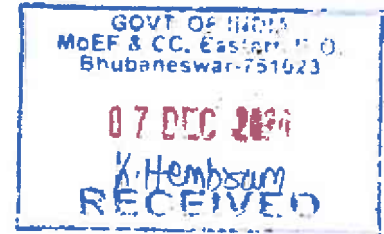




Date: 5th Dec 2020

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



Sub: Submission of Six Monthly Environmental Compliance Status Report

M/s Boudh Distillery Pvt. Ltd for the period April-2020 to Sep-2020.

Ref: Letter No.J-11011/160/2015-IA II (I) dated 28th October 2016.

Dear Sir,

With reference to the above subject we are hereby submitting 6th monthly compliance report as per 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 (2x60 KLPD) along with Co-generation Power Plant (2x2.5 MW) to Boudh Distillery Pvt. Ltd., at Village Titerikata, post- Ramvikata, Tehsil-Harbhanga, District- Boudh, Odisha.

Our Project will be implemented in two phases:

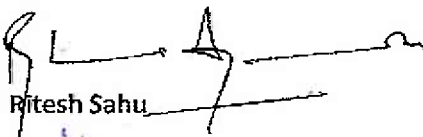
Phase- 1: 60 KLPD and 2.5MW Captive Power Plant (Fully Commissioned)

Phase 2: 60 KLPD and 2.5MW Captive Power Plant (Future plan)

Requesting you to accept the report

With Regards,

For Boudh Distillery Private Limited


Ritesh Sahu
Managing Director



Copy to: State Pollution Control Board, Bhubaneswar.

Regional Office, State Pollution Control Board (Modipara, Sambalpur)

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 Environmental Clearance related to
complying Specific and General conditions for
the period-

(From April 1st 2020 to Sep 30th 2020)

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

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 (2x60k|pd) along with co-generation Power plant (2x2.5 MW) to Boudh Distillery Pvt Ltd.. at village Titerikata, post-Ramvikata, Tehsil-Harabhang, District-Boudh, Odisha Pin-762024

