



CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Paryawas Bhawan, Sector – 19,

Nava Raipur Atal Nagar, District- Raipur (C.G.) – 492 002

E-mail-hocecb@gmail.com

No. 7692 /TS/CECB/2025 Nava Raipur Atal Nagar, Dated: 07/10/2025

To,

M/s Modi Bio Tech Private Limited

Village - Bhilai,

Tehsil - Arang,

District – Raipur (C.G.)

Sub: - Amendment in Permission to Establish cum “Consent to Operate” for capacity enhancement of Grain Based Ethanol Plant - 210 KLPD to 282 KLPD from existing Ethanol Plant based on “No increase in Pollution Load” certificate under para 7(ii) ‘b’ of EIA Notification, 2006 (as amended).

- Ref:-
1. Environmental clearance issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no. IA.J- 11011/522/2021-IA -II (I), dated: 02/03/2022 (EC Identification No. EC22A060CG159256) and amendment in Environmental clearance issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no. J- 11011/210/2020-IA - II (I), dated: 30/03/2022.
 2. “Permission to Establish” for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme at Village-Bhilai, Tehsil-Arang, District–Raipur(C.G.) issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 1672/TS/CECB/2022 Nava Raipur Atal Nagar, dated: 08/06/2022.
 3. Consent of the Board issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 4780/TS/CECB/2023 Nava Raipur Atal Nagar, Dated 13/09/2023 for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme.
 4. Last renewal of the Board issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 7470/TS/CECB/2024 Nava Raipur Atal Nagar, Dated 25/11/2024 for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme.

5. Your online application no. 20462436, dated: 25/09/2025 and subsequent correspondence ending dated: 06/10/2025.

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Environmental clearance has been issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no IA.J- 11011/522/2021-IA -II (I), dated: 02/03/2022 (EC Identification No. EC22A060CG159256) for Grain Based Ethanol Plant of capacity -210 KLD with ZLD along with Captive Power Plant-5.0 megawatt under EBP programme and amendment in Environmental clearance issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no. J- 11011/210/2020-IA -II (I), dated: 30/03/2022.

After that, Chhattisgarh Environment Conservation Board has granted "Permission to Establish" vide letter no. 1672/TS/CECB/2022 Nava Raipur Atal Nagar, dated: 08/06/2022 for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme, subject to fulfillment of the terms and conditions mentioned therein.

After installation of Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt with pollution control systems, consents under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 has been issued vide this office letter no. 4780/TS/CECB/2023 Nava Raipur Atal Nagar, Dated 13/09/2023, subject to fulfillment of the terms and conditions mentioned in the consent letters.

Further, renewal of consent under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 was granted for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme vide letter no. 7470/TS/CECB/2024 Nava Raipur Atal Nagar, Dated 25/11/2024. The above consent renewal is valid up to 31/10/2025.

Now, industry has submitted application for obtaining amendment in Permission to Establish cum "Consent to Operate" for capacity enhancement of Grain Based Ethanol Plant from - 210 KLPD to 282 KLPD based on "No increase in Pollution Load" certificate under para 7(ii) 'b' of EIA Notification, 2006 (as amended) through online application no. 20462436, dated: 25/09/2025 and subsequent correspondence ending dated: 06/10/2025.

Ministry of Environment, Forests and Climate Change, Government of India has amended EIA Notification S.O. 1533(E) dated 14/09/2006 vide Notification S.O. 980(E) dated 02/03/2021 and as per this Notification '(b)Existing projects (having Prior Environmental Clearance) with no increase in pollution load: Any increase in production capacity in respect of processing or production or manufacturing sectors (listed against item numbers 2,3, 4 and 5 in the Schedule to this notification) with or without any change in (i) raw material-mix or (ii) product-mix or (ii) quantities within products or (ii) number of products including new products falling in the same category or (iv) configuration of the

plant or process or operations in existing area or in areas contiguous to the existing area (for which prior environmental clearance has been granted) shall be exempt from the requirement of Prior Environmental Clearance provided that there is no increase in pollution load (derived on the basis of such Prior Environmental Clearance)

Industry has submitted (1) No Increase in Pollution Load Certificate from the Environmental Auditor M/s JMJ EnviroNet Pvt. Ltd. (NABET Accredited) (2) Permission to establish certificate, (3) Online system generated Acknowledgement of uploading of intimation and “No Increase in Pollution Load” certificate as per the provisions of the notification.

