

FORM – V

for the Year April- 2017–March-2018

ENVIRONMENTAL STATEMENT REPORT For Year 2017–2018

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 2017
- iii Production Capacity : REFER ANNEXURE – I
- iv Year of Establishment : 2005
- v Last Environment Statement Submitted : June 2017

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(i) Water Consumption, m³ / day

Cooling & Boiler: 914.35 KL/Day
Domestic & Others: 274.10 KL/Day
(Including Green Belt, Gardening & Dust Suppression etc)

Name of Products	Water consumption per unit of product output	
	During the previous financial year (1)	During the current financial year (2)
1. SPONGE IRON, BILLETS /IGNOTS, M.S. BAR, RUNNER & RISER & MISS ROLLED BAR	0.87 KL/MT	0.77KL/MT
2. POWER	0.68 KL/MW	0.58KL//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

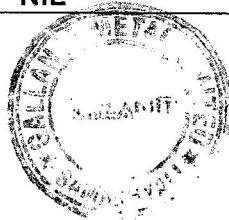
Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

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: 105KL/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	1.419 MT	1.549 MT
USED ION EXCHANGE RESINS	0.346 MT	0.348 MT
RESIDUAL TAR	NIL	NIL



For Gallantt Metal Ltd.

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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	28687.000 MT	CHAR	23733.510 MT
	ASH	32787.850 MT	ASH	45785.030 MT
	SLAG	11248.000 MT	SLAG	13116.000 MT
	ACERTION MATERIAL	453.00MT	ACERTION MATERIAL	492.00MT
(b) From pollution control facility	NIL		NIL	
(c) (1) Quantity recycled or re-utilized within the unit	CHAR –	26476.720 MT	CHAR –	24839.600 MT
	ASH –	0.000 MT	ASH –	0.000 MT
(2) Sold Send to Brick Manufacturers	CHAR-	2082.080MT	CHAR-	6568.830 MT
	ASH -	18521.440MT	ASH -	32381.740 MT
(3) Disposed (Sent to land filling site/used in land filling)	ASH -	13388.450 MT	ASH -	13105.460 MT
	SLAG	11248.000 MT	SLAG	13116.000 MT
	ACERTION MATERIAL	453.00MT	ACERTION MATERIAL	492.00MT

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

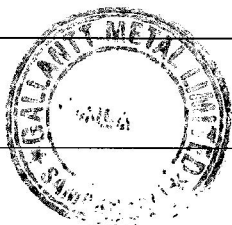
USED OIL IS SENT TO REGD RECYCLERS
 USED ION EXCHANGE RESIN IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
 RESIDUAL TAR IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
 CHAR IS REUSED IN AFBC & SOLD.
 ASH IS SENT TO TSDF SITE/SOLD FOR BRICK MANUFACTURING
 SLAG IS USED IN LAND FILLING
 ACCRETION MATERIALS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



For Gallant Metal Ltd.

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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: 24.05.2018

For

M/s. GALIANT METAL LIMITED
For GALIANT METAL LTD.


Authorized Signatory
(Authorized Signatory)

ANNEXURE – I

Products

Product	Total quantity
Sponge iron	18750 MT/month
Billets ingots	21450 MT/month
MS bar	20915 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	21674.000 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	10277.500 MT/month
Sponge iron	14077.500 MT/month
Waste heat	2176000 Cubic Meter/day



For Gallant 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	Recouperatur & ESP with each kiln
2	Rotary Kiln No. 3 & 4	35m	Recouperatur & 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



For Gallant Metal Ltd.

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