

[FORM – V]

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2019

PART – A

(i)	Name and address of the owner/occupier of 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		
(iii)	Production Capacity - 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	We had submitted on previous financial year without details as Plant was under commissioning stage.	

PART – B

Water and Raw Material Consumption

1. Water Consumption m³/day

Source	During the Previous Year 2017-18	During the Previous Year 2018-19
(i) Process	--Not Applicable--	529
(ii) Cooling	--Not Applicable--	65
(iii) Domestic	--Not Applicable--	8
Total	----	602

2. Name of Product : Extra Neutral Alcohol

Process water consumption per unit of product output

During the previous financial Year 2017-18	During the Current financial Year 2018-19
--Not Applicable--	9.98 Litres/BL

3. Raw Material Consumption

Name of Raw Material	Name of Product	During the previous financial Year 2017-18	During the Current financial Year 2018-19
Broken Rice (Not fit for Human Consumption)	Extra Neutral Alcohol	--Not Applicable--	2.26 Kg./BL
Coal	Extra Neutral Alcohol	--Not Applicable--	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 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)

1) Pollutants (Air)	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from Prescribed Standards with Reasons
SPM	Not Specified	49.6 mg/Nm ³	-----
SO2	Not Specified	60.4 mg/Nm ³	-----
NOX	Not Specified	78.6 mg/N ³	-----

NOTE:- Regarding Water pollutants, Effluent water generated from the Process is 100% recirculated back to process after passing through ETP and PCTP, Spent wash is used to produce by product as DDGS after processing through MEE, Decanter and Dryer.

PART – D

Hazardous Wastes

(As specified under Hazardous Waste Management and Handling Rules, 1989, Amended Rules 2003)

Hazardous Waste	Total Quantity in Litters/ kg	
	During the previous Financial Year 2017-18	During the current Financial year 2018-19
a) From process	--Not Applicable--	Nil
b) From pollution control facilities.	--Not Applicable--	Nil
c) Any Other Source	--Not Applicable--	Nil

PART – E

Solid Wastes

Waste	Total Quantity in Litters/ kg/MT	
	During the previous Financial Year 2017-18	During the current Financial year 2018-19
(a-1) Fly Ash	--Not Applicable--	7042.93 MT
(a-2) Raw Spent Wash	--Not Applicable--	69287 KL
(b) From Pollution Control facility	--Not Applicable--	Nil
(c-1) Quantity Recycled or Reutilized within the Unit	--Not Applicable--	Total Raw Spent wash is used to produce DDGS as by product.
(c-2) Sold	--Not Applicable--	Total Fly Ash generated from Power Plant is provided to Local Bricks Industry.
(c-3) Disposed	--Not Applicable--	Nil

PART – F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these 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 units are installed with proven technology to achieve ZLD and we are also maintaining ZLD.*
- ⇒ *Installed ESP at our CPP 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 environmental protection including abatement of pollution, prevention of pollution.

- ⇒ *We have introduced the discipline 4R in our industry as well as arranging time to time trainings to the people to educate as well as to be more concern about pollution.*
- ⇒ *We have just installed Gas CEMS with the guidance of Environment experts.*
- ⇒ *We have also earlier installed PM monitor in our Stack.*
- ⇒ *We are organizing for our people 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.*

PART – I

Any other particulars for improving the quality of the environment.

---Following initiative are taken to improve the Environment

- *Near about 12 acres of land in the project area has been developed as green belt, around 25K saplings are planted.*
- *Installed ESP having 04 nos. Field at our CPP to control particulate emission, installed boiler ash silo to store the boiler ash.*
- *We have constructed 12 nos. Rain Water harvesting structure to collect roof top water as well as to recharge in the ground.*
- *ETP and PCTP are installed to adopt Zero Liquid Discharge.*
- *We have set up an inhouse laboratory to check parameters in effluents like BOD, TSS, TDS, Conductivity, VA-Fatty Acid, Alkaline, Acidity, Hardness, Silica & turbidity etc.*
- *We have installed CEMS to monitor the parameters PM, SO2 and NOX.*