



15th May'2024

To,
The Additional Principal Chief Conservator of Forest
Ministry of Env, Forest and Climate Change, Govt of India
Regional Office (Eastern Zone), A/3, Chandrasekharpur
Bhubaneswar - 751023

Subject: Submission of Six Monthly Environmental Compliance Status Report Period
from October'2023 to March'2024

Respected Sir,

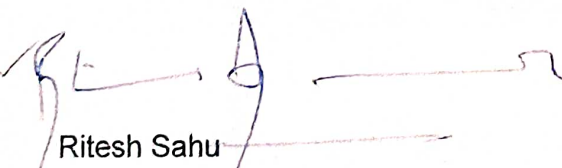
With reference to the above subject, we are hereby submitting the 6th monthly compliance report as per the conditions stipulated in the environmental Clearance issued by Ministry of Environment.

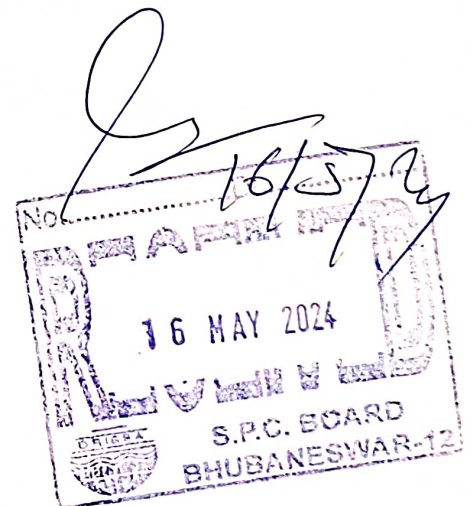
We request you to please acknowledge the receipt of the same.

Thanking You!

Very Truly Yours,

M/s Boudh Distillery Pvt Ltd


Ritesh Sahu
(Managing Director)



BOUDH DISTILLERY PVT. LTD.

Head Office: Plot No- C - 84, Palashpalli, Airport Area, Bhubaneswar - 751020 , India, Contact: +91-674-2593590

Plant: Titerikata, PO-Ramvikata, Tehsil-Harbhanga, Dist.-Boudh - 762024, Odisha, India, Contact: +91-6841-222100

Regd. Office: Gunjan Apartments 11, Palm Avenue, Flat 1C Ballygunge, Kolkata-700019, India, CIN: U15311WB2008PTC131544

🌐 www.boudhdistillery.com ✉ info@boudhdistillery.com

Six Monthly Environmental Compliance Report
of Conditions in Environmental Clearance

(Oct'2023 to Mar'2024)

of

M/S Boudh Distillery Pvt Ltd

Village: Ramvikata, P.O. Titerikata,

Tehsil: Harbhanga, Distt: Boudh, Odisha,

Pin 762024

For Submission to:

Ministry of Environment, Forest And

Climate Change (MoEF and CC) Regional
Office (Easter Zone), A/3, Chandrasekharpur,

Bhubaneswar-751023, ODISHA

Submitted by: M/s Boudh Distillery Pvt Ltd

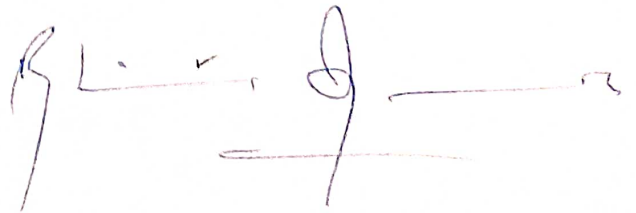
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Compliance to the conditions stipulated in the Environmental clearance issued by Ministry of Environment, Forest & Climate change vide letter no.J-11011/160/2015-IA II(I) dated 28th October 2016 for Grain Based Distillery plant (2x60klpd) along with co-generation Power plant (2x2.5 MW) to Boudh Distillery Pvt Ltd.. at village Titerikata, post-Ramvikata, Tehsil-Harabhanga, District-Boudh, Odisha Pin-762024