Regional Officer, Chhattisgarh Environment Conservation Board, Raipur has informed that industry has provided effluent treatment arrangement and air pollution control systems.

The facts submitted by the industry have been examined. After careful consideration of the facts & materials in record and in the view of the above, following “Permission to Establish”, under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and consent under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 are hereby amended as below.

“Permission to Establish” shall be valid for Grain Based Ethanol Plant – 282 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme at Village-Bhilai, Tehsil-Arang, District–Raipur(C.G.). The other terms and conditions mentioned in Permission to Establishment issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 1672/TS/CECB/2022 Nava Raipur Atal Nagar, dated: 08/06/2022 shall remain unchanged.

and

The consents under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 are hereby granted for a period up to 30/09/2026 from the date of issue, subject to the fulfillment of the terms and conditions annexed hereto as **PART ‘A’ & ‘B’** respectively.

The consent shall be valid for production capacity of:-

S. No.	Product	Production Capacity
01	Grain Based Ethanol Plant	282 Kiloliter Per Day (Two Hundred Eighty Two Kiloliter Per Day)
02	Co-generation Captive Power Plant	05 Megawatt (Five Megawatt)

- (1) This consent/renewal of consent shall be valid up-to 30/09/2026 from the date of issue.

Note :-The Consent of the Board issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 4780/TS/CECB/2023 Nava Raipur Atal Nagar, Dated 13/09/2023 and Renewal of the consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 7470/TS/CECB/2024 Nava Raipur Atal Nagar, Dated 25/11/2024 for Grain Based Ethanol Plant – 210 Kiloliter Per Day and Co-generation Captive Power Plant – 05 Megawatt under EBP Programme shall be treated as cancelled with effect from the date of issue of this letter.

Terms & Conditions :-

(A) Water (Prevention and Control of Pollution) Act, 1974

1. Industry shall strictly comply with all the conditions stipulated in the environment clearance granted by Ministry of Environment, Forest and Climate Change, Government of India vide letter no. IA.J-11011/522/2021-IA -II (I), dated: 02/03/2022 (EC Identification No. EC22A060CG159256) and amendment in Environmental clearance issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no. J- 11011/210/2020-IA -II (I), dated: 30/03/2022.
2. Industry shall not install any additional plant and machinery for enhancement of Grain Based Ethanol production from– 210 Kiloliter Per Day to 282 Kiloliter Per Day.
3. Industry shall complete following works at the earliest :-
 - a. Installation of STP.
 - b. Installation of Piezometric holes.
 - c. Plantation in one third area with third party verification report.
 - d. NOC from CGWA for extraction of ground water in future i.e. after 01/11/2025.
 - e. Installation of fly ash brick plant or proof of 100% utilization of fly ash at present and in future.

Industry has to pay environmental compensation till the date of completion of above works.

4. Industry shall ensure that the pollution load shall not exceed the existing pollution load after expansion of the plant.
5. Co-generation power plant shall be totally based on biomass i.e. rice husk etc. No. coal/lignite/petroleum products shall be consumed as fuel under any circumstances. Industry shall obtain prior permission of the Board for any change in fuel.
6. Industry shall provide adequate facility for proper treatment of industrial and domestic effluent based on ZLD. Spent wash generated shall be treated in Multi-effect Evaporator and concentrated spent wash shall be further treated in dryer to form DDGS (Distiller Dry Grain and Soluble) to be used as cattle feed. Spent lees and process condensate etc. shall

be treated in effluent treatment plant (equalization tank, neutralization tank, anaerobic treatment, primary clarification, aerobic treatment, secondary clarification, activated carbon filter, ultra-filtration, sodium hypochlorite for disinfection) of adequate capacity. Treated waste water shall be recycled and used as makeup water in grain based ethanol plant and cooling tower. Domestic waste water shall be treated in Sewage Treatment Plant of adequate capacity and treated sewage shall be used in plantation and dust suppression purposes after proper disinfection. All effluent treatment systems/water pollution control systems shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay; otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Industry shall ensure the treated effluent quality within the standard prescribed by Chhattisgarh Environment Conservation Board. Chhattisgarh Environment Conservation Board may further stipulate stringent limit depending upon environmental conditions.

