



GOA STATE POLLUTION CONTROL BOARD

FORM V

(See Rule 14)

Environmental Statement for the financial year ending on 31st March on or before 30th of September every year.

PART A

- (i) Name and address of the owner/ occupier of the industry operation or process : N L Vhatte
- (ii) Industry category Primary-(STC Code) : RED, Coke making , liquefaction, coal tar distillation or fuel gas making
Secondary-(STC Code)
- (iii) Production capacity : Mili Liter

Production Name	Production Capacity	Production Unit
Metallurgical Coke	300000	Metric Tonnes/Year
Generation of Power	35 MW	Megawatt

- (iv) Year of establishment : March 2012
- (v) Date of the last environment statement submitted : 18/09/2020

PART B

1. Water consumption m3/ d

Process : Waste Heat Recovery Power Plant-2-127.17 m3/day,Coke Oven Plant -Expansion-Nil

Cooling : Waste Heat Recovery -1552.2 m3/day,Coke Oven Plant -Expansion-649.7m3/day

Domestic : WHRPP2-2m3/day, Met Coke Plant -6.1 m3/day

Name of products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
Metallurgical Coke	For Coke Quenching 1 m3/ t Coke	For Coke Quenching 1 m3/ t Coke
Power from waste heat	0.231 m3 for 1 MWh power Generation	0.265 m3 for 1 MWh power Generation

2. Raw material consumption

Name of raw materials	Name of products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
Coking Coal	Metallurgical Coke	1329.2Kg/T of product	1320Kg/T of product

Waste heat of Coke Oven flue gas and blast furnace gas	Power	3.627 Mil kcal for 1 Mwh generation	3.871 Mil kcal for 1 Mwh generation
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*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment/ unit of output.

Pollution	Quantity of pollutants discharged(mass/day)	Concentration of pollutants in discharges(mass/volume)	Percentage of variation from prescribed standards with reasons
Water	Process water generated is recycled and reused in process. No water is discharged out side the plant.	NIL	NIL
Water	Avg. Cooling Tower Blow down is 88.068 m3/day	NIL	NIL
Air			
Air	Nil as flue gas is let out through WHRPP (waste heat recovery power plant) stack.	NIL	NIL
Air	Monitoring carried out as per Consent conditions and is within permissible limit, and results submitted to GSPCB	NIL	NIL

Name of Pollutants : .

PART D

Hazardous Wastes

(as specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	Used Oil Generated Qty -04 MT,Cotton waste Generated Qty - 0.191 MT ,Pain Tins – Generated qty is NIL	Used Oil Generated Qty -3.24 MT,Cotton waste Generated Qty - 0.150MT ,Pain Tins – Generated qty - 0.478
(b) From pollution control facilities	NIL	NIL

PART E

Solid Wastes

	Total Quantity	
	During the previous financial year	During the current financial year
(a) From process	Nil	Nil
(b) From pollution control facility	Nil	Nil
(c)(1) Quantity recycled or re-utilised within the unit	Nil	Nil
(2) Sold		
(3) Disposed		

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes Used oil is stored in empty oil barrels in an earmarked area and same is sent to disposal to authorized vendor.

Cotton waste is disposed within plant at met coke division for incineration

Paint tins are stored at designated place and same is disposed to authorised vendor.

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PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production Installation of advanced Dedusting System at MCD Battery 2 for effective suction of dust generated during screening

The water used for coke quenching is recycled & recirculated, after settling in the tanks

Plantation carried out during monsoon season

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PART H

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

PART I

Any other particulars for improving the quality of the environment .

Remarks : .