A. Specific Conditions Period of report: Oct'2023 to Mar'2024

S.No.	Specific conditions	Compliance
i.	ESP along with stack of adequate height shall be provided to coal/biomass fired boiler to control particulate emission with 50mg/Nm ³	We do here by confirm that 02 No. of ESP having 08 nos. fields total along stack of 58 metre to coal/biomass fired Boiler has been provided to control particulate emission within 50 mg/Nm ³ limits
ii.	Total fresh water requirement of 1200 m ³ /day will meet from Mahanadi water supply. No ground water shall be Extracted.	We do here by confirm that total fresh water requirement of 1200 m ³ /day is being met at maximum from Mahanadi only. We also confirm that no ground water is being used for our process requirement and other domestic purposes.
iii.	Spent wash generation from grain-based distillery shall not exceed 6kl/kl of alcohol. Spent wash shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form DWGS. DWGS will sent to Dryer to form DDGS. The condensate spent Lees and Utilities effluent shall be treated in the ETP comprising tertiary treatment. Treated effluent will be used for make-up water for Cooling Towers and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB and Recycle/Re-use.	Noted and being Complied as per norms. The spent wash generation from distillery is also 6kl/kl maximum of Alcohol produced. Spent wash is passing through decanter and concentrated in multi effect evaporator (MEE) to form DWGS. DDGS is getting from DWGS after passing Through Dryer. The Condensate and lees are also recycled through treatment plant and again sent back to process's usages. The Effluent treatment is conducted in ETP and treated water is used as make-up water in different Cooling Towers. Annexure - I Pictures of ETP,

<u>Sl.No</u>	<u>Specific Conditions</u>	<u>Compliance</u>
iv	Spent wash shall be stored in SS tank. The storage of spent wash shall not exceed for 5 days' capacity	Installed SS Tank for spent wash storage and its, capacity of spent wash Tank - 280 m3 volume as an intermediate tank or holding/storage tank.
v	As proposed, no effluent from distillery shall be discharged outside the plant premises and Zero discharge shall be adopted. Water consumption shall be reduced by adopting 3R'S (Reduce, Reuse and Recycle) Concept in the process.	We do here by confirm that, no effluent from distillery is discharged outside the plant premises and Zero Liquid Discharge (ZLD) practice is maintained. We have taken necessary steps to reduce the water consumption by adopting 3 R'S (Reduce, reuse & recycle).
vi	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	We do here by confirm the Distillery process effluent/any waste water is not mixed with storm water. Storm water is being passed through guard pond as well as rain water harvesting system/pits.
vii	Adequate numbers of ground water monitoring stations by providing piezometers around the project area shall be setup. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to SPCB and his Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolved Solids shall be monitored. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhubaneswar And SPCB.	As, we are not using ground water in the process plant. Hence we have not installed Piezometers in our plant's premises.



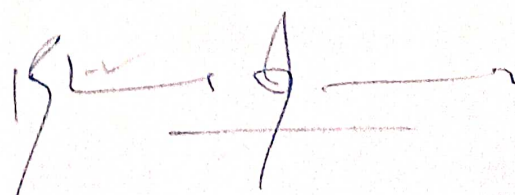
Sl.No	Specific Conditions	Compliance
Viii	Continuous online monitoring (24x7) system to be installed within treatment plant and data to be uploaded to Company's web site and also provided to respective Regional Office of MoEF & CC and concerned SPCB/CPCB	Continuous online monitoring (24x7) system has been installed within treatment plant and data of treatment plant (ETP) is being transmitted through online system to the server of Odisha State as well as Central Pollution Control Board. Data is being uploaded in company's web site and also being provided to MoEF & CC, Regional Office, Bhubaneswar.
ix	Bagasse storage shall be done in such a way that it does not get air borne or fly around due to wind.	Not applicable, as there is no Bagasse storage is envisaged in the project. We are using Coal only as main fuel for boilers.
x	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be stored separately.	Boiler ash silo has been installed & fly ash is stored in ash silo. Also, Proper care is taken to prevent direct exposure of workers to fly ash and its dust. Boiler ash, we are selling to Brick manufacturers. Annexure- II Picture of ash silo
xi	Fire-Fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for Fire-Fighting shall be made to control fire from the alcohol storage tank. DMP shall be implemented.	Fire-fighting system has been installed as per the norms and all area is covered where alcohol is produced, handled and stored. Provision of foam and water sprinkler system for fire-fighting has also been made to control fire from the alcohol storage tank/areas. A DMP (Disaster management Plan) has been prepared. Annexure- III Picture of fire-fighting.
xii	Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first Aid Facilities in the occupational health center shall be strengthened and the regular medical test records of each employee shall be maintained separately.	Medical test records of each employee have been maintained separately on interval basis every year. First Aid Boxes are provided in the different sections of plant premises. Medical Test Record of each employee in Form 31 A is also being maintained properly .
Xiii	Dedicated parking facility for loading and unloading of materials shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Dedicated parking facility for loading and unloading of materials has been provided near the factory main gate. Inside the plant premises, there is a parking facility for light vehicles only. We have also developed good traffic management system for incoming and outgoing vehicles to avoid congestion on the public road and it is also maintained regularly in systematic manner. Annexure- IV Picture of parking area.