7. Any liquid effluent what so ever generated from industrial activities shall not be discharged into the any river or any surface water bodies under any circumstances, and it shall be reused wholly in the process/operation/plantation within plant premises. All the industrial effluent generated shall be re-circulated/reused after proper treatment. Industry shall not discharge any liquid effluent what so ever generated from various processes, cooling blow down, boiler blow down, RO reject, sewage/sludge, effluent treatment plant etc. into the river or any surface water bodies. The treated domestic effluent shall be used for plantation purpose within plant premises after proper disinfection. Industry shall make proper arrangements of suitable drains/pipe networks to ensure adequate flow for utilization of treated effluent inside the premises. No effluent shall be discharged outside of factory premises in any circumstances. The concept of zero liquid discharge (ZLD) shall be strictly maintained all the time.
8. Industry shall use water for industrial activities from Nisda Dam of Mahanadi River after obtaining permission from Department of Water Resources, Chhattisgarh Government. Industry shall use fresh ground water with due No Objection Certificate obtained from Central Ground Water Authority.
9. Industry shall provide system for continuous monitoring of effluent quality as per CPCB guidelines for relevant parameters (like pH, Flow, Temperature, TOC/COD etc.) and shall be connected to CECB/CPCB server. Industry shall also provide flow meter. Treated and un-treated effluent quality along with six monthly monitoring reports shall be regularly submitted to the Regional Office, Chhattisgarh Environment Conservation Board, Raipur, Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Raipur, Zonal Office of CPCB and Head Office Chhattisgarh Environment Conservation Board, Nava Raipur Atal Nagar. Calibration and validation of data shall be carried out of all CWQMS and industry shall ensure availability of real

time data in CECB/CPCB server. Industry shall install PTZ cameras at the outlet of the premises with online connectivity.

10. Six piezometers, two upstream of groundwater aquifer, two downstream of aquifer and two within the facility/project shall be installed. Groundwater sample shall be drawn on each of 15th of January, April, July and October every year, (i.e., four times a year) from all piezometers and be analyzed for pH, TDS, BOD, COD and total heavy metals apart from depth of groundwater table and report shall be submitted to the Regional Office, Chhattisgarh Environment Conservation Board, Raipur, Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Raipur, Zonal Office of CPCB and Head Office Chhattisgarh Environment Conservation Board, Nava Raipur Atal Nagar.
11. Industry shall ensure compliance of the standards prescribed by Ministry of Environment, Forest and Climate Change, Government of India regarding specific water consumption in distillery and power plant. Industry shall ensure the disposal of fly ash as per the Ministry of Environment, Forest and Climate Change, Government of India Notification dated 31/12/2021 and 30/12/2022.
12. Industry shall follow the Standard Operating Procedure (SOP)/Direction issued by Central Pollution Control Board for treatment and disposal of liquid/solid/hazardous wastes generated from Grain Based Ethanol Plant and Co-generation Captive Power Plant.
13. Industry shall ensure CO₂ generated from the process shall be bottled/made solid ice & utilized/sold to authorized venders. Industry shall complete the installation work of CO₂ scrubbing plant before commissioning of the plant operations. Industry shall complete the work of connecting the pipeline from the dryer to the decanter.
14. Industry shall ensure transportation of raw materials/fuel/dust generating products by properly covered vehicles. Vehicles used for transporting shall be covered with tarpaulins and optimally loaded. Vehicular emissions shall be kept under control and regularly monitored. Industry shall follow SOP issued by Chhattisgarh Environment Conservation Board vide order dated 26/06/2024 regarding transportation through properly tarpaulins covered vehicles.
15. At least 15% of the total plant area will be reserved for parking with the facilities of toilets, drinking water facility and restrooms. No public place shall be used for parking of vehicles.
16. All raw materials, fuel (risk husk), finished product/byproducts shall be stored in closed shed/closed containers above ground level with pucca platform. Effective steps shall be taken for safe and scientific handling, storage, transportation and disposal of solid wastes/ash/sludge. Spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incineration. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. Industry shall comply with Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (as amended).

