



# 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-0000067375

**Submitted Date**

18-07-2024

## PART A

### Company Information

**Company Name**

S. Babanraoji Shinde Sugar & Allied Industries Ltd.

**Application UAN number**

NA

**Address**

Gut No.160,168 A/P Turk Pimpri, Tal-Barshi, Dist-Solapur

**Plot no**

Gut No.160,168

**Taluka**

Barshi

**Village**

Turk Pimpri

**Capital Investment (In lakhs)**

21895.53 (23,65.51)

**Scale**

LSI

**City**

Solapur

**Pincode**

413401

**Person Name**

Mr. Ranjeet Babanrao Shinde

**Designation**

Chairman & Managing Director

**Telephone Number**

9657552255

**Fax Number**

0

**Email**

ismcl\_unit2@yahoo.co.in

**Region**

SRO-Solapur

**Industry Category**

Red

**Industry Type**

R12 Sugar (excluding Khandsari)

**Environmental statement submitted online**

yes

**Consent Number**

Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000170599/CR/2311001859

**Consent Issue Date**

23/11/2023

**Consent Valid Upto**

2024-07-31

**Establishment Year**

2011

**Date of last environment statement submitted**

Sep 13 2023 12:00:00:000AM

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

### Product Information

**Product Name**

Sugar

**Consent Quantity**

217800

**Actual Quantity**

88455.50

**UOM**

MT/A

Pressmud

69300

5196.19

MT/A

Molases

73800

40650

MT/A

Baggase

573000

227172

MT/A

Electricity

25

22.88

Mwh

**By-product Information**

**By Product Name**

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

**Part-B (Water & Raw Material Consumption)**

**1) Water Consumption in m3/day**

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	300.00	280.00 ✓
Domestic	600.00	580.00 ✓
All others	45.00	35.00 ✓
Total	0.00	0.00 ✓
	945.00	895.00 ✓

**2) Effluent Generation in CMD / MLD**

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent	525.00	340 ✓	CMD
Daily quantity of sewage effluent	35.00	15 ✓	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	0.66	0.63 ✓	CMD
Pressmud	0.10	0.09 ✓	CMD
Molases	0.85	0.82 ✓	CMD
Baggase	0.62	0.63 ✓	CMD
Electricity	5.45	4.40 ✓	CMD

**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	871905.00	822240.00 ✓	MT/A
Sulphur	171.400	337.540 ✓	MT/A
Lime	997.090	1096.380 ✓	MT/A
Caustic Soda flakes	19450.00	28560.00 ✓	Kg/Annum
Beaching Powder	675.00	350.00 ✓	Kg/Annum
Boiler Chemical	8100.00	8015.00 ✓	Kg/Annum
Lubricants-Oil	12368.00	9543.00 ✓	KL/A
Lubricants -Greases	1252.00	3.301 ✓	MT/A
Bagasse	275174.480	225430.684 ✓	MT/A

**4) Fuel Consumption**

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	508080	216762 ✓	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		
Total suspended solid	26.52	78	Within limit	100 mg/Lit	NA
Total dissolved solid	625.26	1839	Within limit	2100 mg/Lit	NA
Biological Oxygen Demand	23.12	68	Within limit	100 mg/Lit	NA
Oil & Grease	1.7	5	Within limit	10 mg/Lit	NA
Chemical Oxygen Demand	73.1	215	Within limit	250 mg/Lit	NA
Sulphate	72.76	214	Within limit	1000 mg/Lit	NA
Chlorides	124.44	366	Within limit	600 mg/Lit	NA

## [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		
Boiler Stack -TPM	79.76	64.0	Within Limit	150 mg/Nm3	NA
Boiler Stack - SO2	68.0	57.0	Within Limit	5568 mg/Nm3	NA

## Part-D

## HAZARDOUS WASTES

## 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	MT/A

## 2) From Pollution Control Facilities

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

## Part-E

## SOLID WASTES

## 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly/Boiler Ash	4399.490	2817.906	MT/A

## 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ETP Sludge	130.785	123.336	MT/A

## 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
------------	--------------------------------------	-------------------------------------	-----

**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	0.0	MT/A	Oily

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Fly/Boiler Ash	2817.906	MT/A	Solid
ETP Sludge	123.336	MT/A	Sludge

**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)
NA	0	0	0	0	0	0

**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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green Belt Development	Tree Plantation	1.50

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green Belt Development	Tree Plantation	10
UASBR Modification Work	NA	25

**Part-I**

Any other particulars for improving the quality of the environment.

Particulars

Celebrating World Environment Day Environmental awareness programs for employees. Green belt development

Name & Designation

Mr. Ranjeet Babanrao Shinde (Chairman & Managing Director)

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000067375

Submitted On:

18-07-2024