineration ash generated in the process of incineration and sludge from wastewater treatment plant shall be stored in a separate area under shed so as to avoid entry of rain water during the monsoon.	Complied
3	All possible measures shall be adopted for odour control shall be controlled by providing proper ventilation in the site, spraying ecosorb (organic and biodegradable chemical) around odour generation areas at regular intervals and by developing greenbelt with odour control species,	Complied
4	Fresh water of 80 KLD will be met from KIADB industrial water supply. No ground water abstraction shall be done at site.	Complied
5	Wastewater generated from container washing, floor washing, Incinerators etc. shall be treated in in-house effluent treatment plant. Rain water runoff from other hazardous waste management area shall be collected and treated in the effluent treatment plant. No wastewater/ treated water shall be discharged from the facility.	Complied
6	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/Regulations or Statutes as applicable to the project.	Noted and being followed
7	The Project proponent should ensure that the facility fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016&the Protocol for 'Performance Evaluation and Monitoring for the same as published by the CPCB and Bio-Medical Waste Management Rules, 2016and the revised guidelines issued by CPCB for Common Bio-Medical Waste Treatment and Disposal Facility.	Noted and being followed
8	The TSDF should handle the waste generated from the member units as well as health establishment for bio-medical waste processing. Tracking system for movement of Hazardous and Bio-Medical Waste from generator to the facility site shall be put in place.	Noted and being followed

9	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.	Not Applicable
10	Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF &CC.	Not Applicable
11	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. On-line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions	Not Applicable
12	As proposed Greenbelt shall be developed in a minimum of 33% area of the proposed facility with native species (as per CPCB guidelines). It shall be ensured that all the trees and other plantation within facility do not in any way encourage the incorporation of toxic materials in the food chain	Complied
13	As proposed, onsite and off-site disaster management plan shall be operationalised in consultation with district level authority in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or continuous release of hazardous waste or hazardous waste constituents to air, soil or surface water.	Noted and being Followed
14	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and as proposed, a fund of Rs. 0.30 Crores (@2% of project Cost) shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Health check-up for communities in the nearby villages and distribution of medicines to the needy, Bore wells, Hand pump in the nearby villages, modernization of class rooms, donation of computers, note books, other need based education materials, provision of potable drinking water and improving sanitation in local schools, in PHCs and PHSCs for improving medical infrastructure, Plantation drives would be conducted on World Environment Day in the nearby villages, For employee children and others studying in the nearby schools and Monitoring, Impact Assessment and Independent study etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and monitored strictly. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	Complied

**B. Standard Conditions :**

**I. Statutory compliance :**

1	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Complied
2	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted and being followed
3	Transportation and handling of Bio-medical Wastes shall be as per the Bio-Medical Waste Management Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules 1989.	Complied

**II. Air quality monitoring & preservation : (TSDF )**

1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Noted and being followed
3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO <sub>2</sub> and NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Complied
4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Complied
5	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Noted and being followed
6	Appropriate Air Pollution Control (As proposed, air pollution control device viz. gas quencher, treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bagfilter/ESP for removal of particulate matter; entire scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Complied
7	The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out. Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory	Complied
8	Gas generated in the Land fill should be properly collected, monitored and flared	Not Applicable
9	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Noted and Being Followed

<b>III. Air quality monitoring &amp; preservation : (Bio-Medical waste )</b>		
1	Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.	Noted and Being Followed
2	Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3%, or their loss on ignition is less than 5% of the dry weight of the material.	Complied
3	Venturi scrubber (alkaline) should be provided with the Incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50mg/Nm <sup>3</sup> .	Noted and being followed
4	Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution control devises (quenching, Venturi scrubber, mist eliminator) should be provided for compliance of emission standards.	Complied
5	Masking agents should be used for odour control.	Complied
<b>VI. Water quality monitoring and preservation (TSDF)</b>		
1	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied
2	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Noted and being followed
3	No discharge in nearby river(s)/pond(s).	Zero Discharge Facility
4	The depth of the land fill site shall be decided based on the ground water table at the site.	Not Applicable
5	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	Complied
6	The Company shall review the unit operations provided for the treatment of effluents, specially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.	Noted and being followed
7	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	Complied
8	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.	Noted and being followed
9	A certificate from the competent authority for discharging treated effluent/untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	Not Applicable
10	Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.	Noted and being followed

<b>VI. Water quality monitoring and preservation (Bio-Medical Waste)</b>		
1	Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained	Complied
2	Process effluent/any waste water should not be allowed to mix with storm water.	Complied
3	The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.	Not Applicable
4	Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.	Complied
<b>VI. Noise monitoring and prevention:</b>		
1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complied
2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Complied
3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Complied
<b>VII. Energy Conservation measures:</b>		
1	Energy conservation measures like installation of LED for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Noted and being followed
<b>VIII. Waste management:</b>		
1	The TSDF should only handle the waste generated from the member units.	Noted and Being followed
2	Periodical soil monitoring to check the contamination in and around the site shall be carried out.	Noted and Being followed
3	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.	Noted and Being Followed
4	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	Noted and being Followed
5	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	Noted and being Followed
6	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.	Noted and being Followed
7	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	Noted and being Followed

8	Incinerated ash shall be disposed at TSDF and arrangement made in this regard shall be submitted to the Ministry prior to the commencement.	Noted and being Followed
9	No land filling of bio-medical waste is allowed	Complied
<b>IX. Green Belt:</b>		
1	1. Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	Complied
2	Top soil shall be separately stored and used in the development of green belt.	Complied
<b>X. Public hearing and Human health issues:</b>		
1	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.	Noted and being followed
2	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted and being followed
3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and being Followed
4	Occupational health surveillance of the workers shall be done on a regular basis.	Complied
5	Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.	Complied-Waste feeding by Conveyor and Robotic Arm
6	Necessary provision shall be made for fire-fighting facilities within the complex.	Complied
7	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.	Noted and being Followed
<b>XI. Corporate Environment Responsibility:</b>		
1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 01.05.2018, as applicable, regarding Corporate Environment Responsibility.	Noted and being Followed
2	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental forest /wildlife norms/conditions. The company shall have defined system of reporting infringements /deviation/violation of the environmental/forest/wildlife norms/conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied

3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Noted and being Followed
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Noted and being Followed
4	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted and being Followed
<b>XII. Miscellaneous:</b>		
1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Noted and being Followed
2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Noted and being Followed
3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted and being Followed
4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted and being Followed
5	The project proponent shall submit the environmental statement for each financial year In Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied
6	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied
7	The project proponent 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, commencing the land development work and start of production operation by the project.	Noted and being Followed
8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted and being Followed
9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and being Followed

10	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and being Followed
11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted
15	The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.	Noted
16	Any appeal against this EC 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.	No