



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-0000028960

Submitted Date

29-09-2020

PART A

Company Information

Company Name

Dalmia Bharat Sugar & Industries Ltd , Distillery Unit ,Asurle-Porle

Application UAN number

MPCB-CONSENT-0000051533

Address

A/P Asurle Porle Taluka Panhala Dist Kolhapur

Plot no

1764,1765,1852,1854,1855 Asurle Porle

Taluka

Panhala

Village

Kolhapur

Capital Investment (In lakhs)

6879.30

Scale

L.S.I

City

Kolhapur

Pincode

416229

Person Name

Anand Kadam

Designation

Deputy General Manager

Telephone Number

914699860

Fax Number

0231-2664655

Email

sannikhil1971@gmail.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENT RED/LSI(R60) No. Format No-1.0/CAC/UAN NO. MPCB - CONSENT-0000081314 & 0000066565/CO-2003000593 Dated 11.03.2020

Consent Issue Date

11/03/2020

Consent Valid Upto

31.8.2020

Establishment Year

Date of last environment statement submitted

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

Product Information

Product Name

Rectified Spirit /Extra Neutral Alcohol/Ethanol /Absolute Alcoho

Consent Quantity

24750

Actual Quantity

14497

UOM

KL/A

Fusel Oil

52.8

46.08

KL/A

By-product Information

By Product Name

Consent Quantity

Actual Quantity

UOM

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	05.0	04.0
Domestic	05.0	04.0
All others	NA	NA
Total	610	604

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Spent wash	600 CMD	600 (250 CMD After concentration in MEE)	CMD
Domestic	4.0	4.0	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
Distillery including Fermentation Industry	280	280	CMD
Distillery including Fermentation Industry	40	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
Sulphuric Acid	16.40	19011	KL/A
Molasses	56190	51025	MT/A
Nutrient (N & P)	33.22	25.730	MT/A
Turkey Red Oil	15.0	18.8	KL/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Concentrated Spent wash	82500	29841	KL/A
Coal	31680	17979	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	Standard	Reason
SPENT WASH	Quantity 600 (250 CMD after concentration in MEE)	Concentration IN INCREATION BOILER	%variation 0	0	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM	2.88	45	0	0	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	Kg/Annum

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Distillation Residue	5686	3496	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	6680	5021	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	NA	NA	Kg/Annum

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
0	0	Kg/Annum	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	5021	MT/A	WITHIN LIMITS
Distillation Residue	3496	MT/A	WITHIN LIMITS

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)
MULTIPAL EVAPORATEOR	10	0.4	0	2	1500	150
GREEN BELT AND	0	0	0	0	3.0	1.0

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)
Provision of Multiple Evaporator and Incineration	Distillery is running on ZLD concept & development of Green belt	1500

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Green Belt Addition	Distillery is ZLD & development of Green belt	Rs.4.0 Lack investment in Green belt development

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Provision of spent wash reduction through Multiple Effect Evaporator, followed by Incineration Boiler with ESP and stack . Green belt of about 2 acres.

Name & Designation

Anand Kadam GM

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000028960

Submitted On:

29-09-2020