17. Industry shall adopt dry ash/dust extraction system and dry ash/dust disposal system. Industry shall provide ash/dust storage silos of sufficient capacity and regular disposal of ash/dust shall be ensured. If at any point of time all the storage silos completely filled with ash/dust, then in that case industry shall shut down the plant till such time the ash/dust disposed to other beneficial uses. Ash/dust shall not be stored in open areas under any circumstances. Industry shall incorporate total ash utilization as integral part of the project. Fly ash, bottom ash and dust generated shall be collected in dry form and it shall be utilized 100% for beneficial use such as brick/block making, road construction etc. Low lying area filled up with fly ash shall be covered immediately with soil and plantation.
18. Industry shall install fly ash brick/block/products manufacturing machine of capacity 10,000 Nos./Day for proper utilization of ash generated.
19. Industry shall provide separate electric metering arrangement with time totalizer for the running of pollution control device(s). This arrangement shall be made in such a fashion that any non-functioning of pollution control device(s) shall immediately stop the production/raw material/fuel supply and shall remain tripped till the pollution control device/devices are made functional again/rectified to achieve the desired efficiency. The record of power & chemical consumption for running the pollution control equipments shall be submitted to Board every month. A separate logbook shall be maintained for this.
20. All the internal roads shall be maintained pucca [either of TAR or Cement]. Industry shall adopt good housing keeping and odour control practices in the plant premises.
21. The dense green belt of local broad leaf plant species shall be developed in at-least 33% area of the total project area all along the plant periphery. Plantation shall be completed within six months. Extensive tree plantation shall also be carried out within open areas available in plant factory premise. 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. Industry shall abide by the decisions taken by Ministry of Environment, Forest and Climate Change, Government of India/Central Pollution Control Board/Government of Chhattisgarh/Chhattisgarh Environment Conservation Board from time to time in this regard.
22. Garland drains with appropriate check dams shall be provided all along the raw material, fuel, solid wastes/sludge/fly ash temporary storage areas to avoid any possibility of erosion during rain. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains. The surface run-off shall be de-silted through a series of check dams and drains of adequate size. Storm water flowing over plant premises shall not be allowed to join nearby nallah or any river. The treated storm water shall be used either in process or for land application. Process effluent waste water shall not be allowed to mix with storm water.
23. Industry shall adopt rainwater-harvesting technique in the project area and residential area (if any) for recharge of ground water. Industry shall

develop rainwater-harvesting structures and reservoirs/ponds to harvest the rainwater for utilization in the lean season as well as to recharge the ground water table before commissioning of the plant. Industry shall construct a rainwater storage facility of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.

24. Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
25. Industry shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who will directly report to the head of organization.
26. Industry shall not claim any right on the basis of the “consent to operate” granted of the Board. The issuance of “Consent to Operate” does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
27. Any change in production capacity, process/operation, raw materials, fuels used etc. shall be intimated to the Board. For any enhancement of the above prior permission of the Board shall be obtained.
28. Board reserves the right to amend/cancel any of the above conditions, stringent the effluent limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

(B) Air (Prevention and Control of Pollution) Act, 1981

1. Industry shall strictly comply with all the conditions stipulated in the environment clearance granted by Ministry of Environment, Forest and Climate Change, Government of India vide letter no. IA.J-11011/522/2021-IA -II (I), dated: 02/03/2022 (EC Identification No. EC22A060CG159256) and amendment in Environmental clearance issued by the Ministry of Environment, Forest and Climate Change, Government of India vide letter no. J- 11011/210/2020-IA -II (I), dated: 30/03/2022.
2. Industry shall not install any additional plant and machinery for enhancement of Grain Based Ethanol production from– 210 Kiloliter Per Day to 282 Kiloliter Per Day.
3. Industry shall complete following works at the earliest :-
 - a. Plantation in one third area with third party verification report.
 - b. Installation of fly ash brick plant or proof of 100% utilization of fly ash at present and in future.

