



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2018

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000013964

Submitted Date

29-09-2018

Company Information

Company Name

Dhariwal Infrastructure Limited

Application UAN number

MPCB-CONSENT 0000009208

Address

Dhariwal Infrastructure Limited

Plot no

C-6, C-7 & C-8

Taluka

Tadali Industrial area MIDC

Village

Tadali

Capital Investment (In lakhs)

393811

Scale

LSI

City

Chandrapur

Pincode

442406

Person Name

Devendra Tripathi

Designation

Manager-HSE

Telephone Number

9561112004

Fax Number

07172237992

Email

devendra.tripathi@rp-sg.in

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R48 Thermal Power Plants

Last Environmental statement submitted online

yes

Consent Number

BO/RO(Chandrapur)/CAC-CELL/CAC-1703001440

Consent Issue Date

21.03.2017

Consent Valid Upto

31.12.2018

Product Information

Product Name

Electricity generation

Consent Quantity

5256000

Actual Quantity

2393267

UOM

Mwh

By-product Information

By Product Name

0

Consent Quantity

0

Actual Quantity

0

UOM

1) Water Consumption in m3/day

Water Consumption for Process

Consent Quantity in m3/day

5280

Actual Quantity in m3/day

1539

Cooling

49440

13862

Domestic

40

37

All others

0

0

Total

54760

15438

1) Effluent Generation in CMD / MLD

Particulars

Consent Quantity

Actual Quantity

UOM

Trade Effluent	7776	618.6	CMD
Domestic Effluent	32	28.4	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
Power Generation	2.42	2.35	

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
Coal	0.6555564	0.6100388	
LDO	0.0000001193	0.00000032924	
Hydrochloric Acid	0.0000440	0.0000581	
Caustic Lye	0.0000235	0.0000324	
Sulphuric Acid	0.0002813	0.0002756	
Sodium hypochlorite	0.0002107	0.0002649	
Alum	0.0000502	0.000429	
Lime	0.0000034	0.0000049	

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	4029600	1459985	MT/A
LDO	4066	787	KL/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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Our Industry is ZLD	0	0	0	2100	0

[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
Stack -1 (Particulate Matter)	102.8	27.5	0	50	0
Stack -2 (Particulate Matter)	485	24.5	0	50	0

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	14.28	29.19	MT/A
34.2 Toxic metal-containing residue from water purificatio	0.4	0	MT/A

33.3 Discarded containers / barrels / liner	0	0	Nos./Y
Other Hazardous Waste	70	46	Nos./Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
34.4 Chemical sludge, oil and grease skimming residue	0	0	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	307803	448906	MT/A
BOTTOM ASH	33358	44267	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BIOLOGICAL SLUDGE	0	0	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	0	0	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	29.19	MT/A	Well below the norms, Testing report attached
34.2 Toxic metal-containing residue from water purificatio	0	MT/A	Well below the norms
34.4 Chemical sludge, oil and grease skimming residue	0	MT/A	0
33.3 Discarded containers / barrels / liner	0	Nos./Y	0
Other Hazardous Waste	46	Nos./Y	It is Battery Waste and well below the consented quantity

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	448906	MT/A	NA
BOTTOM ASH	44267	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)
2015-16	0.	0	0	0	0	0
2016-17	1284	37686	0	8.32	386	4155
2017-18	458	0	298 Kg/day	8376435	503	0

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Total exp made (capital & recurring) on Air pollution, water pollution and land pollution control measures, Greenery development and other Environment protection measures	Expenditure made on Air pollution, water pollution and land pollution control measures, Greenery development and other Environment protection measures	503

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Total exp made (Capital) proposed on Air pollution, water pollution and land pollution control measures, Greenery development and other Environment protection measures	Expenditure proposed for on Air pollution, water pollution and land pollution control measures, Greenery development and other Environment protection measures as recurring is 206 lacs	673

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

Particulars

Factory has already implemented all the necessary pollution control measures. Green belt development programme is a regular features.

Name & Designation

DEVENDRA PRASAD TRIPATHI, MANAGER HSE