



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000023726

Submitted Date

04-06-2020

Company Information

Company Name

Nira Bhima Sahakari Sakhar Karkhana Limited

Application UAN number

0000016400 (FY: 2018-19)

Address

At.: Shahajinagar, PO: Redni, Tal.: Indapur,
Dist.: Pune

Plot no

340,341,344,345,346,347,348

Taluka

Indapur

Village

Bhodani

Capital Investment (In lakhs)

3296.98

Scale

L.S.I.

City

Indapur

Pincode

413114

Person Name

S. G. Genge

Designation

I/C Managing Director

Telephone Number

9960165577

Fax Number

02111 270555

Email

nirabhima@gmail.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R60 Distillery (molasses /
grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/CAC/UAN No. MPCB-
CONSENT-0000074721/CR-2001000067

Consent Issue Date

02.01.2020

Consent Valid Upto

31.08.2020

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Rectified spirit (RS)	8100	2411.924	KL/A
Extra neutral alcohol (ENA)	7614	2056.348	KL/A
Ethanol	7290	1130.010	KL/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	NA	NA	CMD

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	294	272
Domestic	280	210
	6	5.8

All others	-	-
Total	580	487.8

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	294	288	CMD
Domestic effluent	6	5	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Rectified spirit	7.1	7.2	Ltr/A
Extra neutral alcohol	7.5	7.5	Ltr/A
Ethanol	0.1	0.1	Ltr/A

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Molasses	36531	16455.630	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	432000	30627	MT/A

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	NA	NA	NA	NA	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM	151.20	81.4	-41.73	150	Within standard norms

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	CMD

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	CMD

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast sludge	0.480	0.230	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	CMD

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	CMD

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.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	NA	CMD	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast sludge	0.230	MT/A	Sludge

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Bagasse along with biogas are used as boiler	0	0	0	0	0	0

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	NA

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	NA

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

Particulars

(1) Installed online monitoring system. (2) Developed Green belt. (3) Achieved ZLD (4) Adopted 3-R Principle. (5) Submitted all document to MPCB & CPCB time to time. (6) No any Legal case

Name & Designation

S. G. Genge (I/C Managing Director)