



**BOUDH DISTILLERY PVT. LTD.**

www.boudhdistillery.com  
info@boudhdistillery.com

**16<sup>th</sup> Dec'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  
**April, 2024 to September, 2024.**

**Ref :-** Letter No- J-11011/160/2015-IA II (I) dated 28<sup>th</sup> Oct,2016

Respected Sir,

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

This is for your kind information and necessary action.

Thanking You!

Yours faithfully

M/s Boudh Distillery Pvt Ltd

Boudh Distillery Pvt. Ltd.

Managing Director

( Ritesh Sahu )



**Copy to The Member Secretary, State Pollution Control Board, Bhubaneswar for kind information**

**Copy to The Regional Office, SPCB, Bolangir for kind information.**

BOUDH DISTILLERY PVT. LTD.

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

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

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

ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018

Six Monthly Environmental Compliance Report  
of Conditions in Environmental Clearance

(April'2024 to Sep'2024)

of

M/S Boudh Distillery Pvt Ltd

Village: Ramvikata, P.O. Titerikata,

Tehsil: Harbhanga, Distt: Boudh, Odisha,

Pin762024

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

Boudh Distillery Pvt. Ltd.  
Managing Director

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 28<sup>th</sup> 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: April'2024 to Sept'2024

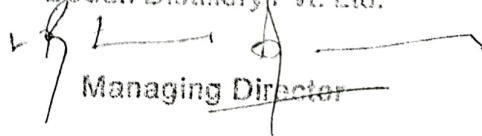
S.No.	Specific conditions	Compliance
i.	ESP along with stack of adequate height shall be provided to coal/biomass fired boiler to control particulate emission with 50mg/Nm <sup>3</sup>	We do here by confirm that 02 No. of ESP having 08 nos. fields total along stack of 58 metre to coal/biomass fired Boiler has been provided to control particulate emission within 50 mg/Nm <sup>3</sup> limits
ii.	Total fresh water requirement of 1200 m <sup>3</sup> /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 <sup>3</sup> /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. <b>Annexure - I : Pictures of ETP.</b>

Boudh Distillery Pvt. Ltd.

Managing Director

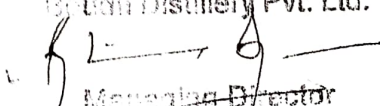
Sl.No	Specific Conditions	Compliance
iv	Spent wash shall be stored in SS tank. The storage of spent wash shall not exceed for 5 days' capacity	Installed SS Tank for spent wash storage and its, capacity of spent wash Tank - 280 m3 volume as an intermediate tank or holding/storage tank.
v	As proposed, 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. We also installed SRTS for storm water.
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.

Boudh Distillery Pvt. Ltd.

  
Managing Director

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. <b>Annexure- II : Picture of Ash Silo.</b>
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. <b>Annexure- III : Picture of Fire-Fighting.</b>
xii	Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first Aid Facilities in the occupational health centre 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. <b>Annexure- IV : Picture of Parking Area.</b>

B. Sudh Distillery Pvt. Ltd.

  
Managing Director

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 12.5 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. <b>Annexure- V : Picture of Green Belt.</b>
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 in nearby schools. <b>Annexure VI - Picture of study material distribution in schools.</b>

Boudh Distillery Pvt. Ltd.

Managing Director

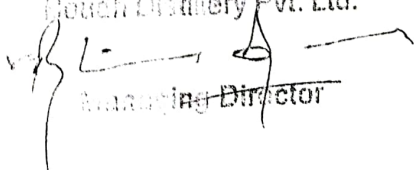
S.No	General Conditions	Compliance
i	The project authorities must strictly adhere to the stipulations made by the State pollution Control Board (SPCB), State Government and any other statutory authority.	Noted and being complied as per guidelines accordingly. We are complying to the stipulations made 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 conform 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.

Boudh Distillery Pvt. Ltd.

  
Managing Director

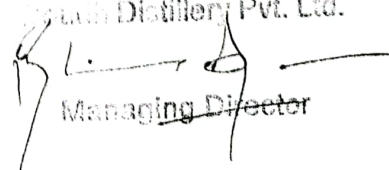
S.No.	General Conditions	Compliance
vi	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Noted and being Complied. Training on Health and safety aspect is being conducted periodically and records are maintained accordingly <b>Annexure - VII Picture of Health and Safety training.</b>
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.

