

FORM – V

for the Year April- 2019–March-2020

ENVIRONMENTAL STATEMENT REPORT For Year 2019–2020**M/s. GALLANTT METAL LIMITED****PART – A**

- i Name & address of the owner / Occupier of the industry operation or process : Mr. PRASHANT JALAN (DIRECTOR)
M/s. GALLANTT METAL LIMITED
SURVEY NO 175/1, NEAR TOLL GATE,
VILLAGE SAMAKHIVALI,
TALUKA BHACHAU, KUTCH, GUJARAT
- ii Date of the last environmental Audit Report submitted : June 2018
- iii Production Capacity : REFER ANNEXURE – I
- iv Year of Establishment : 2005
- v Last Environment Statement Submitted : June 2019

PART – B**WATER AND RAW MATERIAL CONSUMPTION**(i) Water Consumption, m³ / day

Cooling & Boiler: 897.12 KL/Day

Domestic & Others: 202.58 KL/Day

(Including Green Belt, Gardening & Dust Suppression etc)

Name of Products	Water consumption per unit of product output	
	During the previous financial year	During the current financial year
	(1)	(2)
1. SPONGE IRON, BILLETS /IGNOTS, M.S. BAR, RUNNER & RISER & MISS ROLLED BAR	0.24 KL/MT	0.20 KL/MT
2. POWER	0.54 KL/MW	0.72KL//MW

For GALLANTT METAL LTD.


 Authorised Signatory

(ii) Raw material consumption

Name of raw material consumed	Name of Products	Consumption of raw material per Day
REFER ANNEXURE - I	SPONGE IRON, BILLETS /IGNOTS, M.S. BAR, RUNNER & RISER, MISS ROLLED BAR, POWER	REFER ANNEXURE - I

PART - C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

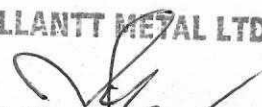
Pollutants	Quality of Pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/day)	Percentage of variation from prescribed standards with reasons
(a) Water	INDUSTRIAL: NIL	ZERO DISCHARGE. WASTE WATER GENERATED IS TREATED IN ETP & REUSED FOR GARDENING PURPOSE & SPRINKLING PURPOSE WITHIN FACTORY PREMISES	
	DOMESTIC: 135KL/DAY	TREATED IN STP AND USED IN GARDENING & DUST SUPPRESSION	
(b) Air			
PLEASE REFER ANNEXURE-II		PM < 100 MG/NM3 SOx < 100 PPM NOx < 50 PPM	WITHIN LIMIT

PART - D

HAZARDOUS WASTES

Hazardous Wastes	Total Quantity (kg)	
	During the previous financial year	During the current financial year
(a) From process	NIL	NIL
(b) From pollution control facility		
USED OIL	1.414 MT	1.552 MT
USED ION EXCHANGE RESINS	0.347 MT	0.345 MT
RESIDUAL TAR	NIL	NIL

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PART - E
SOLID WASTES

Solid Wastes	Total Quantity (kg)	
	During the previous financial year	During the current financial year
(a) From process	CHAR 25581.000 MT ASH 44523.180 MT SLAG 14931.000 MT ACERTION MATERIAL 535.00MT	CHAR 26964.000 MT ASH 45771.520 MT SLAG 14552.000 MT ACERTION MATERIAL 512.000MT
(b) From pollution control facility	NIL	NIL
(c) (1) Quantity recycled or re-utilized within the unit	CHAR - 22396.000 MT ASH - 0.000 MT	CHAR - 23422.000 MT ASH - 0.000 MT
(2) Sold Send to Brick Manufacturers	CHAR- 2737.590 MT ASH - 30688.000 MT	CHAR- 4550.490 MT ASH - 30127.780 MT
(3) Disposed (Sent to land filling site/used in land filling)	ASH - 14457.660 MT SLAG 14931.000 MT ACERTION MATERIAL 535.00MT	ASH - 15758.820 MT SLAG 14552.000 MT ACERTION MATERIAL 512.00MT

PART - F

Please specify the characteristics (in terms of concentration & quantum) of hazardous as well as solid wastes & indicate disposal practice adopted for both these categories of wastes.

