



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

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

R81 Thermal Power Plants

Last Environmental statement submitted online

yes

Consent Number

BO/EIC no. CH-1764-15/CAC-CELL/CAC-13310

Consent Issue Date

19.10.2015

Consent Valid Upto

31.08.2016

Product Information

Product Name

Electricity generation

Consent Quantity

5256000

Actual Quantity

369154

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

219

Cooling

49440

8522

Domestic

40

35

All others

0

0

Total

54760

8776

1) Effluent Generation in CMD / MLD

Particulars

Trade Effluent

Consent Quantity

7776

Actual Quantity

134

UOM

CMD

Domestic Effluent

32

30

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	3.3	2.6	

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	0.689	0.6643	
LDO	0.00000288	0.000001206	
Hydrochloric Acid	0.000206	0.0001143	
Caustic Lye	0.000088	0.00005086	
Sulphuric Acid	0.00036	0.00034	
Sodium hypochlorite	0.000179	0.000242	
Alum	0.000069	0.0000642	
Lime	0.000003	0.000023	

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	4029600	245235	MT/A
LDO	4066	445	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
SS	3	22.55	0	100	0
OIL & GREASE	0.01	0.11	0	10	0
BOD	1.11	8.33	0	30	0
COD	14	107	0	250	0
TDS	188	1406	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
TPM	465	25.37	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	1.2	4.2	MT/A
34.2 Toxic metal-containing residue from water purificatio	3.2	0	MT/A
33.3 Discarded containers / barrels / liner	0	0	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	85475	72385	MT/A
BOTTOM ASH	15963	10310	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	4.2	MT/A	Well below the norms
34.2 Toxic metal-containing residue from water purification	0	MT/A	0
34.4 Chemical sludge, oil and grease skimming residue	0	MT/A	0
33.3 Discarded containers / barrels / liner	0	Nos./Y	0

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	72385	MT/A	NA
BOTTOM ASH	10310	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)
After commissioning, plant run for very short duration	0	0	0	0	0	0

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)
--	--	-----------------------------------

Expenditure made 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

0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacs)

Expenditure 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

111.50 lacs

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

BASAB GHOSE, VICE PRESIDENT