



Date: 29th Sep 2023

To
The Member Secretary,
State Pollution Control Board,
A/118, Nilakantha Nagar,
Unit-VIII, Bhubaneswar, Odisha-151012

Sub: Submission of the Environmental statement in Form- V under Environmental (Protection) Rules, 1986 in respect of Boudh Distillery Private Limited for the year 2022-2023.

Dear Sir,

We are submitting herewith the Environmental Statement in Form-V, prescribed under rule 14 of the above mentioned rules, For the financial year 2022-2023 in respect of our distillery plant of Boudh Distillery Private Limited, Unit At: Titerikata, Dist- Boudh, Odisha-762024.

This is your kind information and necessary record. Thanking You.

Truly Yours,

Boudh Distillery Private Limited

Sanjay Rathi
29/09/23
SANJAY RATHI
(UNIT HEAD)



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

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ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

*Environmental Statement for the financial year ending with 31st March 2023***PART-A**

(i)	Name and address of the owner/ occupier of the industry	Boudh Distillery Pvt. Ltd, Mr. Ritesh Sahu, Factory Occupier C-84, Palaspalli Airport Area Bhubaneswar 751020
(ii)	Industry category Primary-(STC Code) Secondary- (STC Code)	RED (Category) Distillery plant 1060
(iii)	Production category – Units.	Distillery Plant: 60 KL/DAY Captive Power Plant: 2.5 MWH
(iv)	Year of establishment	2016
(v)	Date of the last environmental statement submitted.	Last year Submitted date -8th, Sep, 2022

PART -B*Water and Raw Material Consumption:**i. Water consumption in m³/d*

Sr No	Source	During The Previous Year Apr'21- Mar'22	During The Current Year Apr'22- Mar'23
(i)	Process	521	480
(ii)	Cooling	64	75
(iii)	Domestic	8	9
	Total	587	564

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
1. EXTRA NEUTRAL ALCOHOL	3.41 Liters/BL (Liters/KL)	7.59 Liters/BL

ii. Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year	During the current financial year
Bracken rice (Not fit For Human Consumption)	Extra Neutral Alcohol	2.35 Kg/BL	1.97 Kg/BL
Coal	Extra Neutral Alcohol	1.86 kg/ BL (Reported final Product instead of Power Generation)	1.47 kg/ BL (Reported on final Product instead of Power Generation)

** Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.*

PART-C

***Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)***

Pollutants	Quantity -of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a) Water PH BOD COD TSS Oil and Grease	Not Specified	7.26 9 mg/l 32 mg/l <5 mg/l <1 mg/l	All values are maintained within SPCB norms.
(b) Air PM SOX NOX	Not Specified	49.1 mg/ Nm ³ 360.5 mg/ Nm ³ 167.32 mg/ Nm ³	All values are maintained within SPCB norms.

PART-D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules,1989)).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
1. From Process	Nil	0.2 KL (Spent Oil)
2. From Pollution Control Facilities	Nil	Nil

PART – E

SOLID WASTES:

		Total Quantity(liter/ Kg/ MT)	
		During the previous financial year 2021-2022	During the current financial Year 2022-2023
(a)	From process: (1) Fly ash (2) Raw Spent wash	12987.81 MT 144250 KL	13607.6 MT 143244.8 KL
(b)	From pollution control facility	Nil	Nil
(c)	(1) Quantity recycled or re-Utilized within the unit	Total raw spent wash is used to produce DDGS as by product	Total raw spent wash is used to produce DDGS as.by product.
	(2.) Sold	Total Fly ash generated from power plant is provided to local Brick Industry.	Total Fly Ash generated from power plant is provided to local Brick industry
	(3) Disposed	Nil	Nil

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Category of waste	Characteristics	Quantity	Disposal Practice
1. Used Oil	Liquid	0.2KL	Hazardous waste are stored in container over impervious floor under well ventilated covered shed in compliance with applicable Hazardous Waste Management authorization.

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

- ETP' and PCTP both unit are installed with proven technology to Achieve Zero Liquid Discharge and we are also monitoring ZLD.
- Installed Electro-Static precipitator (ESP) at our Captive Power Plant having four fields to control particulate emission as well as Installed Fly Ash silo to store the Boiler Ash.
- Most of the pollutants generated are controlled at source by Air pollution control facilities like Bag filters, Electro Static Precipitator and Water Sprinklers.
- Solid waste generated like fly ash is disposed 100% to Fly ash brick manufacturers.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- We have introduced the discipline 4R (Reduce, Re-use, Recover and Recycle) in our industry as well as arranging time to time training to the operators to educate as well as to be more concern about environment.
- *We have installed Continuous Emissions Monitoring. System (CEMS) with the guidance of Environment Experts.*
- We have installed Suspended Particulate Matter (SPM) monitoring in our stack.
- We have organized for our Employees to attend' Seminars and Trainings to gain knowledge as well as to implement the things as per the instructions and suggestions collected from the seminars and trainings.
- *Continuously spraying insecticide by spray machine and defogging machine in and surrounding the factory to kill the flies and mosquitoes.*
- *Awareness promotion through various Environmental Training, Environmental Quiz Competitions on World Environment Day (WED), World Ozone Day (WOD).*

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

Following initiatives are taken to improve the Environment:

- Near about 13 acres of land in the project area has been developed as green belt.
- The company has a robust CSR policy with emphasis on areas like, Livelihood Initiatives, Education, Health, Infrastructure and Environment.
- ESP 04 Nos. Field in our CPP to control particulate emission installed.
- Boiler Ash Silo to store the Boiler Ash.
- We have 12 nos. of Rain Water Harvesting structure to collect roof top water as well as to recharge the ground water level.
- We have ETP and PCTP to adopt Zero Liquid Discharge (ZLD).
- We have in-house laboratory to check parameters like BOO, COD, pH, TDS, Alkalinity, VFA, TSS etc.
- We have CEMS to monitor the parameters of PM, SO₂ and NO_x.