ENVIRONMENTAL COMPLIANCE FOR

12MW COAL BASED CAPTIVE POWER PLANT AT SAMAKHIYALI, KUTCH BY M/S GALLANTT METAL LTD-ENVIRONMENT CLEARANCE - REGARDING

No	Conditions	Compliance Status
1	**No additional land shall be acquired for the project or any activities associated with it**	No additional land has been acquired for the project or any activity associated with it. Captive power plant has been commissioned in the existing premises in an area of 4.86 ha. **Complied**
2	**A stack of 90 m with exit velocity of not less than 8 m/sec shall be provided with continuous On-line monitoring system. The monitored data shall be analyzed and submitted regularly to the Ministry and its Regional Office at Bhopal.**	Stack of 90 m height with exit velocity of not less than 8m/sec is provided along with Continuous online Emission monitoring system to monitor SPM, Sox & Nox. The analyzed monitored data is being regularly submitted to the Ministry and its Regional Office at Bhopal. Environmental parameters as per monitoring audit conducted by **Royal Environment Auditing & Consultancy Service,** Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 1** below & copy of the same is attached as **Annexure A1.** **Compliance Assured**

STACK EMISSION MONITORING
TABLE 1

Stack Monitoring Station	SPM (mg/Nm3)				NOX (mg/Nm3)				SO2 (mg/Nm3)			
	Limit	Max	Min	Avg	Limit	Max	Min	Avg	Limit	Max	Min	Avg
Power Plant	**50**	42.7	41.6	42.15	**300**	86.4	84.6	85.5	**600**	91.5	89.6	90.55

3	**High efficiency Electrostatic Precipitators (ESPs) shall be installed to limit particulate emission within 100 mg/Nm3**	High efficiency **Thermax make** Electrostatic Precipitators (ESPs) has been installed with four nos of Mechanical and four nos of Electrical field to limit

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		particulate emission below 100 mg/Nm3. Particulate emission parameters as per monitoring audit conducted by **Royal Environment Auditing & Consultancy Service,** Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 2** below & copy of the same is attached as **Annexure A1.** **Compliance Assured**

STACK EMISSION MONITORING REPORT

TABLE 2

Stack Monitoring Station	SPM (mg/Nm3)			
	Limit	Max	Min	Avg
Power Plant	50	42.7	41.6	42.15

4	**AFBC boilers shall be provided**	AFBC Boiler has been provided. **Complied**
5	**Air cooled condensers shall be installed**	Air Cooled Condenser has been installed. **Complied**
6	**Water requirement shall not exceed 363 m^3/day and shall be obtained from GWIL Narmada Water Pipeline. No Ground water shall be extracted for any purpose for the project.**	• Water Consumption is within the limit as per conditions. Water is being obtained from GWIL Narmada Water Pipeline. No Ground water is being extracted for any purpose for the project. • **Water balance diagram** is attached as **Annexure A2.**

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7	**There shall be zero discharge outside the plant boundary. The treated effluents conforming to the prescribed standards shall be re circulated and reused within the plant boundary.**	The effluent generated from the utility area in plant is treated in effluent treatment plant and reused within the plant premises for dust suppression and gardening purpose. Online flow meter and web camera have been installed and connected with CPCB and GPCB and commissioned for zero liquid discharge plant There is no discharge outside the plant premises via drains except during monsoon for storm water. The treated effluent parmetres are within prescribed standards. The treated effluent parameters as per analysis conducted by **Royal Environment Auditing & Consultancy Service,** Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 3** below & copy of the same is attached as **Annexure A3.** **Complied.**

TREATED EFFLUENT RESULTS

TABLE 3

Parameter	Prescribed norms (mg/L)	Effluent Quality-Min. (mg/L)	Effluent Quality-Max. (mg/L)
pH	6.5 TO 8.5	7.34	7.63
Suspended Solids	100	18	20
Oil & Grease	10	0.52	0.61
Copper	1.0	0.42	0.44
Iron as Fe	1.0	0.39	0.51
Phosphate	5	1.0	1.1
Totel Chromium	0.20	TRACE	TRACE
Zinc as Zn	1.0	TRACE	TRACE
BOD 3 Days @ °C	30	14	16
COD	100	38	40
Hexavelent Cr	0.1	TRACE	TRACE