USED OIL - 1.617 MT/YEAR
 USED ION EXCHANGE RESIN 0.350 MT/YEAR
 RESIDUAL TAR 3.60 MT/YEAR
 CHAR - 58290.000 MT/YEAR
 ASH - 51540.000 MT/YEAR
 SLAG - 16250.000 MT/YEAR
 ACCRETION MATERIAL 550.000 MT/YEAR

USED OIL IS SENT TO REGD RECYCLERS
 USED ION EXCHANGE RESIN IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
 RESIDUAL TAR IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
 CHAR IS REUSED IN AFBC & SOLD.
 ASH IS SENT TO TSDF SITE/SOLD FOR BRICK MANUFACTURING
 SLAG IS USED IN LAND FILLING
 ACCRETION MATERIAL IS USED IN LAND FILLING

PART - G

Impact of the pollution control measures taken on conservation of natural resources & consequently on the cost of production.

AIR	PLEASE REFER ANNEXURE-II
WATER	INDUSTRIAL - TREATED EFFLUENT IS REUSED FOR GARDENING PURPOSE & SPRINKLING PURPOSE WITHIN FACTORY PREMISES

DOMESTIC - DOMESTIC EFFLUENT IS TREATED IN STP AND USED IN GARDENING & DUST SUPPRESSION

HAZARDOUS/SOLID WASTE USED OIL IS SENT TO REGD RECYCLERS.
USED ION EXCHANGE RESIN IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
RESIDUAL TAR IS SENT TO TSDF SITE FOR SUITABLE TREATMENT
CHAR IS REUSED IN AFBC & SOLD.
ASH IS SENT TO TSDF SITE/SOLD FOR BRICK MANUFACTURING
SLAG IS USED IN LAND FILLING
ACCRETION MATERIALS USED IN LAND FILLING

PART - H

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

THE COMPANY IS COMMITTED TO INVEST REGULAR FUNDS FOR THE ABATEMENT OF POLLUTION AS PER THE REQUIREMENT

PART - I

Any other particulars for improving the quality of the environment.

ALL THE ADEQUATE STEPS HAVE BEEN TAKEN TO PROTECT THE ENVIRONMENT AND INDUSTRY IS A MEMBER OF TSDF SITE MAINTAINED BY M/s. SAURASHTRA ENVIRO PROJECTS PVT. LTD.

Prepared By

Date: 27.06.2020

For

M/s. GALLANT METAL LIMITED


Authorized Signatory
(Authorized Signatory)

ANNEXURE – I


Products

Product	Total quantity
Sponge iron	18750 MT/month
Billets ingots	23500 MT/month
MS bar	22915 MT/month
Runner & Riser	74.25 MT/month
Miss rolled	445.50 MT/month
Power	
WHRB	8 MW
AFBC	25 MW

Raw material consumption

Raw material	Quantity
Billets	23746.000 MT/month
Char for AFBC	5566.200 MT/month
Coal for AFBC	15627.300 MT/month
Coal for sponge iron	20100.000 MT/month
Iron ore	30000.000 MT/month
M.S. scrap	10938.000 MT/month
Sponge iron	15734.000 MT/month
Waste heat	2176000 Cubic Meter/day

For GALLANTT METAL LTD.


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ANNEXURE – II

AIR POLLUTION CONTROL MEASURES

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control measures
1.	Rotary Kiln No. 1 & 2	35m	Recouptur & ESP with each kiln
2	Rotary Kiln No. 3 & 4	35m	Recouptur & ESP with each kiln
3.	Induction Furnace No. 1, 2	48m	Bag Filter with Spark Trapper and Poppet Dampers
4	Induction Furnace No. 3 & 4	48m	Bag Filter with Spark Trapper and Poppet Dampers
5.	Reheating furnace	30m	----
6.	D.G Set -3 Nos Not in use (only stand by)	12 m	-----
7.	AFBC boiler	90 m	ESP
8.	Coal crusher house	30 m	Bag Filter

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