A. Specific Conditions Period of report: April 1st 2020 to Sep 30th 2020

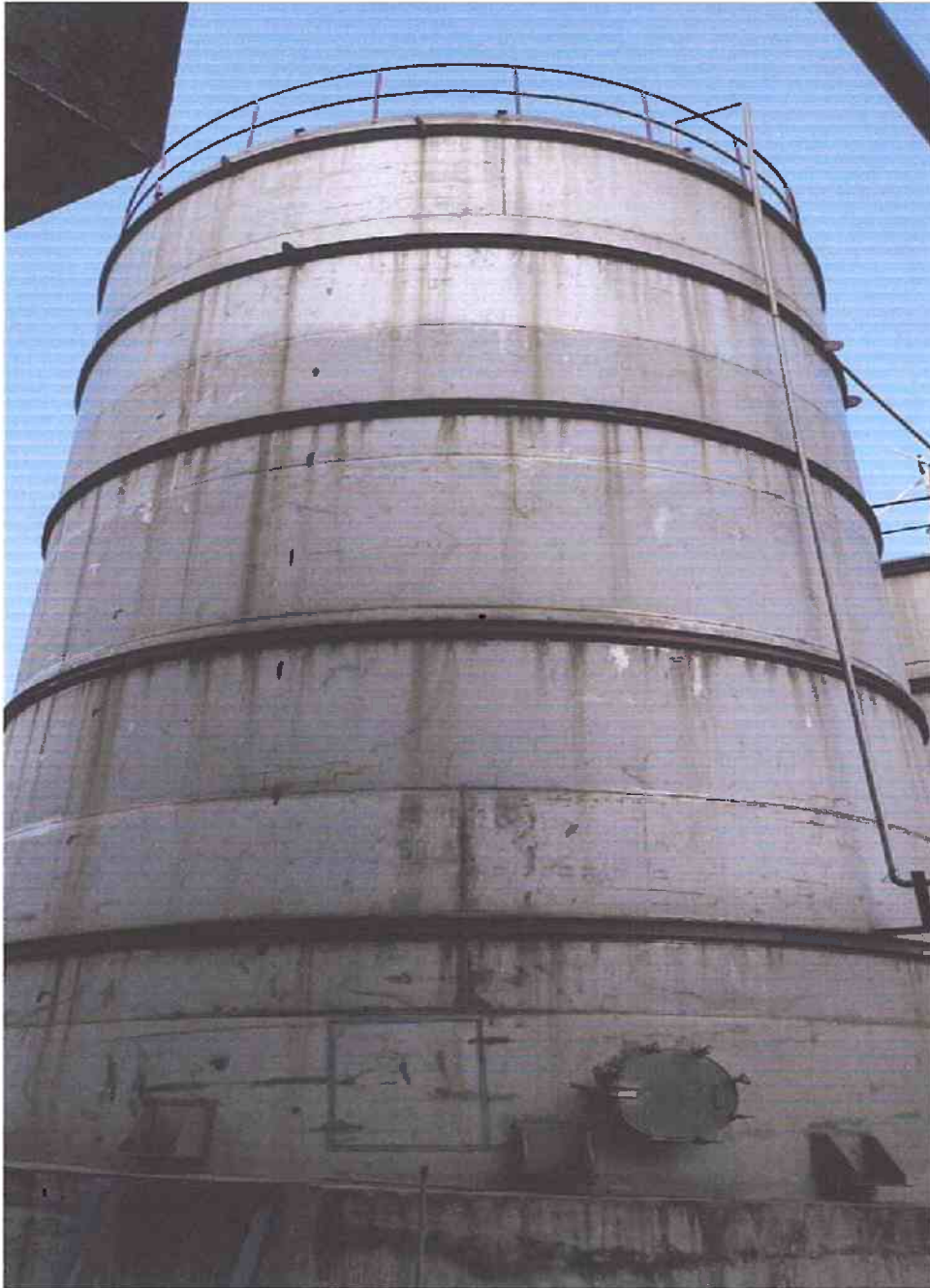
S.No.	Specific conditions	Compliance
i.	ESP along with stack of adequate height shall be provided to coal/biomass fired boiler to control particulate emission with 50mg/Nm ³	We do here by confirm that ESP having 04 nos. field along stack of 45 mtr to coal/biomass fired Boiler has been provided to control particulate Emission within 50mg/Nm ³
ii.	Total fresh water requirement of 1200m 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 1200m ³ /day will be met from Mahanadi only. We also confirm that no ground water will be used for our Process purpose.
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.	<p align="center"><u>Noted and being Complied.</u></p> <p>The spent wash generation from distillery is also 6kl/kl of Alcohol. 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 and again send back to process. The Effluent was treatment in ETP and The Effluent Treated water is used as make-up for Cooling Towers.</p> <p>Annexure-I Pictures of ETP, Cooling Towers</p>

Annexure-I Picture of ETP & Cooling Tower



<u>S.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	<p><u>Noted and Being Complied</u></p> <p>Already installed SS Tank for spent wash, Capacity of spent wash Tank- 280 m3 volume.</p> <p>Annexure-ii Picture of Spent wash SS tank.</p>
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.	<p>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 4 R'S (Reduce, reuse, recycle and Recover).</p> <p>Annexure-iii Picture of 4R System</p>
vi	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	<p>We do here by confirm the Distillery process effluent/any waste water is not allowed to mix with storm water. Storm water is being passed through guard pond.</p>

Annexure-ii Picture of SS Spent Wash Tank



Annexure-iii Picture of 4R initiative



S.No.	Specific Conditions	Compliance
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.	We are not using ground water to process the plant. Hence we have not installed Piezometers.
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	We have completed commissioning of our phase-I i.e Distillery unit of 60KLPD and 2.5 MW Captive Power plant test running started in June 2018 and after attending to all snags, the final commissioning/commercial production started from 1 st Sep 2018. 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 will be uploaded in company's Web site and will also be 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 boiler.
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, ash is stored separately 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 manufacturer. Annexure- iv picture of ash silo

Annexure-iv Picture of Ash Silo Storage



<u>S.No.</u>	<u>Specific Conditions</u>	<u>Compliance</u>
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 been made to control fire from the alcohol storage tank/areas. A DMP (Disaster management Plan) has been prepared Annexure- v 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. First Aid Boxes are provided in plant premises. Form31A - which is related to Employee health record is been maintained for all the employees.
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. Truck parking and inside the plant premises there is a parking facility for light vehicles. 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. Annexure- vi Picture of parking area.

