



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

Company Information

Company Name

Shree Datta Sakhar Karkhana A Unit of Dalmia
Bharat & Sugar Industries

Application UAN number

0000007168

Address

A/P Asurle Porle Taluka Panhala

Plot no

1746,1748 to 1756

Taluka

Panhala

Village

Asurle Porle

Capital Investment (In lakhs)

32406

Scale

LSI

City

Kolhapur

Pincode

416

Person Name

KP Singh

Designation

Executive Director

Telephone Number

0231-2664655

Fax Number

0231-2664655

Email

singhkp@dalmiasugar.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R74 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/CAC-CELL/EICNO.KP-15859-14/R/CAC-195 05/01/2016

Consent Issue Date**Consent Valid Upto**

31/07/2016

Product Information

Product Name

Sugar

Consent Quantity

184890

Actual Quantity

184890

UOM

MT/A

By-product Information

By Product Name

Molasses

Consent Quantity

54000

Actual Quantity

54000

UOM

MT/A

Press mud

54000

54000

MT/A

Bagasse

411600

411600

MT/A

1) Water Consumption in m3/day

Water Consumption for Process**Consent Quantity in m3/day**

790

Actual Quantity in m3/day

750

Cooling

510

510

Domestic

150

150

All others

0

0

Total

1450

1450

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
PROCESS	750	750	CMD
DOMESTIC	120	120	CMD
OTHER COOLING/ BOILER BLOWDOWN	90	90	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, Molasses, presmud, bagasse, Power	1450	1450	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
Sugarcane and other	1350000	1350000	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Baggase	287280	287280	MT/A
Coal	50760	50760	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		
BOD	60	80	0	100	NA
COD	93.75	125	0	250	NA
Sulphates	255	340	0	1000	NA
Chlorides	222	295	0	600	NA
Oil & Grease	15	2	0	10	NA
TDS	1125	1500	0	2100	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		
SPM	432	45	0	50	NA
SO2	9000	35	0	50	NA

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	5	5	MT/A
5.2 Wastes/residue containing oil	5	5	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
34.3 Chemical sludge from waste water treatment	4.8	4.8	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	4572	4572	MT/A
ETP SLUDGE	76.2	76.2	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	4572	4572	MT/A
ETP SLUDGE	76.2	76.2	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	5	5	MT/A
5.2 Wastes/residue containing oil	5	5	MT/A

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 /spent oil	5	MT/A	NA
5.2 Wastes/residue containing oil	5	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	4572	MT/A	NA
ETP SLUDGE	76.2	MT/A	NA

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)
APC ESP	NA	100	100	10	1000	10
ETP	20	NA	NA	NA	1000	10

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)
Plantation of trees , provision of 50 acres land for irrigation , regular operation of APC ETP,	Plantation of trees , recycling of wastes ZLD	1000

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection Environmental Protection Measures Capital Investment (Lacks)

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

We have provided APC in the form of ESP to both boilers as well as provision primary secondary tertiary treatment for effluent and uses of treated effluent on land application for irrigation of about 50 acres land

Name & Designation

KP Singh