



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-0000034060

Submitted Date

14-08-2021

PART A

Company Information

Company Name

AMBA RIVER COKE LIMITED COKE OVEN PLANT

Application UAN number

BO/CAC-CELL/UAN NO.0000024004-17
CAC-1803000008

Address

GEETAPURAM DOLVI

Plot no

01

Taluka

PEN

Village

JUI BAPUJI DOLVI

Capital Investment (In lakhs)

78300

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

R19 Coke making , liquefaction, coal tar distillation or fuel gas making

Last Environmental statement submitted online

yes

Consent Number

BO/CAC-CELL/UAN NO.0000024004-17
CAC-1803000008

Consent Issue Date

01/03/2018

Consent Valid Upto

31/05/2022

Establishment Year

2008

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

DRY COKE

Consent Quantity

1000000

Actual Quantity

941604

UOM

MT/A

By-product Information

By Product Name

TAR

Consent Quantity

47000

Actual Quantity

36005

UOM

Qnt/Y

COKE OVEN GAS

456687*1000000

40945.287

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
Cooling	7373	5397.4
Domestic	36.24	34
All others	NA.	NA.
Total	7409.24	5431.4

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	2160	100% RECYCLE IN THE PROCESS	CMD
DOMESTIV Effluent	30	23	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
COKE (m3/Unit of product)	1.95	1.67	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
Hard Coking coal	0.590	0.507	MT/A
Semi Hard coal	0.288	0.251	MT/A
PCI coal	0.590	0.100	MT/A
SECONDRY Hard Coking coal	0	0.468	MT/A
MCK/SMM/NAMOI	0	0.096	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
coke Oven Gas (M3/Hr)	7500 NM3/HR	26.13 KM3/HR	CMD
BF Gas (M3/Hr)	120000 NM3/HR	921.86 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
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MAIN STACK	299.0	28.0	36.0	50	NA
GROUND DEDUSTING STACK	62.9	12.0	44.0	25	NA
BOILER STACK	64.7	18.9	40.5	50	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	NIL	NIL	Ltr/A
5.2 Wastes or residues containing oil	730	740	Ltr/A
13.4 Decanter tank tar sludge	71.09	53.39	Ton/Y
35.2 Spent ion exchange resin containing toxic metals	6.2	NIL	Ton/Y
35.3 Chemical sludge from waste water treatment	NIL	NIL	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
COKE BREEZE	10220	12118	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COAL AND COKE DUST	271.75	313.7	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	1049175	12431.7	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	Sent to MPCB Authorised Recycler
13.4 Decanter tank tar sludge	5339	Ton/Y	Sent to MPCB Authorised Recycler
35.3 Chemical sludge from waste water treatment	NIL	Ltr/A	Sent to MPCB Authorised Recycler

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
COKE BREEZE3& COKE COAL DUST dust	12431.7	Ton/Y	100% recycled IN COKE MAKING & COAL BLENDED

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.	78300	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 564000 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-0000034060

Submitted On:

14-08-2021