

ENVIRONMENTAL STATEMENT REPORT For Year 2016–2017**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 2016
- iii Production Capacity : REFER ANNEXURE – I
- iv Year of Establishment : 2005
- v Last Environment Statement Submitted : May 2016

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

Cooling & Boiler: 909.08 KL/Day
Domestic & Others: 315.42 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	0.16 KL/MT	0.19 KL/MT
2. POWER	1.06 KL/MW	1.03 KL/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 & REUSED FOR GARDENING PURPOSE & SPRINKLING PURPOSE WITHIN FACTORY PREMISES	
	DOMESTIC: 105KL/DAY	DISCHARGE IN SEPTIC TANK/ SOAK PIT	
(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	1.541 MT	1.419 MT
USED ION EXCHANGE RESINS	0.347 MT	0.346 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 26740.320 MT ASH 32649.810 MT SLAG 9945.000 MT ACCRETION 448.000 MT MATERIAL	CHAR 28687.000 MT ASH 32787.850 MT SLAG 11248.000 MT ACCRETION 453..00MT MATERIAL
(b) From pollution control facility	NIL	NIL
(c) (1) Quantity recycled or re-utilized within the unit	CHAR – 27034.720 MT ASH – 0.000 MT	CHAR – 26476.720 MT ASH – 0.000 MT
(2) Sold Send to Brick Manufacturers	CHAR- 0.000 MT ASH - 6453.620 MT	CHAR- 2082.080MT ASH - 18521.440MT
(3) Disposed (Sent to land filling site/used in land filling)	ASH - 14333.530 MT SLAG 9945.000 MT ACCRETION 448.000 MT MATERIAL	ASH - 13388.450 MT SLAG 11248.000 MT ACCRETION 453..00MT MATERIAL

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 550.000 MT/YEAR
MATERIAL

USED OIL IS REUSED AS A LUBRICANT WITHIN FACTORY PREMISES/SENT TO REGD RECYCLERS
USED ION EXCHANGE RESIN IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
RESIDUAL TAR IS REUSED FOR LAND FILLING & ROAD LEVELLING.
CHAR IS REUSED IN AFBC & SOLD.
ASH IS SENT TO LAND FILLING SITE/SOLD AND REUSED FOR BRICK MANUFACTURING
SLAG IS USED IN LAND FILLING
ACCRETION MATERIAL IS USED IN LAND FILLING

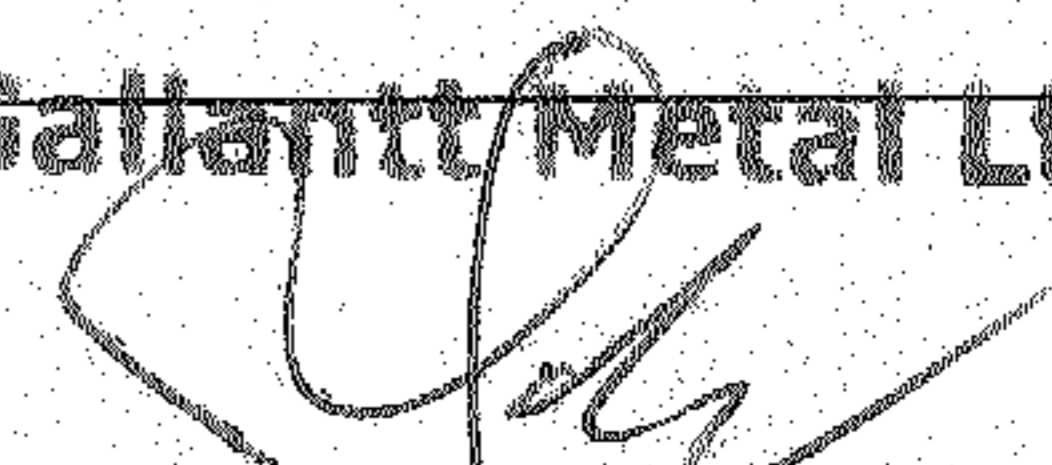
PART – G

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**

For Gallantt Metal Ltd.


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DOMESTIC - DOMESTIC EFFLUENT IS DISCHARGE IN TO SEPTIC TANK / SOAK
PIT SYSTEM

HAZARDOUS/SOLII WASTE USED OIL IS REUSED AS A LUBRICANT WITHIN FACTORY PREMISES.
USED ION EXCHANGE RESIN IS SENT TO TSDF SITE FOR SUITABLE TREATMENT.
RESIDUAL TAR IS REUSED FOR LAND FILLING & ROAD LEVELLING
CHAR IS REUSED IN AFBC & SOLD.
ASH IS SENT TO LAND FILLING SITE/SOLD AND REUSED FOR BRICK MFG
SLAG IS USED IN LAND FILLING
ACCRETION MATERIALIS USED IN LAND FILLING

PART - H

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

THE COMPANY IS COMITTED 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: 08.06.2017

For

For **Ms. GALAN METAL LIMITED**


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 MT/month
Char for AFBC	5566.2 MT/month
Coal for AFBC	15627.3 MT/month
Coal for sponge iron	20100 MT/month
Iron ore	30000 MT/month
MS scrap	10277.50 MT/month
Sponge iron	14077.50 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	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

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