Annexure-v Picture of Fire-Fighting



Picture of Fire-Fighting

EXIM

WHAT IS RACE ?

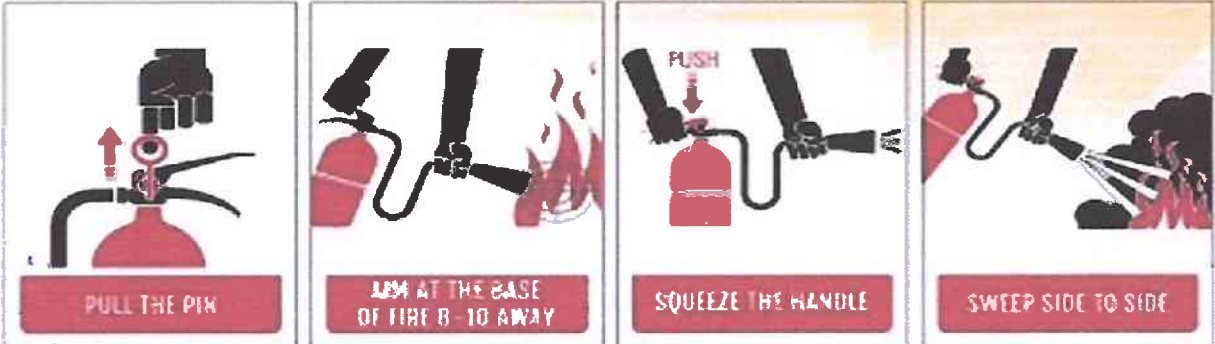
RESCUE ALARM CONFINE EXTINGUISH



ONE RACE YOU HAVE TO WIN

EXIM

WHAT IS PASS ?



PULL THE PIN

AIM AT THE BASE OF FIRE 8-10 AWAY

SQUEEZE THE HANDLE

SWEEP SIDE TO SIDE

Picture of Fire-Fighting Training to Workers



Picture of Alcohol Storage Tank Water Sprinkler System



Annexure-vi Picture of Parking Area

Picture of Car Parking



Picture of Truck Parking



<u>S.No.</u>	<u>Specific Conditions</u>	<u>Compliance</u>
xiv	As proposed, green belt over 12 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 and more plantation is 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 road sides etc. Selection of plant species has been done as per the CPCB guidelines in consulting with the DFO Boudh district. Annexure-vii Picture of green belt
xv	All the commitments made during the public Hearing/public consultation meeting held on 11 th 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.
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 areas.

Annexure-vii Picture of Green Belt



Plantation Tree on 05th June 2020 Environment Day



Picture of Gardening Area near Temple



Picture of Green House Plants



GENERAL CONDITIONS-

<u>S.No</u>	<u>General Conditions</u>	<u>Compliance</u>
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. No expansion and any modification in the already proposed project could be done till now. It is as per prior submission only.
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, Sambalpur, Sample copy of the report is Attached herewith.
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. Annexure- viii Picture of RWH

Annexure-viii Picture of Rain Water Harvesting



<u>S.No.</u>	<u>General Conditions</u>	<u>Compliance</u>
vi	<p>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,</p>	<p>Noted and being Complied. Training on Health and safety aspect is being conducted periodically and records are maintained.</p> <p>Annexure- ix Picture of health and safety training.</p>
vii	<p>Usage of personal protection Equipment's (PPE's) by all employees/workers shall be ensured.</p>	<p>Noted and being complied. We have provided all kind of PPEs like safety shoes, safety helmets, safety belt, hand gloves, safety goggles, nose mask, ear muffs and Proximity suits etc.</p> <p>Annexure- x Picture of PPE's</p>

