



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

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

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000039139

Submitted Date

30-09-2021

PART A

Company Information

Company Name

M/s. Daund Sugar Pvt Ltd (Sugar & Co-generation unit)

Application UAN number

MPCB-CONSENT-0000051042

Address

At Post Alegaon (Kadam Vasti), Tal. Daund, Dist. Pune

Plot no

NA

Taluka

Daund

Village

Alegaon

Capital Investment (In lakhs)

27858.42

Scale

RED-LSI

City

Pune

Pincode

413801

Person Name

Mr. Virdhaval Krishnarao Jagadale

Designation

Director

Telephone Number

9158005934

Fax Number

00

Email

daundsugarsunit@gmail.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/BO/CAC-CELL/UAN
No.0000051042/R/CAC-1903001324

Consent Issue Date

25.03.2019

Consent Valid Upto

31.07.2021

Establishment Year

2009

Date of last environment statement submitted

Jul 18 2020 12:00:00:000AM

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

Product Information

Product Name

Sugar

Consent Quantity

169716

Actual Quantity

120145

UOM

MT/A

Molasses

69432

63800

MT/A

Pressmud

61716

12981.670

MT/A

Bagasses

462852

298830

MT/A

Electric Power

6570

98194

Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	00	00	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	685.00	682.00	
Domestic	617.00	609.00	
All others	110.00	104.00	
Total	0.00	0.00	
	1412.00	1395.00	

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	660	657.10	CMD
Domestic Effluent	64	60.50	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	0.9802	0.8968	KL/A
Molasses	1.6740	1.6889	KL/A
Pressmud	7.4170	8.3006	KL/A
Bagasses	0.3653	0.3605	KL/A
Electric Power	1.1140	1.0977	KL/A

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	9.2956	2.2527	MT/A
Lime	0.0125	0.0030	MT/A
Sulphur	0.0038	0.0009	MT/A
Phosphoric Acid	0.3248	0.0000	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	389820	130296	MT/A
High Speed Diesel	350.4	151.68	KL/A
Bio Gas	1752000	0000	

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		
	Quantity	Concentration	%variation	Standard	Reason
pH (ETP Treated)	00	7.62	NA	5.5-9.0	NA
BOD (ETP Treated)	00	7.1	NA	100	NA
COD (ETP Treated)	00	30.9	NA	250	NA
TDS (ETP Treated)	00	585.00	NA	2100	NA
SS (ETP Treated)	00	11.2	NA	100	NA
O & G (ETP Treated)	00	4.8	NA	10	NA
Sulphate (ETP Treated)	00	80.36	NA	1000	NA
Chloride (ETP Treated)	00	62.29	NA	600	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		
	Quantity	Concentration	%variation	Standard	Reason
DG Set I_Total Particulate Matter	00	60.1	NA	150 mg/Nm3	NA
DG Set I_SO2	00	116.3	NA	19.2 Kg/Day	NA
DG Set II_Total Particulate Matter	00	58.2	NA	150 mg/Nm3	NA
DG Set II_SO2	00	108.2	NA	19.2 Kg/Day	NA
100 TPH Boiler Stack_Suspended Particulate Matter	00	49.90	NA	150 mg/Nm3	NA
100 TPH Boiler Stack_SO2	95.25	0.00	NA	3672 Kg/Day	NA
100 TPH Boiler Stack_NO2	00	30.40	NA	NA	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	0.75	0.98	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.4 Oil and grease skimming	8.00	9.2	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly /Boiler Ash	200.54	259.72	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	00	00	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	0.98	KL/A	Liquid
35.3 Chemical sludge from waste water treatment	9.2	MT/A	Solid

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Fly/Boiler Ash	259.72	MT/A	Powder

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	00	00	00	00	00	00

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)
Environmental Management Plan	Air & Water (Prevention and control of pollution)	75
Environmental Management Plan	Spent wash Treatment Facility (Prevention and control of pollution)	605
Environmental Management Plan	Noise Pollution Control (Prevention and control of pollution)	28
Environmental Management Plan	Environmental Monitoring & Management (Online etc.)	25
Environmental Management Plan	Occupational Health and Safety	6
Environmental Management Plan	Green Belt Development & Rain Water Harvesting	14
Environmental Management Plan	Provision towards CER	16

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environmental Management Plan	Air & Water (Prevention and control of pollution)	70

Environmental Management Plan	Spent wash Treatment Facility (Prevention and control of pollution)	600
Environmental Management Plan	Noise Pollution Control (Prevention and control of pollution)	30
Environmental Management Plan	Environmental Monitoring & Management (Online etc.)	30
Environmental Management Plan	Occupational Health and Safety	10
Environmental Management Plan	Green Belt Development & Rain Water Harvesting	15
Environmental Management Plan	Provision towards CER	20

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company has valid MPCB Consent Certificate. The operation & maintenance of Effluent Treatment Plant was carried out on daily basis. Environmental Pollution Monitoring carried out on periodical basis. The green belt is developed within company premises.