S.No.	Specific Conditions	Compliance
xiv	As proposed, green belt over 13 acre of the total project area shall be developed within plant premises with at least 10 mtr wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	As proposed, green belt of 12 acre of the total project area has been developed within plant premises till now and more plantation is also in progress with at least 10- mtr – wide green belt on all sides along the periphery of the project area, in downward direction, and along with road sides etc. Selection of plant species has been done as per the CPCB guidelines in consulting with the DFO Boudh district.
xv	All the commitments made during the public Hearing/public consultation meeting held on 11th March, 2016 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	Noted and this is ongoing process and being complied regularly by company's management directions. Annexure- V Picture of green belt
xvi	At least 5 % of the total cost of the project shall be earmarked towards the enterprise social Commitment (ESC) based on local needs particularly village named Ramvikata and Titerikata and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.	Noted and this is ongoing process and being complied regularly in nearby local areas. Considering the children as the future of the Boudh District, we have distributed the study materials to the students also provided digital classrooms in nearby schools. Annexure VI - Picture of digital classrooms in schools.

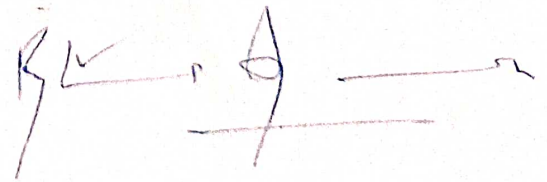
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S.No	General Conditions	Compliance
i	The project authorities must strictly adhere to the stipulations made by the State pollution Control Board (SPCB), State Government and any other statutory authority.	Noted and being complied as per guidelines accordingly. We are complying to the stipulations made by SPCB, State Govt. and other Statutory authority to the best of our effort.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and being complied regularly.
iii	The locations of Ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Noted and being complied. NABL Accredited laboratory has been given contract already for certification of Ambient Air quality report on monthly basis. This report is being submitted on monthly basis to OSPCB State Office, Bhubaneswar and Regional Office, Bolangir.
iv	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 confirm to the standards prescribed under Environment (protection) Act, 1986 Rules, 1989 viz. 75 dBA (night time)	We are regularly measuring as well as maintaining noise level within the limit.
v	The company shall harvest rain Water from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Noted and being complied. Twelve Nos. of rain water harvesting pit have been provided at project site to recharge the ground water during rainy season.

