



## Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

### ORM V

(Per Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

#### Unique Application Number

IPCB-ENVIRONMENT\_STATEMENT-0000036008

#### Submitted Date

21-09-2021

### ART A

#### Company Information

##### Company Name

Vitthal Corporation Ltd. Vitthalrao Shinde Nagar,  
Mhaisgaon,

##### Application UAN number

0000115816

##### Address

Vitthalrao Shinde Nagar, Mhaisgaon,

##### Pin no

413005

##### Taluka

Madha

##### Village

Mhaisgaon

##### Capital Investment (In lakhs)

2510.64

##### Scale

Large

##### City

Solapur

##### Pincode

413250

##### Person Name

Yashwant Sanjaymama Shinde

##### Designation

Managing Director

##### Telephone Number

2183226475

##### Fax Number

02183226495

##### Email

vitthalsugarmfg@gmail.com

##### Region

RO-Solapur

##### Industry Category

Red

##### Industry Type

R12 Sugar ( excluding Khandasari)

##### Last Environmental statement submitted online

02/07/2021

##### Consent Number

0000093782/CR-0210000738

##### Consent Issue Date

2020-10-21

##### Consent Valid Upto

02/07/2023

##### Establishment Year

98

##### Date of last environment statement submitted

Sep 5 2020 12:00:00:000AM

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

#### Product Information

##### Product Name

UGAR

##### Consent Quantity

138600

##### Actual Quantity

30850

##### UOM

MT/A

POLASSES

50400

20075

MT/A

AGASSE

378000

103601.482

MT/A

RESSMUD

50400

18000

MT/A

#### By-product Information

##### By Product Name

O-GEN

##### Consent Quantity

15

##### Actual Quantity

14.20

##### UOM

Mwh

**Water & Raw Material Consumption)**

<u>Water Consumption in m3/day</u>	<u>Consent Quantity in m3/day</u>	<u>Actual Quantity in m3/day</u>
<b>Water Consumption for Process</b>	125.00	85.00
<b>Cooling</b>	51.00	42.00
<b>Domestic</b>	59.00	35.00
<b>All others</b>	0.00	0.00
<b>Total</b>	235.00	162.00

<u>2) Effluent Generation in CMD / MLD</u>	<u>Consent Quantity</u>	<u>Actual Quantity</u>	<u>UOM</u>
<b>Particulars</b>			
EFFLUENT	221	195	CMD
DOMESTIC	41	22	CMD

<u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u>	<u>During the Previous financial Year</u>	<u>During the current Financial year</u>	<u>UOM</u>
<b>Name of Products (Production)</b>			
SUGAR	.022	.028	CMD

<u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u>	<u>During the Previous financial Year</u>	<u>During the current Financial year</u>	<u>UOM</u>
<b>Name of Raw Materials</b>			
SUGARCANE	5.95	6.21	Ton/Ton
SULPHUR	.037	.048	Ton/Ton
LIME	.0125	.0155	Ton/Ton

<u>4) Fuel Consumption</u>	<u>Consent quantity</u>	<u>Actual Quantity</u>	<u>UOM</u>
<b>Fuel Name</b>			
BAGASSE	378000	80000	MT/A

**Part-C**

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

[A] Water

<u>Pollutants Detail</u>	<u>Quantity of Pollutants discharged (kL/day)</u>	<u>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</u>	<u>Percentage of variation from prescribed standards with reasons</u>	<u>Standard</u>	<u>Reason</u>
	<u>Quantity</u>	<u>Concentration</u>	<u>%variation</u>		
BOD	0	18	19	100	WITHIN LIMIT
COD	0	65	15	250	WITHIN LIMIT
SULPHATE	0	40	22	600	WITHIN LIMIT
CLORIDES	0	160	20	600	IN LIMIT
TDS	0	1000	28	2100	IN LIMIT

[B] Air (Stack)

Pollutants discharged (kl/day)	Concentration of Pollutants discharged (Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason	
					Quantity
PARTICULATE MATTER	0	42	10	<150	WET SCRUBBER

#### 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	.700	.600	

###### 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	.700	.650	

#### Part-E

##### SOLID WASTES

###### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PESSMUD	7521	9000	MT/M

###### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY AISH	725	850	MT/A
BIOLOGICAL SLUDGE	4.5	6.4	Kg/Day

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
4.4 Organic residue from processes	7521	9000	MT/A
5.1 Used or spent oil	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	1	MT/A	MIX WITH BAGASSE

##### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
BOILER AISH	900	MT/A	SOLD TO BRIK MANUFACTURE

#### 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)
ETP	45	8	3	1	45	10
WET SCRUBBER	12	0	0	0	35	0
ONLINE MONITORING SYSTEM	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**

	Environmental Protection Measures	Capital Investment (Lacks)
TREE PLANTATION	2000	700000
OLMS	OLMS	500000
WATER REDUCTION	RECYCLE OF CONDENSATE	400000

**[B] Investment Proposed for next Year**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
TREE PLANTATION	MACANICAL SEALS	300000

**Part-I**

*Any other particulars for improving the quality of the environment.*

**Particulars**

WATER CONSUMPTION

**Name & Designation**

YASHWANT SANJAYMAMA SHINDE / MANAGING DIRECTOR

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000036008

**Submitted On:**

21-09-2021