Houch Distillery Pvt. Ltd.

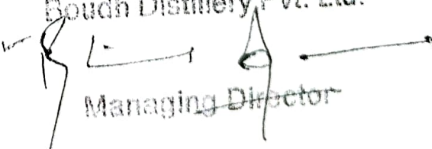
  
Managing Director



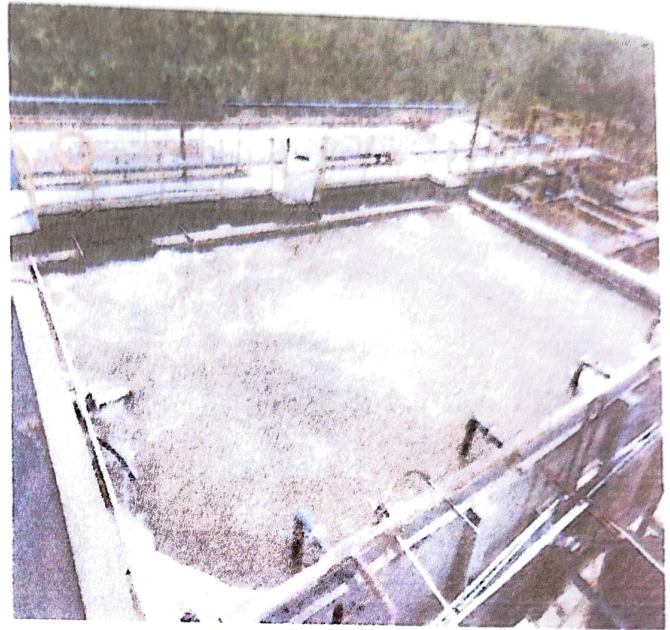
S.No.	General Conditions	Compliance
xii	As proposed, the company shall earmark sufficient funds towards capital cost and recurring cost/annum to implement the conditions stipulated by the ministry of Environment and Forests as well as State Government along with the implementation schedule for all the 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 <sup>st</sup> March in <b>Form-V</b> 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.

  
 Managing Director  
 Distillery Pvt. Ltd.

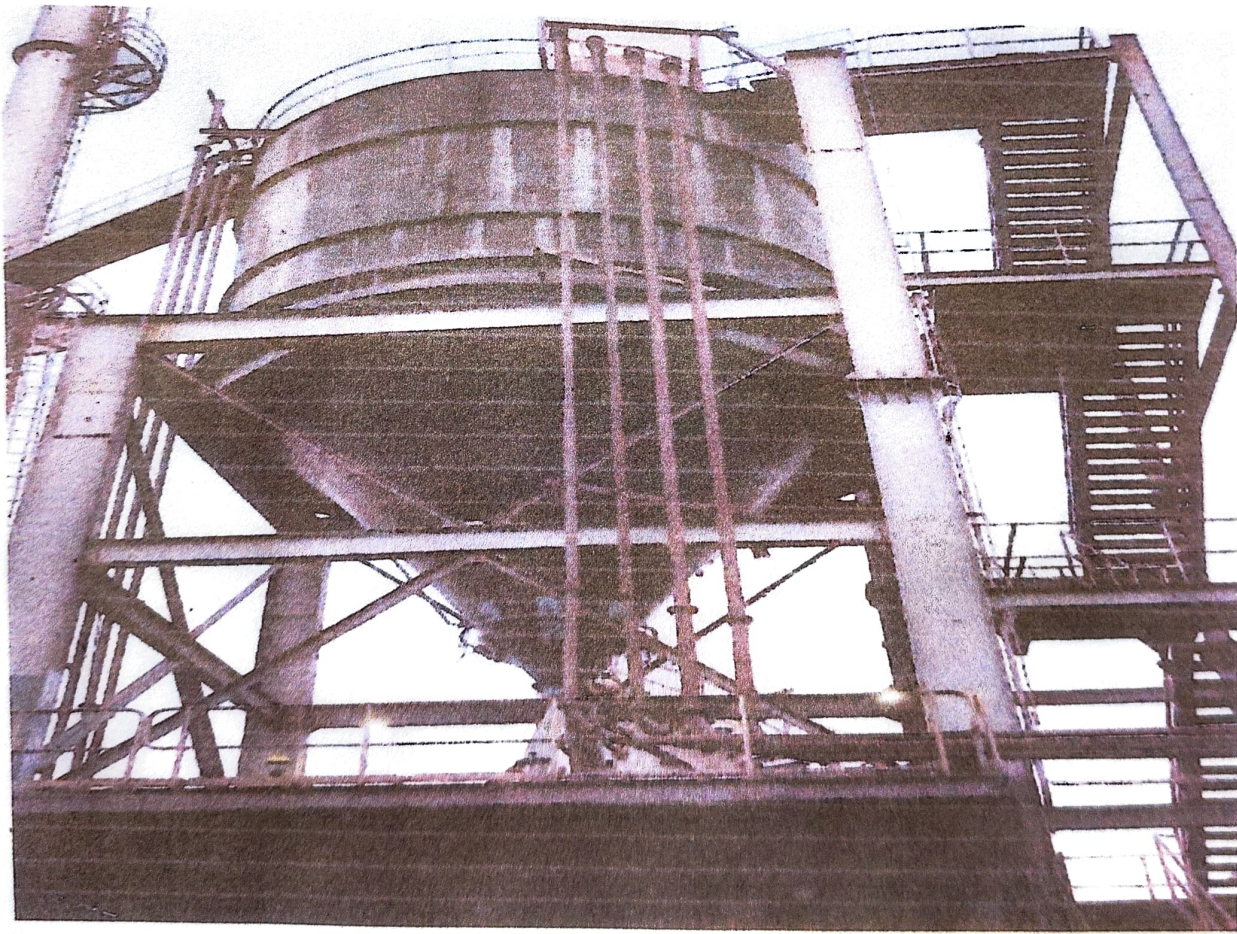
<u>S.No</u>	<u>General Conditions</u>	<u>Compliance</u>
xvi	<p>The project proponent shall inform the public that the project has been accorded Environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. 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>