Industry has to pay environmental compensation till the date of completion of above works.

4. Industry shall ensure that the pollution load shall not exceed the existing pollution load after expansion of the plant.
5. Co-generation power plant shall be totally based on biomass i.e. rice husk etc. No. coal/lignite/petroleum products shall be consumed as fuel under any circumstances. Industry shall obtain prior permission of the Board for any change in fuel.
6. Industry shall provide adequate air pollution control systems at all point and non point sources of air pollutant's emission. Boiler shall be equipped with electro static precipitator having minimum 55 meter stack height to ensure particulate matter emission less than 30 mg/Nm^3 all the time. Carbon dioxide scrubber shall be installed in fermentation unit. Suitable & effective air pollution control equipments (adequate dust extraction systems followed by bag filters) for the control of emissions from processes/operations and for the control of emission during the handling & transportation of biomass, fly ash/bottom ash etc. shall be installed and maintained in proper order during operation. Dust extraction and suppression systems followed by bag filters shall be provided for control of fugitive dust emissions within and around the rice husk handling plant and rice husk/stockyard. Industry shall install suitable & effective air pollution control equipments at all transfer points, junction points etc. also. All the conveying system, transfer point, junction point etc. shall be covered. Close conveying system with dust suppression mechanism shall be used for transport of ash to the storage silo. Adequate provision shall be made for sprinkling of water at strategic locations for ensuring fly ash and dust does not get air borne. For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant shall be ensured. All air pollution control systems shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay; otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Chhattisgarh Environment Conservation Board may further stipulate stringent limit depending upon environmental conditions.
7. Height of stacks attached to various emission sources shall not be less than as per notification/guidelines of Ministry of Environment, Forest and Climate Change, Government of India/Central Pollution Control Board or 30 meter (whichever is more). Adequate arrangement such as porthole, easy ladder, platform etc. for stack emission monitoring shall be provided with all the stack(s). Industry shall ensure acoustically enclosed D.G. sets with stack height as prescribed by Central Pollution Control Board, New Delhi. Industry shall increase the height of DG set stack minimum 30 meters. Ambient air quality within the project area shall not exceed the standards prescribed by the Board. Ambient air quality shall be regularly monitored.
8. Industry shall ensure compliance of the standards prescribed by Ministry of Environment, Forest and Climate Change, Government of India regarding specific gaseous emission in distillery and power plant. Industry shall ensure the disposal of fly ash as per the Ministry of

Environment, Forest and Climate Change, Government of India
Notification dated 31/12/2021 and 30/12/2022.

9. Industry shall follow the Standard Operating Procedure (SOP)/Direction issued by Central Pollution Control Board for treatment and disposal of liquid/solid/hazardous wastes generated from Grain Based Ethanol Plant and Co-generation Captive Power Plant.
10. Industry shall provide and commission Continuous Emission Monitoring System - CEMS (as per CPCB guidelines for relevant parameters) in all the stack(s) of boiler/co-generation captive power plant and shall be connected with CECB/CPCB server. Calibration and validation of data shall be carried out of all CEMS and industry shall ensure availability of real time data in CECB/CPCB server.
11. Industry shall ensure CO₂ generated from the process shall be bottled/made solid ice & utilized/sold to authorized venders. Industry shall complete the installation work of CO₂ scrubbing plant before commissioning of the plant operations. Industry shall complete the work of connecting the pipeline from the dryer to the decanter.
12. Adequate number of permanent ambient air quality monitoring stations (at-least four) shall be set-up in the down wind direction as well as where maximum ground level concentrations of PM₁₀, PM_{2.5}, Sulphur Dioxide and Oxides of Nitrogen etc. are anticipated in consultation with the Regional Office, Chhattisgarh Environment Conservation Board, Raipur. Data on ambient air quality and stack emission along with six monthly monitoring reports shall be regularly submitted to the Regional Office, Chhattisgarh Environment Conservation Board, Raipur, Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Raipur, Zonal Office of CPCB and Head Office Chhattisgarh Environment Conservation Board, Nava Raipur Atal Nagar.
13. Industry shall ensure transportation of raw materials/fuel/dust generating products by properly covered vehicles. Vehicles used for transporting shall be covered with tarpaulins and optimally loaded. Vehicular emissions shall be kept under control and regularly monitored. Industry shall follow SOP issued by Chhattisgarh Environment Conservation Board vide order dated 26/06/2024 regarding transportation through properly tarpaulins covered vehicles.
14. At least 15% of the total plant area will be reserved for parking with the facilities of toilets, drinking water facility and restrooms. No public place shall be used for parking of vehicles.
15. All raw materials, fuel (risk husk), finished product/byproducts shall be stored in closed shed/closed containers above ground level with pucca platform. Effective steps shall be taken for safe and scientific handling, storage, transportation and disposal of solid wastes/ash/sludge. Spent wash shall be concentrated and dried to form DDGS to be used as cattle feed. Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incineration. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. Industry shall comply with Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (as amended).

