



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2017

Company Information

Company Name	AMBA RIVER COKE LTD (Pellet Plant)	Application UAN number	NA		
Address	GEETAPURAM	Taluka	PEN	Village	DOLVI
Plot no	Pellet Plant	Scale	LARGE	City	RAIGAD
Capital Investment (In lakhs)	Pellet Plant	Person Name	VITTHAL M WAGHCHAURE	Designation	GENERAL MANAGER
Pincode	402107	Fax Number	2143-277542	Email	Vitthal.Waghchaure@jsw.in
Telephone Number	2143-277501	Industry Category	Red	Industry Type	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Region	SRO-Raigad II	Consent Number	Format No-1/BO/CAC/-Cell/EIC No:- RD-3100-15/CAC/CAC-11087	Consent Issue Date	21/08/2015
Last Environmental statement submitted online	yes	Consent Valid Upto	30/06/2018		

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Pellet	4000000	3967720	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	NA	NA	MT/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	3360	1399.23
Domestic	36	30
All others	NA	NA
Total	3396	1429.23

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
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TRADE EFFLUENT	NIL	NIL	CMD
DOMESTIC EFFLUENT	15.0	12	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
Pellet (M3/Unit of Product)	0.193	0.1287	Qnt/Y

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
Iron ore fines- Bachel & Kirandul	0.374	0.248	MT/A
Iron Ore Fines -Import	0.039	0.315	MT/A
Iron Ore Fines -Odisha+ DOM-Rawmat	NIL	0.144	MT/A
Iron Ore Fines -Salav	.0027	0.0073	MT/A
Iron Ore fines	0.353	0.351	MT/A
GCP Dust Internal	NIL	0.0139	MT/A
SIP Sludge Internal	NIL	0.00039	MT/A
Bentonite	0.008	0.0045	MT/A
Lime Stone fines, Aggregate, Dolomite fines & Aggregate	0.021	0.0275	MT/A
Coke Fines Internal & Purchase	0.001	0.0085	MT/A
Polygel	NIL	.03369	MT/A
Coal (Pur)	NIL	0.0035	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Mixed Gas(BF & Coke Oven Gas) M3/Hr	37878.75	33306.361	

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 Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	NA	NA	NA	NA	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 %variation	Standard	Reason
De-dusting system 1 and 2	13.74	19.59	72	150	NA
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De-dusting system 3	8.94	20.28	69	150	NA
Main ESP	236.30	10.58	69	150	NA
De-dusting system 7	16.85	15.69	81	150	NA
De-dusting system 8	41.41	17.99	79	150	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	6000	10000	Ltr/A
5.2 Wastes/residue containing oil	101	NIL	Qnt/Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	Qnt/Y

SOLID WASTES

1) From Process

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

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
De dusting System Dust	138485	19803	Qnt/Y

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	Qnt/Y

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	10000	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
The Solid waste (Dedusting system Dust) 1	19803	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)
NA	NA	NA	NA	NA	7460	NA

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)
NA	NA	NA

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
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Any other particulars in respect of environmental protection and abatement of pollution.**Particulars**

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 200564 Nos. big trees and 493781 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted

Name & Designation

Vitthal M Waghchaure General Manager