Boudh Distillery Pvt. Ltd.  
  
 Managing Director

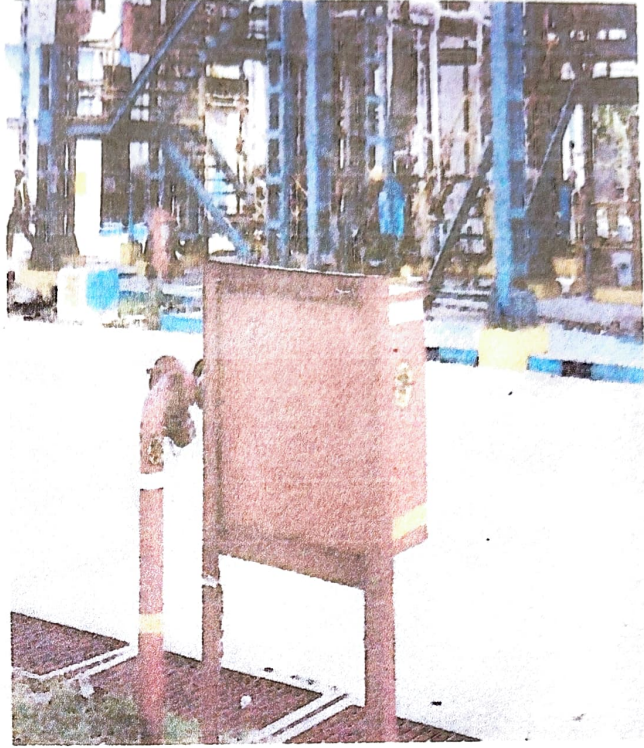
**Annexure I – Picture of ETP:**



**Annexure II – Picture of Ash Silo:**



**Annexure III – Picture of Fire Fighting:**



**Annexure IV – Picture of Parking Area:**



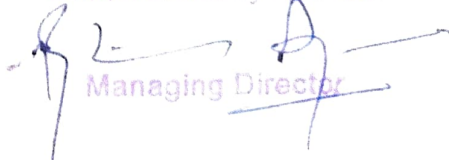
**Annexure V – Picture of Green Belt**



**Annexure VI - Picture of study material distribution in Schools:**



Boudh Distillery Pvt. Ltd.

  
Managing Director

**Annexure VII – Picture of Safety Training :**





TC-13501

# CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001:2015 & OHSAS 18001:2014 Certified Company. Empowered with C-EL, ORSAT and SPCC approval. Recognized  
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Established in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India).  
Mott & Mott, Govt. of India. Recognised Environment Laboratory under Environment (Protection) Act, 1986 & NABET Accredited Laboratory.

