



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2019

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000015931

Submitted Date

06-05-2019

Company Information

Company Name

Shree Renuka Sugars Ltd.,(Unit
DB.R.K.Panchaganga SSK

Application UAN number

000051296

Address

A/P- Ganganagar , Tal- Hatkanangle, Dist-
Kolhapur

Plot no

29

Taluka

Hatkanangle

Village

Kabnoor

Capital Investment (In lakhs)

210.70

Scale

LSI

City

Ichalkaranji

Pincode

416116

Person Name

Shri. Prakash Shrapati Sawant

Designation

General Manager

Telephone Number

09423869501

Fax Number

(0230)2441777-80

Email

vikas.ingrole@renukasugars.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/CAC/UAN
NO.0000051296/R/CAC-1901002384

Consent Issue Date

31/01/2019

Consent Valid Upto

31/07/2019

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
SUGAR	228000	97869	MT/A
Power Generation	262800	76366	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Pressmud	84000	21986	MT/A
Molasses	72000	34786	MT/A
Baggase	564000	210530	MT/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	600	397
	1042	495

Domestic	80	50
All others	0	0
Total	1722	942

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Sugar Effluent	500	450	CMD
Cogen Effluent	80	22	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
Sugar & E P	1.5	1.58	Ton/Ton

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
Sugar Cane	7.68	7.69	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Baggase	564000	203022	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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Chemical Oxygen Demand	7.2	16	93	250	Good O & M of ETP
Biological Oxygen Demand	2.7	6	94	100	Good O & M of ETP

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
SPM	560	45.73	70	150	Good O & M of ESP & STACK

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.2 Wastes or residues containing oil	2.5	2.5	MT/A
5.1 Used or spent oil	2.5	2.5	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	1834	2233	MT/A
ETP SLUDGE	2.5	2.7	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
5.2 Wastes or residues containing oil	2.5	MT/A	Residue containing Oil is burned with baggase as fuel for our own boiler.
5.1 Used or spent oil	2.5	MT/A	Used oil is burned with baggase as fuel for our own boiler.

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
BOILER ASH	2233	MT/A	Cent percent of ash sold to brick mfg. Used as manure with compost production.

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)
The company has given prior attention to taken on conservation of natural resources & consequently on the cost of prodction	280	230	100	127750	21822	110000

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)
The design capacity of ETP is 750 M3/d is provided to treat industrial effluent. ETP comprises with screen chamber, Equalisation cum anaerobic tank , aerobic tank, Sec. Clarifier, SDB.The	The ETP is operated by qualified staff to control water pollution. The final treated water is disposed to on land for irrigation on 130 acre land & neighboring farmers.	84

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Pri. Clarifier, Tertiary Treatment	Pri. Clarifier, Tertiary Treatment	24

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

Particulars

The industry files regular water cess returns as per the cess act on monthly basis. The industry shall carried out noise level survey within factory area. The industry provides fire fighting training to its own staff. There are no industrial accidents, fier or spillages etc. in season 2018-19. The industry is particular in obeying laws related to protection of environment.

Name & Designation

Prakash S.Sawant General Manager