Annexure-ix Picture of Health & Safety



Safety of Employees amid COVID-19



Picture of CSR Activity

1. Blood Donation In Amid Covid-19 Period at Govt. Hospital Boudh.



2. Health Checkup For Near By Villagers



Picture of PPEs for Chemical Dosing



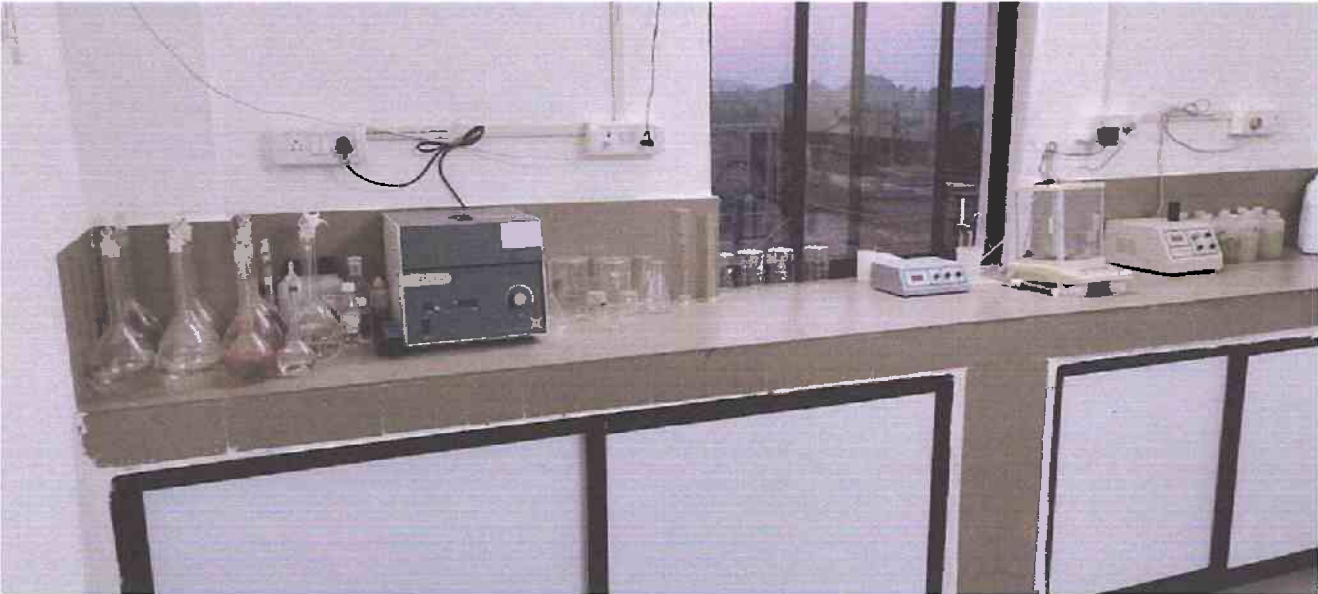
Annexure-x Picture of PPE's



<u>S.No.</u>	<u>General Conditions</u>	<u>Compliance</u>
viii	<p>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.</p>	<p>Noted and being complied. All measures have been taken like -</p> <ol style="list-style-type: none"> 1. We have setup Effluent treatment plant (ETP) which is fully operational at the time of commencement of commercial production. 2. Electro static precipitator (ESP) is installed for 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.

S.No.	General Conditions	Compliance
ix	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Noted and we have also taken initiatives to provide drinking mineral water facility in nearby schools, temples and medical center. We have also entered into agreement with local society for providing scholarship (BIDWAN) to meritorious students in nearby schools. We have also distributed school bags to the students at nearby schools.
x	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted and this is ongoing process and being complied without any failure.
xi	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be setup to carry out the environmental Management and Monitoring functions.	Noted and Complied. Environment management committee has been framed to carry out the environmental management and monitoring system. We have setup a laboratory to check the parameters in Effluent like pH, COD, BOD, Ts, TDS, Conductivity, VA-Fatty Acid, Alkaline, Acidity, Hardness, Silica and Turbidity etc. Environmental Management cell is headed by our plant head. Meanwhile we are also giving training to our employees for in house management and monitoring of environmental parameters. We are also providing trainings to our employees by Environment Experts from outside for securing in house management and monitoring of Environment. Annexure-xi picture of ETP Lab.

Annexure-xi Picture of ETP Lab



<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, Zilaparisad/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. We have submitted the report for the below mentioned period: 1. Oct' 2016 to Mar' 2017 2. Apr' 2017 to Sep' 2017 3. Oct' 2017 to Mar' 2018 4. Apr' 2018 to Sep' 2018 5. Oct' 2018 to Mar' 2019 6. Apr' 2019 to Sep' 2019 7. Oct' 2019 to Mar' 2020 8. April' 2020 to Sep' 2020 (Current report)
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.