Report No. - CEMC/BDPL/301124/A1

Issued Date-30.11.2024

## AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024A1
Nature of Sampling	Ambient Air Sample
Sampling By	Mr. Ayan Jana
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, NDIR and Gaseous Attachment
Location of Sampling	Near Pump House & ESP
Sampling Date	15.11.2024 to 16.11.2024
Date of Sample Receiving	16.11.2024
Date of analysis	18.11.2024 to 22.11.2024
URL No.	TC135012400000977F

### ANALYSIS RESULT

Sl. No.	Parameters	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	73.4	100	IS 5182 (PART-23)
02	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	37.2	60	IS:5182(P-24)
03	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	10.02	80	IS 5182 (PART-2)
04	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	15.34	80	IS 5182 (PART-6)
05	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.4	4.0	IS 5182 (PART-10)

\*NAAQ (National Ambient Air Quality Standard as per 18<sup>th</sup> Nov, 2009 Gatt. Notification)

**\*End of Report\***

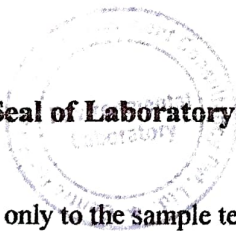
*Subha*  
Analyzed By  
Subhadarsini Behera

Seal of Laboratory

*BDDas*  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

#### 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 Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS & GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: Plot No.-522/3458, Near Utkal Hyundai, Opposite Apex College, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 9861032826

E-mail- cemc\_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 7752014842

E-mail: cemclab@yahoo.in

Boudh Distillery Pvt. Ltd.

*BDDas*  
Managing Director



# CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.



TC-13501

An ISO 9001:2015 & OHSAS 45001:2018 Certified Company. Empowered with O.C.C. (OP) & C and BPOA of Govt. of Orissa. Accredited by NABL (C) for EIA Studies as 'A' Category Consultant Organization. Empowered with P.C.P/W (Urban & R/W) W. Odisha. Enlisted in Construction Industry Development Council (CIDCI) established by the Planning Commission (Govt. of India). M.F.A.C.C. Govt. of India. Recognised Environment Laboratory under Environment (Protection) Act, 1986 & NABL Accredited Laboratory.

**Report No. - CEMC/BDPL/301124/A2**

**Issued Date-30.11.2024**

## AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	<b>M/s. Boudh Distillery Pvt. Ltd., Boudh</b>
Reference No.	<b>CEMC-30112024A2</b>
Nature of Sampling	<b>Ambient Air Sample</b>
Sampling By	<b>Mr. Ayan Jana</b>
Instrument Used	<b>Respirable Dust Sampler, Fine Dust Sampler, NDIR and Gaseous Attachment</b>
Location of Sampling	<b>Near Administrative Building</b>
Sampling Date	<b>15.11.2024 to 16.11.2024</b>
Date of Sample Receiving	<b>16.11.2024</b>
Date of analysis	<b>18.11.2024 to 22.11.2024</b>
URL No.	<b>TC135012400000978F</b>

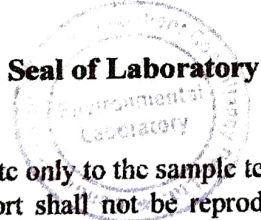
### ANALYSIS RESULT

Sl. No.	Parameters	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	68.2	100	IS 5182 (PART-23)
02	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32.8	60	IS:5182(P-24)
03	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	8.24	80	IS 5182 (PART-2)
04	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	15.16	80	IS 5182 (PART-6)
05	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.22	4.0	IS 5182 (PART-10)

*\*NAAQ (National Ambient Air Quality Standard as per 18<sup>th</sup> Nov, 2009 Gatt. Notification)*

**\*End of Report\***

*Subhadarsini*  
Analyzed By  
Subhadarsini Behera



*B. Das*  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

**Notes:**

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

Regd. Office: Plot No.-522/3458, Near Utkal Hyundai, Opposite Apex College, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 9861032826

E-mail- cemc\_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in.

