



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

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

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000028384

### Submitted Date

28-09-2020

## PART A

### Company Information

#### Company Name

Dalmia Bharat Sugar & Industries Ltd.Sugar unit-Shri Datta  
Asurle-Porle

#### Application UAN number

0000092771

#### Address

A/P-Porle Turf Thane,Tal-Panhala,Dist.-Kolhapur-416229

#### Plot no

1746,1748 to 1756

#### Taluka

Panhala

#### Village

Asurle-Porle

#### Capital Investment (In lakhs)

380.3707

#### Scale

LSI

#### City

Kolhapur

#### Pincode

416229

#### Person Name

N.C.Paliwal

#### Designation

Dy.Executive Director

#### Telephone Number

0231-2664655

#### Fax Number

0231-2664655

#### Email

kop.sdsd@dalmiasugar.com

#### Region

SRO-Kolhapur

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

000074608/CR-2001000077

#### Consent Issue Date

02/01/2020

#### Consent Valid Upto

31/07/2020

#### Establishment Year

#### Date of last environment statement submitted

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

### Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	437400	115153.8	MT/A
Electricity	32	23	Mwh

### By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	129600	45054.00	MT/A
Pressmud	129600	2213.200	MT/A
Baggase	939600	215790.000	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	900	700
Domestic	510	350
All others	150	150
Total	0	0
	1560	1200

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Effluent	900	600	CMD
Domestic	120	100	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	0.75	0.73	

### 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	878690	910709	MT/A
Lime	1145	1384.2	MT/A
Sulphur	369	346	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Baggase	574560	224593.2	MT/A
Coal	101520	16920	MT/A

## Part-C

### 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 %variation	Standard	Reason
BOD	600	70	0	100	NA
COD	600	150	0	250	NA
TDS	600	1400	0	2100	NA
SS	600	30	0	100	NA
Sulphate	600	200	0	1000	NA
Chloride	600	60	0	600	NA

### [B] Air (Stack)

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
SPM	158500	45	0	150	NA

### Part-D

#### HAZARDOUS WASTES

##### 1) From Process

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	2.4	2.0	MT/A

##### 2) From Pollution Control Facilities

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	.0.80	0.70	MT/A

### Part-E

#### SOLID WASTES

##### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
ETP Sludge	5	7	MT/A
Fly Ash	4587	4580	MT/A

##### 2) From Pollution Control Facilities

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
ETP Sludge	5	7	MT/A
Fly Ash	4587	3664	MT/A

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

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	5.90	1.90	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

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	2.0	MT/A	NA

#### 2) Solid Waste

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
NA	0	MT/A	NA

### Part-G

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Process	200	0	0	0	10.00	2.0

## 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**

Plantation of trees , provision of 75 acres land for irrigation , regular operation and maintenance of APC and ETP,

##### **Environmental Protection Measures**

Plantation of trees, continuous efforts to achieve ZLD

##### **Capital Investment (Lacks)**

10.00

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

##### **Detail of measures for Environmental Protection**

ETP , EMC ,Greenbelt development,Recycling Reuse of wastes and achieved ZLD

##### **Environmental Protection Measures**

Plantation of trees, ZLD

##### **Capital Investment (Lacks)**

15.00

## Part-I

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

#### Particulars

We have provided APC in the form of ESP to both Boilers as well as provision Primary Secondary & Tertiary treatment for Effluent treatment,also Online monitoring system with connectivity to MPCB &CPCB Server is installed .Treated effluent is used for on land irrigation and green belt development of about 75 acres land. Recycle and Reuse of waste generated in the process.

#### Name & Designation

Mr.N.C.Paliwal,Deputy Executive Director

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000028384

#### Submitted On:

28-09-2020