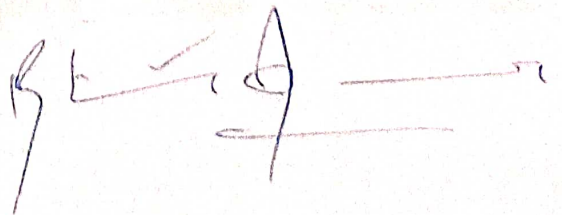
S.No.	General Conditions	Compliance
vi	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Noted and being Complied. Training on Health and safety aspect is being conducted periodically and records are maintained accordingly. Annexure - VII Picture of health and safety training.
vii	Usage of personal protection Equipment's (PPE's) by all employees/workers shall be ensured.	Noted and being complied. We have provided all kind of PPEs to the site workers like safety shoes, safety helmets, safety belt, hand gloves, safety goggles, noise mask, ear muffs and Proximity suits etc.
viii	The company shall also 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, risk mitigation measures and public hearing relating to the project shall be implemented.	Noted and being complied. All measures have been taken like – 1. We have setup Effluent treatment plant (ETP) which is fully operational. 2. Electro static precipitators (ESPs) - installed for complete abatement of air pollution. 3. Not using ground water for production. 4. Distillery spent wash is processed to make as cattle feed (DDGS) and sold as by products. 5. Three layers of sapling planted in the total boundary area for green belt. 6. Continuous Emission Online (CEOMS) monitoring system are installed as well as data is being transferred to CPCB as well as SPCB.



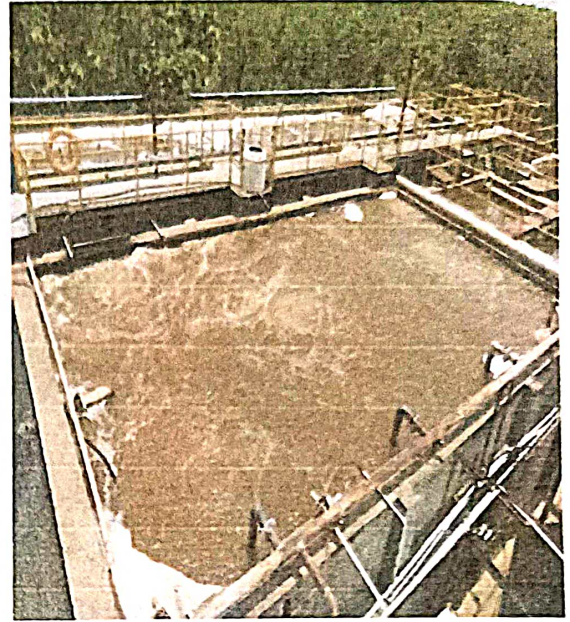
<u>S.No.</u>	<u>General Conditions</u>	<u>Compliance</u>
xii	As proposed, the company shall earmark sufficient funds towards capital cost and recurring cost/annum to implement the conditions stipulated by the ministry of Environment and Forests as well as State Government along with the implementation 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.	Capital cost for Environment protection for proposed project: Rs. 13.0 Crores.
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned panchayat, Zila parishad/Municipal Corporation, Urban local Body and the local NGO, if any, From who suggestions/representations, if any, were received while processing the proposal.	Noted and Complied.
xiv	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 are hard copy as by e-mail) to the respective Regional Office of MoEF, The respective Zonal Office of CPCB and the state pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Noted and being complied.
xv	The Environmental Statement for each financial year ending 31 st 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 Office of MoEF by e-mail.	Noted and Being Complied.



<u>S.No</u>	<u>General Conditions</u>	<u>Compliance</u>
xvi	<p>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 at http://envfor.nic.in. this shall be advertised within seven days from the date of issue of the clearance letter, at least 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.</p>	<p>Advertisement had been given in the two local newspapers namely THE TELEGRAPH (English) and NITIDIN (Oriya) on 14.11.2016</p>
xvii	<p>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.</p>	<p>Noted and Being Complied.</p>