Name & Designation

Mr. Virdhaval Krishnarao Jagadale -Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000039139

Submitted On:

30-09-2021



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

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

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000039150

Submitted Date

30-09-2021

PART A

Company Information

Company Name

M/s. Daund Sugar Private
Ltd._Distillery Unit

Application UAN number

MPCB-CONSENT-0000075817

Address

At post - Alegaon, Tal. Daund,
Dist. Pune

Plot no

At post - Alegaon

Taluka

Daund

Village

Alegaon

Capital Investment (In lakhs)

11354.39

Scale

Red/LSI

City

Pune

Pincode

413801

Person Name

Mr. Virdhaval Krishnarao Jagadale

Designation

Director

Telephone Number

9158005934

Fax Number

9158005934

Email

daunddistillery@gmail.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain
/yeast based)

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN No.MPCB-
CONSENT-0000075817/CR-2001000072

Consent Issue Date

02.01.2020

Consent Valid Upto

31.08.2022

Establishment Year

2009

Date of last environment statement submitted

Jul 18 2020 12:00:00:000AM

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

Product Information

Product Name

Rectified Spirit

Consent Quantity

32400

Actual Quantity

26115.039

UOM

KL/A

Total Impure Spirit

729.96

574.15

KL/A

Extra Neutral Alcohol

32850

533.368

KL/A

Absolute Alcohol

31207.5

19865.950

KL/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NO	0	0	KL/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	1500	1482.81
Domestic	100	97.10
All others	15	14.78
Total	0	0.00
	1615	1594.69

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	900	889.68	CMD
Domestic Effluent	10	9.71	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
Rectified Spirit	17.4736	14.3653	KL/A
Total Impure Spirit	709.6481	653.4022	KL/A
Extra Neutral Alcohol	00	703.3622	KL/A
Absolute Alcohol	00	18.8841	KL/A

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
Mollasses	4.4923	0.0019	KL/A
Antifoam	0.0063	0.0008	KL/A
Steam	6.1204	2.1628	MT/A
Ethanol	0.7897	0.4218	KL/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	30660	18753	MT/A
Spent Wash	109500	45091	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		
	Quantity	Concentration	%variation	Standard	Reason
pH (ETP Treated)	0.00	7.62	NA	5.5-9.0	NA
Suspended Solids (ETP Treated)	0.00	11.2	NA	100	NA
COD (ETP Treated)	0.00	30.9	NA	205	NA
BOD (ETP Treated)	0.00	7.1	NA	100	NA
Total Dissolved Solids (ETP Treated)	0.00	585	NA	2100	NA
Oil & Grease (ETP Treated)	0.00	4.8	NA	10	NA
Chloride (ETP Treated)	0.00	80.36	NA	600	NA
Sulphate (ETP Treated)	0.00	62.29	NA	1000	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		
	Quantity	Concentration	%variation	Standard	Reason
40 TPH Boiler - Suspended Particulate Matter	0.00	28.58	NA	150	NA
40 TPH Boiler - SO2	4123.61	0.00	NA	NA	NA
40 TPH Boiler - NO2	0.00	380.01	NA	NA	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0.00	0.00	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0.00	0.00	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0.00	0.00	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0.00	0.00	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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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	0.00	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0.00	MT/A	NA

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	0.00	0.00	0.00	0.00	0.00	0.00

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)
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Environmental Management Plan	Occupational Health and Safety	10
Environmental Management Plan	Green Belt Development & Rain Water Harvesting	15
Environmental Management Plan	Provision towards CER	20

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company has valid MPCB Consent Certificate. The Operation & Maintenance of Effluent Treatment Plant carried out on daily basis. The Environmental Pollution Monitoring is carried out periodically. The green belt well developed in company premise.

Name & Designation

Mr. Virdhaval Krishnarao Jagadale -Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000039150

Submitted On:

30-09-2021