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

*B. Das*  
Managing Director





# CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

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Recognized by NABET (GCI) for EIA Studies as 'A' Category Consultant Organization, Imparted with PTC/FW/01/01/16, W.W. Odisha  
registered in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India),  
MUT&CC, Govt. of India, Recognized Environment Laboratory, under Environment (Protection) Act, 1986 & NABL Accredited Laboratory

TC-13501

Report No. - CEMC/BDPL/301124/A3

Issued Date-30.11.2024

## AMBIENT AIR QUALITY MONITORING TEST REPORT


Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024A3
Nature of Sampling	Ambient Air Sample
Sampling By	Mr. Ayan Jana
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, NDIR and Gaseous Attachment
Location of Sampling	Near Main Gate
Sampling Date	15.11.2024 to 16.11.2024
Date of Sample Receiving	16.11.2024
Date of analysis	18.11.2024 to 22.11.2024
URL No.	TC135012400000979F

### ANALYSIS RESULT

Sl. No.	Parameters	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	79.2	100	IS 5182 (PART-23)
02	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	39.4	60	IS:5182(P-24)
03	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	13.54	80	IS 5182 (PART-2)
04	Oxides of Nitrogen (NOx)	µg/m <sup>3</sup>	19.16	80	IS 5182 (PART-6)
05	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.46	4.0	IS 5182 (PART-10)

\*NAAQ (National Ambient Air Quality Standard as per 18<sup>th</sup> Nov, 2009 Gatt. Notification)

**\*End of Report\***

  
Analyzed By  
Subhadarsini Behera  
Notes:

  
Seal of Laboratory

  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

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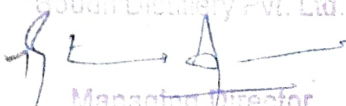
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Regd. Office: Plot No.-522/3458, Near Utkal Hyundai, Opposite Apex College, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 9861032826

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Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 7752014842

E-mail: cemclab@yahoo.in

  
Manoj Kumar  
Managing Director



TC-13501

# CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

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Report No. - CEMC/BDPL/301124/St

Issued Date-30.11.2024

## STACK EMISSION MONITORING TEST REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024St1
Nature of Sampling	Source Emission
Sampling By	Mr. Ayan Jana
Instrument Used	Stack monitoring kit, Flue gas Analyzer
Sampling Date	15.11.2024
Date of Sample Receiving	16.11.2024
Date of analysis	18.11.2024 to 22.11.2024
Location of Sampling	BOILER
URL No.	TC13501240000980F

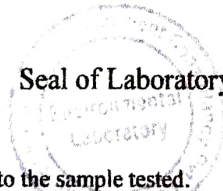
### ANALYSIS RESULT

Sl. No	Parameters	Result	Testing Method
01	Flue Gas Temp. in K	444	IS 11255 (PART-3)
02	Average flue gas Velocity in m/sec	7.07	IS 11255 (PART-3)
03	Differential Pressure in mmH <sub>2</sub> O	2.82	IS 11255 (PART-3)
04	Particulate Matter (PM) in mg/Nm <sup>3</sup>	53.6	IS 11255 (PART-1)
05	Oxides of Nitrogen (NO <sub>x</sub> ) in ppm	78.8	IS 11255 (PART-7)
06	Sulphur Dioxide (SO <sub>2</sub> ) in ppm	84.4	IS 11255 (PART-2)
07	Carbon Dioxide (CO <sub>2</sub> ) in %	6.6	IS 13270
08	Carbon Monoxide (CO) in %	<0.2	IS 13270

\*End of Report\*

Analyzed By.  
Subhadarsini Behera

Seal of Laboratory



Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

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E-mail: ccmciab@yahoo.in

Managing Director



TC-13501

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Report No. - CEMC/BDPL/301124/N1

Issued Date-30.11.2024

## NOISE LEVEL MONITORING REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024N01
Nature of Sampling	Ambient Noise Monitoring
Sampling By	Mr. Ayan Jana
Instrument Used	Noise Meter
URI No.	TC135012400000981F

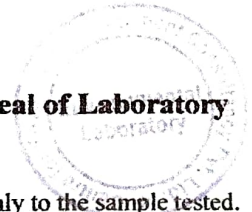
Date	Location	NL Day Time dB (A)			NL Night Time dB (A)		
		Max	Min.	Avg.	Max.	Min.	Avg.
15.11.2024	Outside of Main Gate Parking Area	69.1	63.3	66.2	64.1	59.3	61.7

## NATIONAL STANDARD OF NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

*Subhadarsini*  
Analyzed By  
Subhadarsini Behera

Seal of Laboratory



*B. Das*  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

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E-mail: cemclab@yahoo.in

Boudh Distillery Pvt. Ltd.

