



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000066392

Submitted Date

24-06-2024

PART A

Company Information

Company Name

Y.M.KRISHNA S.S.K LTD ., SHIVNAGAR

Application UAN number

UAN No. 0000053717

Address

At.-Rethare Bk,Post- Shivnagar

Plot no

500

Taluka

KARAD

Village

Shivnagar

Capital Investment (In lakhs)

32445

Scale

L. S. I.

City

Satara

Pincode

415108

Person Name

Shri. S. N. Dalvi

Designation

MANAGING DIRECTOR

Telephone Number

9881179819

Fax Number

02164266226

Email

ymkrishnassk@rediffmail.com

Region

SRO-Satara

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

Format - 1.0/CAC-CELL/UAN No.
0000095382/CR-2012000314

Consent Issue Date

2020-12-07

Consent Valid Upto

31/07/2019

Establishment Year

1954

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Sugar

Consent Quantity

153000

Actual Quantity

14560.54

UOM

MT/A

Electricity

16

13.20

Mwh

By-product Information

By Product Name

Bagasse

Consent Quantity

452655.20

Actual Quantity

452650.20

UOM

MT/A

Molasses

635687.21

62449.99

MT/A

Press Mud

40253.01

37570.22

MT/A

Part-B (Water & Raw Material Consumption)

<u>1) Water Consumption in m3/day</u>		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	985.00	750.00
Cooling	3125.00	2230.00
Domestic	98.00	66.00
All others	0.00	0.00
Total	4208.00	3046.00

<u>2) Effluent Generation in CMD / MLD</u>			
Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	835	680	CMD
Domastic	98	66	CMD

<u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u>			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar	53.00	50.00	Ton/Ton

<u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u>			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugarcane	7.62	5.89	Ton/Ton
Bagasse (Product electricity)	6.58	6.5502	Ton/Ton
Sulphur	00.00150	0.00147	Ton/Ton
Lime	00.0092	0.0077	Ton/Ton
Lubricants (Oil & Greese)	0.083	0.056	Ton/Ton

<u>4) Fuel Consumption</u>			
Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	408000	397400	MT/A

Part-C

<u>Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)</u>					
<u>[A] Water</u>					
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		
BOD	20.25	44.99	NA	100	NA
COD	58.05	128.99	NA	250	NA
pH	7.8	7.79	NA	5.5 - 8.5	NA
Suspended solid	23.4	51.99	NA	100	NA
Chloride	49.5	109.99	NA	600	NA
Sulphate as SO4	33.3	73.99	NA	1000	NA

TDS	216	479.99	NA	2100	NA
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[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		
	Quantity	Concentration	%variation	Standard	Reason
PM	640.99	124.92	NA	150	NA
SO2	183.99	32	NA	150	NA
NOx	320.96	69.96	NA	150	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.31	0.27	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Press Mud	37560	397000	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ETP Sludge	186	150	MT/A
Fly Ash	3541	3856	MT/A
Bottom Ash	925	1023	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

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.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.27	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Ash	4620	MT/A	Not Applicable

Press Mud	39560	MT/A	Not Applicable
ETP Sludge	187	MT/A	Not Applicable

Part-G

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)
Cooling waters(Condensate)	1500	0	25	10	500	50

Part-H

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	50

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Up-gradation of ETP & ACP equipments etc.	Improve the quality of treated effluent & reducton in pollutant emission.	70

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Shri .Ramchandra Patil

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000066392

Submitted On:

24-06-2024