S.No	General Conditions	Compliance
xvi	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.	Advertisement had been given in the two local newspapers namely THE TELEGRAPH (English) and NITIDIN (Oriya) on 14.11.2016
xvii	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.	Noted and Being Complied.



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

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Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha
Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India)
MoEF&CC, Govt. of India. Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Report No. - CEMC/BDPL/031120/A1

Issued Date-03.11.2020

AMBIENT AIR QUALITY MONITORING TEST REPORT

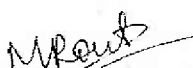
Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Work Order No.	WO20-21\0004
Reference No.	CEMC-03112020A1
Nature of Sampling	Ambient Air Sample
Sampling By	B.Samantaray
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter and Gaseous Attachment
Location of Sampling	Near Pump House & ESP
Sampling Date	25.10.2020

ANALYSIS RESULT

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	66.4	100	Gravimetric method
02	Particulate Matter (PM _{2.5})	µg/m ³	31.6	60	Gravimetric Method as per CPCB
03	Sulphur Dioxide (SO ₂)	µg/m ³	11.2	80	Improved West and Gaeke method
04	Oxides of Nitrogen (NO _x)	µg/m ³	15.6	80	Modified Jacob & Hochheiser (Na-Arsenite method)
05	Carbon Monoxide (CO)	mg/m ³	0.5	4.0	Followed by NDIR

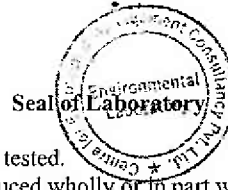
*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report


Authorized Signatory

Notes:

- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.



Environmental Studies (EIA & EMP), Monitoring, Forest Diversions Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS & GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail: ccmc_consultancy@yahoo.co.in, ccmc122@gmail.com, website: www.ccmc.in.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: ccmc1ah@yahoo.in, Mobile: 7752014842



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MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Report No. - CEMC/BDPL/031120/A2

Issued Date 03.11.2020

AMBIENT AIR QUALITY MONITORING TEST REPORT

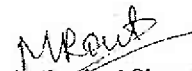
Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Work Order No.	WO\20-21\0004
Reference No.	CEMC-03112020A2
Nature of Sampling	Ambient Air Sample
Sampling By	B.Samantaray
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter and Gaseous Attachment
Location of Sampling	Near Administrative Building
Sampling Date	25.10.2020

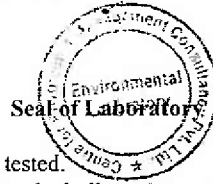
ANALYSIS RESULT

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	63.8	100	Gravimetric method
02	Particulate Matter (PM _{2.5})	µg/m ³	30.4	60	Gravimetric Method as per CPCB
03	Sulphur Dioxide (SO ₂)	µg/m ³	10.4	80	Improved West and Gaeke method
04	Oxides of Nitrogen (NO _x)	µg/m ³	14.2	80	Modified Jacob & Hochheiser (Na-Arsenite method)
05	Carbon Monoxide (CO)	mg/m ³	0.5	4.0	Followed by NDIR

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report


Authorized Signatory



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Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS & GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- ccmc_consultancy@yahoo.co.in, ccmc122@gmail.com, website: www.ccmc.in.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: ccmclab@yahoo.in, Mobile: 7752014842



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Report No. - CEMC/BDPL/031120/A3

Issued Date-03.11.2020

AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Work Order No.	WO\20-21\0004
Reference No.	CEMC-03112020A3
Nature of Sampling	Ambient Air Sample
Sampling By	B.Samantaray
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter and Gaseous Attachment
Location of Sampling	Near Main Gate
Sampling Date	25.10.2020

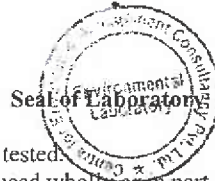
ANALYSIS RESULT

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	72.2	100	Gravimetric method
02	Particulate Matter (PM _{2.5})	µg/m ³	35.8	60	Gravimetric Method as per CPCB
03	Sulphur Dioxide (SO ₂)	µg/m ³	11.8	80	Improved West and Gaeke method
04	Oxides of Nitrogen (NO _x)	µg/m ³	16.2	80	Modified Jacob & Hochheiser (Na-Arsenite method)
05	Carbon Monoxide (CO)	mg/m ³	0.6	4.0	Followed by NDIR