Annexure I – Picture of ETP

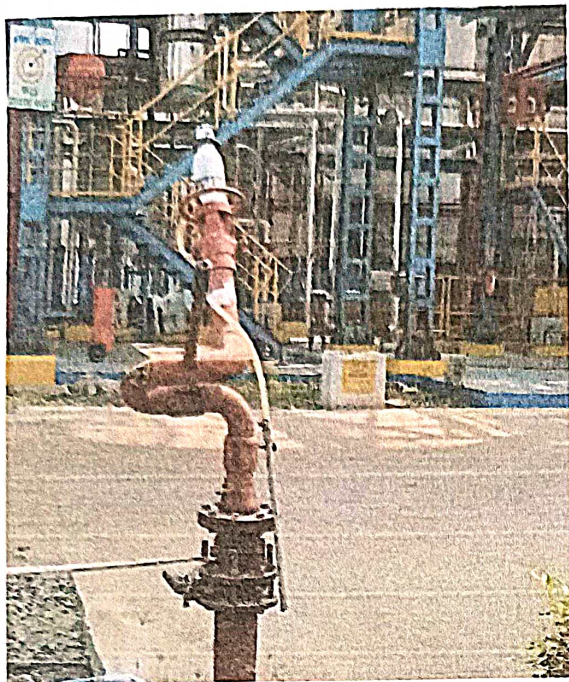


Annexure II – Picture of ash silo



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Annexure III – Picture of fire fighting



Annexure IV – Picture of parking area

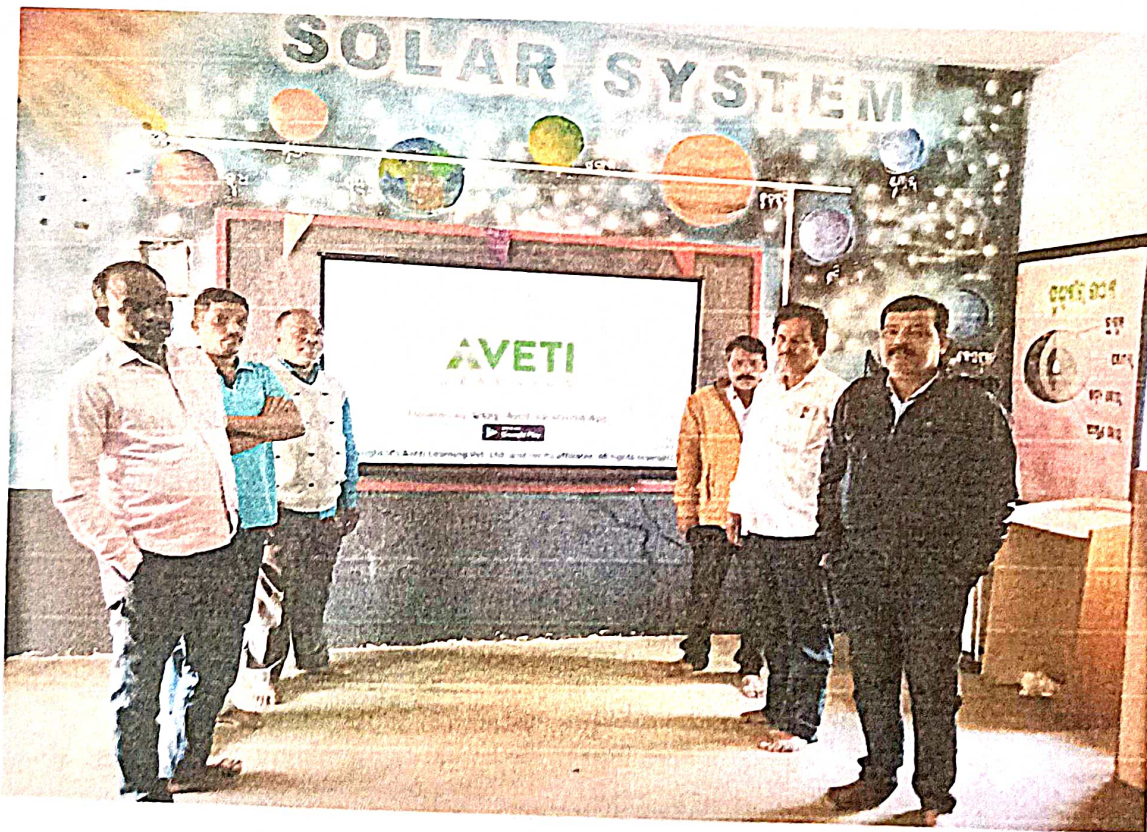


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Annexure V – Picture of green belt



Annexure VI - Picture of Digital Classrooms in schools.



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Annexure VII – Picture of Safety Training



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