16. Industry shall adopt dry ash/dust extraction system and dry ash/dust disposal system. Industry shall provide ash/dust storage silos of sufficient capacity and regular disposal of ash/dust shall be ensured. If at any point of time all the storage silos completely filled with ash/dust, then in that case industry shall shut down the plant till such time the ash/dust disposed to other beneficial uses. Ash/dust shall not be stored in open areas under any circumstances. Industry shall incorporate total ash utilization as integral part of the project. Fly ash, bottom ash and dust generated shall be collected in dry form and it shall be utilized 100% for beneficial use such as brick/block making, road construction etc. Low lying area filled up with fly ash shall be covered immediately with soil and plantation.
17. Industry shall install fly ash brick/block/products manufacturing machine of capacity 10,000 Nos./Day for proper utilization of ash generated.
18. Industry shall provide separate electric metering arrangement with time totalizer for the running of pollution control device(s). This arrangement shall be made in such a fashion that any non-functioning of pollution control device(s) shall immediately stop the production/raw material/fuel supply and shall remain tripped till the pollution control device/devices are made functional again/rectified to achieve the desired efficiency. The record of power & chemical consumption for running the pollution control equipments shall be submitted to Board every month. A separate logbook shall be maintained for this.
19. Industry shall provide proper arrangement to control the noise pollution. Industry shall install appropriate noise barriers/control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation to control the noise. The noise level shall not exceed the limit 75 dB(A) during the day time and 70 dB(A) during the night time within the plant premises. Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment.
20. All the internal roads shall be maintained pucca [either of TAR or Cement]. Industry shall adopt good housing keeping and odour control practices in the plant premises.
21. The dense green belt of local broad leaf plant species shall be developed in at-least 33% area of the total project area all along the plant periphery. Plantation shall be completed within six months. Extensive tree plantation shall also be carried out within open areas available in plant factory premise. 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. Industry shall abide by the decisions taken by Ministry of Environment, Forest and Climate Change, Government of India/Central Pollution Control Board/Government of Chhattisgarh/Chhattisgarh Environment Conservation Board from time to time in this regard.
22. Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.

23. Industry shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who is directly report to the head of organization.
24. Industry shall not claim any right on the basis of the “consent to operate” granted of the Board. The issuance of “Consent to Operate” does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
25. Any change in production capacity, process/operation, raw materials, fuels used etc. shall be intimated to the Board. For any enhancement of the above prior permission of the Board shall be obtained.
26. Board reserves the right to amend/cancel any of the above conditions, stringent the emission limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

Please acknowledge the receipt of this letter.

For & on behalf of
Chhattisgarh Environment Conservation Board

Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Endt. No. 7693 /TS/CECB/2025 Nava Raipur Atal Nagar, Dated: 07/ 10 /2025
Copy to: -

Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raipur (C.G.). Please inspect the industry within 03 months from date of issue of this letter and ensure compliance of consent condition(s) and take action as per law, if any condition/conditions are violated by the industry.

Sd/-
Member Secretary
Chhattisgarh Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)