



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-0000034093

Submitted Date

16-08-2021

PART A

Company Information

Company Name

AMBA RIVER COKE LIMITED(PELLET PLANT)

Application UAN number

BO/CAC-CELL/UAN NO.0000045570-18/5
th CAC-18110000988

Address

GEETAPURAM DOLVI

Plot no

08

Taluka

PEN

Village

JUI BAPUJI DOLVI

Capital Investment (In lakhs)

114713

Scale

large

City

pen

Pincode

402107

Person Name

DR. ANAND RAI

Designation

GENERAL MANAGER (HOD-ENVIRONMENT)

Telephone Number

9607971413

Fax Number

2173-277542

Email

anand.rai@jsw.in

Region

SRO-Raigad II

Industry Category

Red

Industry Type

R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Last Environmental statement submitted online

yes

Consent Number

BO/CAC-CELL/UAN NO.0000045570-18/5
th CAC-1811000098

Consent Issue Date

02/11/2018

Consent Valid Upto

30/09/2022

Establishment Year

2014

Date of last environment statement submitted

Sep 15 2020 12:00:00:000AM

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

RED

Product Information

Product Name

PELLET

Consent Quantity

4000000

Actual Quantity

3212391

UOM

MT/A

By-product Information

By Product Name

NIL

Consent Quantity

0

Actual Quantity

0

UOM

Qnt/Y

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
	NA	NA
Cooling	3366	1399
Domestic	36	34
All others	NA.	NA.
Total	3396	1433

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	NIL	NIL	CMD
DOMESTIC Effluent	15	14	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)	0.109	0.142	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	0.411	0.676	MT/A
iron fines salav	0.019	0.025	MT/A
coal (pur)	0.002	0.00002	MT/A
Bentonite	0.006	0.005	MT/A
lime stone fines,Aggregate,Dolomite fines & aggregate	0.025	0.0258	MT/A
Coke fines internal & purchase	0.009	0.012	MT/A
GCP Dust	0.015	0.025	MT/A
iron ore fines-IMPORTS	0.007	NIL	MT/A
iron ore fines-ODISHA	0.0534	0.314	MT/A
iron ore fines- JABLPURE	0.0053	0.0471	MT/A
iron ore fines- PELLET FEED	0.0488	0.0017	MT/A
ROM Fines	NIL	0.0029	MT/A
Iron Ore Fines - Iron Pyrite	0	0.00174	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
coke Oven Gas (KM3)	NIL	64723	CMD
BF Gas (NM3)	NIL	195007180 KM3/HR	CMD

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) Quantity	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) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
DEDUSTING SYSTEM 1& 2 STACK	96.5	24.3	37.8	150	NA
DEDUSTING SYSTEM 3 STACK	31.9	27.3	36.4	150	NA
MAIN FURNACE STACK	487.2	21.0	39.5	150	NA
DEDUSTING SYSTEM 4 STACK	30.6	31.3	40.5	150	NA
DEDUSTING SYSTEM 5 STACK	50.1	35.8	40.5	150	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	6000	NIL	Ltr/A
5.2 Wastes or residues containing oil	NIL	740	Kg/Annum

2) From Pollution Control Facilities

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

Part-E**SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ESP & BAG FILTER DUST	22423	25856	Ton/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	22423	2585	Ton/Y

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	NIL	Ltr/A	Sent to MPCB Authorised Recycler
5.2 Wastes or residues containing oil	740	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
ESP & BAG FILTER DUST	25856	Ton/Y	100% recycled IN PELLETT PLANT

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.	NA.	NA.	NA.	NA.	114713	NA.

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)
NA	NA	NA

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	NA

Part-I

Any other particulars for improving the quality of the environment.

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 202764 Nos. big trees and 564600 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI GENERAL MANAGER (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000034093

Submitted On:

16-08-2021