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report


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Report No. - CEMC/BDPL/031120/St

Issued Date-03.11.2020

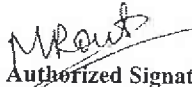
STACK EMISSION MONITORING TEST REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Work Order No.	WO20-21\0004
Reference No.	CEMC-03112020St
Nature of Sampling	Source Emission
Sampling By	B.Samantaray
Instrument Used	Stack monitoring kit, Flue gas Analyzer
Sampling Date	30.10.2020
Location of Sampling	BOILER

ANALYSIS RESULT

Sl. No	Items	Result	Testing Method
01	Flue Gas Temp. in K	357	--
02	Average flue gas Velocity in m/sec	9.85	--
03	Differential Pressure in mmH ₂ O	6.8	Wet dry bulb
04	Particulate Matter (PM) in mg/Nm ³	44.2	Gravimetric Method
05	Nitrogen Oxide (NO _x) in ppm	82	Flue Gas Analyzer
06	Sulphur Dioxide (SO ₂) in ppm	142	Flue Gas Analyzer
07	Carbon Dioxide (CO ₂) in %	12.95	Flue Gas Analyzer
08	Carbon Monoxide (CO) in ppm	74	Flue Gas Analyzer

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Report No. - CEMC/BDPL/031120/W1

Issued Date-03.11.2020

WASTE WATER TEST REPORT

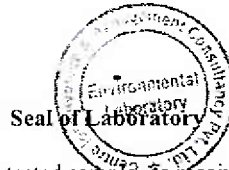
Name & Address of the Client : M/s. Boudh Distillery Pvt. Ltd., Boudh
Work order No. : WO\20-21\0004
Date of Sampling : 25.10.2020
Date of Sample Received : 26.10.2020
Date of Analysis : 26.10.2020 to 31.10.2020
Sample Quantity : 1.0 Ltr
Location : PST (ETP Inlet)
Reference No. : CEMC-03112020W1

ANALYSIS RESULT

Sl. No.	Parameter	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H ⁺ B	5.33
2.	Total Suspended Solids	mg/l	APHA 2540 D	110.6
3.	B.O.D for 3 days @ 27°C	mg/l	APHA 5210 B	320
4.	C.O.D	mg/l	APHA 5220 C	3300
5.	Oil & Grease	mg/l	APHA 5520 B	3.8

End of Report


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Report No. - CEMC/BDPL/031120/W2

Issued Date-03.11.2020


WASTE WATER TEST REPORT

Name & Address of the Client : M/s. Boudh Distillery Pvt. Ltd., Boudh
Work order No. : WO\20-21\0004
Date of Sampling : 25.10.2020
Date of Sample Received : 26.10.2020
Date of Analysis : 26.10.2020 to 31.10.2020
Sample Quantity : 1.0 Ltr
Location : RO Permeate
Reference No. : CEMC-03112020W2

ANALYSIS RESULT

Sl. No.	Parameter	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H ⁺ B	7.62
2.	Total Suspended Solids	mg/l	APHA 2540 D	<5
3.	B.O.D for 3 days @ 27°C	mg/l	APHA 5210 B	3.6
4.	C.O.D	mg/l	APHA 5220 C	20
5.	Oil & Grease	mg/l	APHA 5520 B	<1

End of Report


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Report No. - CEMC/BDPL/031120/W3

Issued Date-03.11.2020

WASTE WATER TEST REPORT

Name & Address of the Client : M/s. Boudh Distillery Pvt. Ltd., Boudh
Work order No. : WO\20-21\0004
Date of Sampling : 25.10.2020
Date of Sample Received : 26.10.2020
Date of Analysis : 26.10.2020 to 31.10.2020
Sample Quantity : 1.0 Ltr
Location : ETP Final Reject
Reference No. : CEMC-03112020W3

ANALYSIS RESULT

Sl. No.	Parameter	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H ⁺ B	8.43
2.	Total Suspended Solids	mg/l	APHA 2540 D	12.2
3.	B.O.D for 3 days @ 27°C	mg/l	APHA 5210 B	12
4.	C.O.D	mg/l	APHA 5220 C	80
5.	Oil & Grease	mg/l	APHA 5520 B	<1

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