*[Signature]*



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TC-13501

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**Report No. - CEMC/BDPL/301124/N2**

**Issued Date-30.11.2024**

## NOISE LEVEL MONITORING REPORT

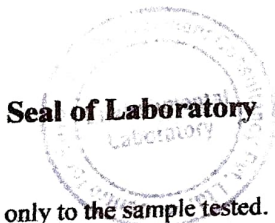
Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024N02
Nature of Sampling	Ambient Noise Monitoring
Sampling By	Mr. Ayan Jana
Instrument Used	Noise Meter
URL No.	TC135012400000982F

Date	Location	NL Day Time dB (A)			NL Night Time dB (A)		
		Max	Min.	Avg.	Max.	Min.	Avg.
15.11.2024	Process Distillation	70.8	65.2	68.0	65.2	58.6	61.9

### NATIONAL STANDARD OF NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

*Subha*  
**Analyzed By**  
Subhadarsini Behera



**Seal of Laboratory**

*BDDas*  
**Verified By/Authorized Signatory**  
Mrs. Bisnupriya Das

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*Subha*  
**Managing Director**



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Report No. - CEMC/BDPL/301124/N3

Issued Date-30.11.2024

## NOISE LEVEL MONITORING REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024N03
Nature of Sampling	Ambient Noise Monitoring
Sampling By	Mr. Ayan Jana
Instrument Used	Noise Meter
URL No.	TC135012400000983F

Date	Location	NL Day Time dB (A)			NL Night Time dB (A)		
		Max	Min.	Avg.	Max.	Min.	Avg.
16.11.2024	Boiler & Turbine Power Plant	73.2	69.4	71.3	63.4	57.8	60.6

## NATIONAL STANDARD OF NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Analyzed By  
Subhadarsini Behera

Seal of Laboratory

Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

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Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101, Odisha, India, Mobile: 7752014842

E-mail: ccmcclub@yahoo.in

Boudh Distillery Pvt. Ltd.

*(Signature)*

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NABE (Govt. of India) Recognised Environment Laboratory under Environment (Protection) Act, 1986 & NABL Accredited Laboratory

Report No. - CEMC/BDPL/301124/N4

Issued Date-30.11.2024

## NOISE LEVEL MONITORING REPORT

Name & Address of the Client	M/s. Boudh Distillery Pvt. Ltd., Boudh
Reference No.	CEMC-30112024N04
Nature of Sampling	Ambient Noise Monitoring
Sampling By	Mr. Ayan Jana
Instrument Used	Noise Meter
URI No.	TC135012400000984F

Date	Location	NL Day Time dB (A)			NL Night Time dB (A)		
		Max	Min.	Avg.	Max.	Min.	Avg.
16.11.2024	Process Milling & Pre Cleaning	70.6	63.8	67.2	60.8	53.2	57.0

## NATIONAL STANDARD OF NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

*Subha*  
Analyzed By  
Subhadarsini Behera

Seal of Laboratory

*B.P.Das*  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

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E-mail: cemclab@yahoo.in

Boudh Distillery Pvt. Ltd.

*[Signature]*  
Manager



TC-13501

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provided in Construction (Urban) Development Council (U.D.C.) established by the Planning Commission, Govt. of India,  
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Report No. - CEMC/BDPL/301124/W1


Issued Date-30.11.2024

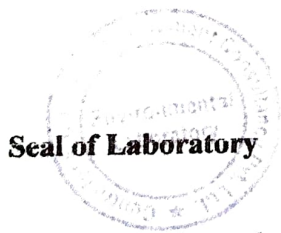
## WASTE WATER TEST REPORT

<b>Name &amp; Address of the Client</b>	<b>: M/s. Boudh Distillery Pvt. Ltd., Boudh</b>
<b>Date of Sampling</b>	<b>: 16.11.2024</b>
<b>Date of Sample Received</b>	<b>: 16.11.2024</b>
<b>Date of Analysis</b>	<b>: 16.11.2024 to 22.11.2024</b>
<b>Sample Quantity</b>	<b>: 1.0 Ltr</b>
<b>Location</b>	<b>: ETP Inlet</b>
<b>Sample Collected By</b>	<b>: Mr. Ayan Jana</b>
<b>Reference No.</b>	<b>: CEMC-30112024W1</b>
<b>URL No.</b>	<b>: TC135012400000985F</b>

