



Date: 08th Sep 2022

To
The Member Secretary,
State Pollution Control Board,
A/118, Nilakantha Nagar, Unit-Viii,
Bhubaneswar, Odisha-751012

Sub: Submission of the Environmental statement in Form- V under Environmental (Protection) Rules, 1986 in respect of M/S Boudh Distillery Pvt. Ltd. for the year 2021-2022

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 2021-2022 in respect of our distillery plant of M/s Boudh Distillery Pvt Ltd, Unit At: Titerikata, Dist: Boudh, Odisha.

This is your kind information and necessary record

Thanking You.

Yours Sincerely,

For, M/S Boudh Distillery Pvt Ltd

Sanjay
08/09/2022
Sanjay Rathi
(Unit Head)



Received
ls
8/9/22



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

ENVIRONMENTAL STATEMENTS

FORM-V (Sec Rule-14)

Environmental Statement for the Financial Year ending the 31st March 2022

PART-A

(i)	Name and address of the owner occupier the industry operation or process.	Boudh Distillery Pvt. Ltd, Mr. Ritesh Sahu, Factory Occupier C-84, Palashpalli Airport Area Bhubaneswar- 751020
(ii)	Industry category: Primary ... STC Code Secondary ... STC Code	RED (Category) Distillery plant 1060
(iii)	Production Capacity-Unit	Distillery Plant: 60 KL/DAY Captive Power Plant: 2.5 MWH
(iv)	Year of Establishment	2016
(v)	Date of the last Environment Statement Submitted	Last year Submitted date - 6 th , July, 2020



PART-B

Water and Raw Material Consumption

1. Water Consumption m³/Day

Source	During The Previous Year 2020- 2021	During The Current Year 2021- 2022
(i) Process	517	521
(ii) Cooling	62	64
(iii) Domestic	8	8
Total	589	587

2. Name of Product: EXTRA NEUTRAL ALCOHOL

Process Water Consumption per Unit of Product Output

During The Previous Financial Year 2020- 2021	During The Current Financial Year 2021- 2022
9.85 Liters/BL	3.41 Liters/BL

3. Raw Material Consumption

Name of Raw Material	Name of Product	During The Previous Financial Year 2020- 2021	During The Current Financial Year 2021-2022
Bracken rice (Not fit for Human Consumption)	Extra Neutral Alcohol	2.06 Kg/BL	2.35 Kg/BL
Coal	Extra Neutral Alcohol	1.84 kg/ BL (Reported on final Product instead of Power Generation)	1.86 kg/ BL (Reported on final Product instead of Power Generation)

- Industry may use codes if disclosing details of Raw material would violate contractual obligation 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 pollutions in discharges (mass/ volume)	Percentage of variation from prescribed standards with
(a)	Treated Effluent- pH BOD TSS Oil & Grease	Not Specified	7.2 6.0 mg/l <5 mg/l <1 mg/l	
(b)	Stack Air- PM SO ₂ NO _x	Not Specified	45.6 mg/Nm ³ 518.42 mg/Nm ³ 202.12 mg/Nm ³	

NOTE: Regarding Water Pollutants, Effluent Generated from the Process is 100% re-circulated back to process after passing through ETP and PCTP, Spent wash is used to produce by product as DDGS after processing through Multi Effect Evaporator (MEE), Decanter and Dryer.

PART-D

HAZARDOUS WASTAGES

(As specified under Hazardous Wastes Management and handling Rules, 1989 Amended rules 2003)

Hazardous Waste	Total Quantity (Liter/Kg)	
	During the previous financial year 2020- 2021	During the current financial Year 2021-2022
(a) From process	Nil	Nil
(b) From pollution control facilities	Nil	Nil
(c) Any Other Source	Nil	Nil



PART-E

Solid Wastes

		Total Quantity(liter/ Kg/ MT)	
		During the previous financial year 2020-2021	During the current financial year 2021-2022
(a)	From process: (1) Fly ash (2) Raw Spent wash	10654.6 MT 109142 KL	12987.81 MT 144250 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 characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes.

-Not Applicable-

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and 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.



PART-H

Additional measures/investment proposal for environment protection including abatement of pollution, prevention of pollution:

- We have introduced the discipline 4R (Reduce, Re-use, Recover and Recycle) in our industry as well as arranging time to time trainings 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

Any other particular for improving the quality of the environment:

Following initiatives are taken to improve the Environment:

1. Near about 13 acres of land in the project area has been developed as green belt, around 25k saplings with other trees are planted.
2. ESP 04 Nos. Field in our CPP to control particulate emission installed.
3. Boiler Ash Silo to store the Boiler Ash.
4. We have 12 nos. of Rain Water Harvesting structure to collect roof top water as well as to recharge the ground water level.
5. We have ETP and PCTP to adopt Zero Liquid Discharge (ZLD).
6. We have in-house laboratory to check parameters like BOO, COD, pH, TDS, Alkalinity, VFA, TSS etc.
7. We have CEMS to monitor the parameters of PM, SO₂ and NO_x