## ANALYSIS RESULT

Sl. No.	Parameters	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H <sup>+</sup> B	3.97
2.	Total Suspended Solids	mg/l	APHA 2540 D	22
3.	B.O.D for 3 days @ 27°C	mg/l	IS 3025 (Part-44)	460
4.	C.O.D	mg/l	APHA 5220 C	1800
5.	Oil & Grease	mg/l	APHA 5520 B	1.2

  
Analyzed By  
Subhadarsini Behera



  
Verified By/Authorized Signatory  
Mrs. Bisnupriya Das

**Notes:**

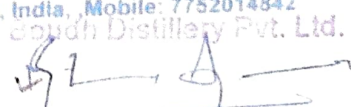
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Managing Director



TC-13501

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Report No. - CEMC/BDPL/301124/W2

Issued Date-30.11.2024

## WASTE WATER TEST REPORT

**Name & Address of the Client** : M/s. Boudh Distillery Pvt. Ltd., Boudh  
**Date of Sampling** : 16.11.2024  
**Date of Sample Received** : 16.11.2024  
**Date of Analysis** : 18.11.2024 to 22.11.2024  
**Sample Description** : Waste water  
**Sample Quantity** : 1.0 Ltr  
**Location** : RO Reject  
**Sample Collected By** : Mr. Ayan Jana  
**Reference No.** : CEMC-30112024W2  
**URL No.** : TC135012400000986F

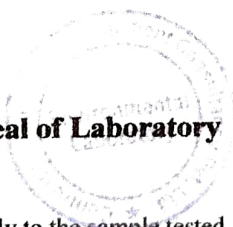
## ANALYSIS RESULT

Sl. No.	Parameters	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H <sup>+</sup> B	7.81
2.	Total Suspended Solids	mg/l	APHA 2540 D	28
3.	B.O.D for 3 days @ 27°C	mg/l	IS 3025 (Part-44)	74
4.	C.O.D	mg/l	APHA 5220 C	240
5.	Oil & Grease	mg/l	APHA 5520 B	<1

**\*End of Report\***

*Subha*  
**Analyzed By**  
Subhadarsini Behera

**Seal of Laboratory**



*B.P Das*  
**Verified By/Authorized Signatory**  
Mrs. Bisnupriya Das

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E-mail: cemclab@yahoo.in

Boudh Distillery Pvt. Ltd.

*[Signature]*  
Managing Director





TC-13501

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Report No. - CEMC/BDPL/301124/W3

Issued Date-30.11.2024

## TREATED WATER TEST REPORT

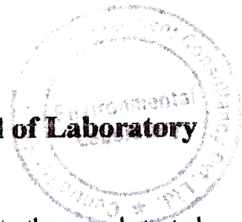
**Name & Address of the Client** : M/s. Boudh Distillery Pvt. Ltd., Boudh  
**Date of Sampling** : 16.11.2024  
**Date of Sample Received** : 16.11.2024  
**Date of Analysis** : 18.11.2024 to 22.11.2024  
**Sample Description** : Treated water  
**Sample Quantity** : 1.0 Ltr  
**Location** : RO Permeate  
**Sample Collected By** : Mr. Ayan Jana  
**Reference No.** : CEMC-30112024W3  
**URL No.** : TC135012400000987F

## ANALYSIS RESULT

Sl. No.	Parameters	Unit	Testing Method	Result
1.	pH Value @ 25°C	-	APHA 4500 H <sup>+</sup> B	7.42
2.	Total Suspended Solids	mg/l	APHA 2540 D	<5
3.	B.O.D for 3 days @ 27°C	mg/l	IS 3025 (Part-44)	18
4.	C.O.D	mg/l	APHA 5220 C	40.2
5.	Oil & Grease	mg/l	APHA 5520 B	<1

**\*End of Report\***

*Subha*  
**Analyzed By**  
 Subhadarsini Behera



**Seal of Laboratory**

*B.P Das*  
**Verified By/Authorized Signatory**  
 Mrs. Bisnupriya Das

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*[Signature]*  
**Manager Director**