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8.	**Rain water harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority /State Ground Water Board and a copy of the same shall be submitted within three months to this Ministry.**	• Rain water harvesting measures have been implemeted by means of creating two ponds for storage of water with capacity of 9000 KL and 3890 KL respectively. • Presently rain water is collected into pond and reused in the process after necessary treatment • Company has provided proper drainage system for rainwater to prevent water logging within and in the vicinity of the plant.
9	**Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise areas, personal protection devices should be provided.**	Workplace noise level monitoring is being conducted on regular basis to identify high noise levels. Workers employed in High Noise area are provided with proper PPEs. Leq of noise level is being limited to less than 75 dBA & regular maintenance of equipment is done & personal protective equipments are provided to workers. Enclosures are provided with the equipments producing high level of noise. Periodic Audiometric tests of the workmen employed in High Noise Area is also conducted as part of workers 'Health Surveillance Program'. Ambient Noise Level is monitored regularly and is controlled within stipulated limit. Parameters as per monitoring report conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 4** below & copy of the same is attached as **Annexure A4.** Complied

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Ambient Noise Level Monitoring Station	Noise Level (dBA) TABLE 4							
	Day				Night			
	Limit	Max.	Min.	Avg	Limit	Max.	Min.	Avg
POWER PLANT AREA	75.0	64.7	60.2	62.45	75.0	65.8	63.2	64.5

10	**100 % utilization of ash shall be ensured from day one of commissioning of the plant.**	• 100 % utilization of ash is being ensured from day one of commissioning of the plant. • Fly ash is used for brick manufacturing & **sold** to an integrated TSDF site (Saurashtra Enviro Project Pvt Ltd (SEPPL)) **for utlisation of fly ash as binding Material for solidification and stabilisation not for the disposal purpose.** • Copy of MOU with M/S Saurashtra Enviro Project Pvt Ltd (SEPPL) is attached as **Annexure A5.** • Fly Ash Generated, Utilisatised and disposed From **April'20 to Sep'20** and expected Fly Ash Generation, Utilisation and disposal plan from **01st Oct'20 to March'21** is given in the **Table 5** below.

FLY ASH GENERATED/DISPOSED/UTILISED QUANITY FROM APRIL 2020 TO SEPTEMBER 2020

TABLE 5

OPENING STOCK ON 01/04/20 IN MT	FLY ASH GENERATION IN MT 01/04/20 to 30/09/20	USED FOR BRICK MAKING IN MT 01/04/20 to 30/09/20	SEND TO TSDF SITES IN MT 01/04/20 to 30/09/20	CLOSING STOCK ON 30/09/20 IN MT
972.44	9406.73	11704.460	3965.550	703.270

FLY ASH GENERATION/DISPOSAL/UTILISATION PLAN FOR FROM OCTOBER 2020 TO MARCH 2021

TABLE 6

DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 31/03/21 IN MT

FLY ASH	703.270	20000	10-20% TO BE USED FOR BRICK MAKING, 80-90% TO BE SEND TO TSDF SITE	1000

11	**A green belt shall be developed around the plant boundary covering an area of at least 1.86 ha as part of this project.**	• Green Belt cover is being continuously developed within and around the project site, as well as outside the plant premises. • As per the condition we have already planted the appx 4680 nos of trees around the plant boundary from 2007-2010 covering the area of at least 1.86 ha (appx. 4.6 Acre) as part of this project. **Compliance Assured**
12	**First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.**	During construction phase First aid and Sanitation arrangements were made for the drivers and other contract workers. Complied
13	**Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports shall be submitted to the Regional Office of this Ministry at Bhopal**	Regular monitoring of the ambient air quality is being carried out in and around the power plant and records are being maintained. Environment Management Plan for the location of monitoring stations and frequency of monitoring decided in consultation with the State Pollution Control Board (GPCB). Periodic reports is being submitted to the Regional Office of this Ministry at Bhopal. Ambient air quality parameters are within the stipulated norms. Parameters as per monitoring audit conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 7** below & copy of the same is attached as **Annexure A6**. Complied

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AMBIENT AIR QUALITY MONITORING REPORT
TABLE 7

Ambient Air Quality Station	PM 10 µg/m3				PM2.5 µg/m3				SOx µg/m3				NOx µg/m3			
	Std	Max	Min	Avg	Std	Max	Min	Avg	Std	Max	Min	Avg	Std	Max	Min	Avg
NR POWER-PLANT AREA	100	58	38	48	60	35	33	34	80	12.7	11.2	11.95	80	15.3	14.1	14.7

14	**The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of clearance letter are available with the State Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http: // envfor.nic.in.**	The Public were informed of accorded Environment clearance through an advertisement in **The Times of India (Gujarat)** and **Kutch Mitra** (in the Gujarati language). Copies of clearance letter are available with the State Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http: // envfor.nic.in. Copies of news paper clippings have been submitted to the Regional office of the MoEF and also attached as **Annexure A7.** **Complied**
15	**A separate Environment Management cell with qualified staff shall be set up for implementation of the stipulated Environmental Safeguards**	• A separate Environment Management cell with qualified staff is in place for implementation of the stipulated Environmental Safeguards. • The Company has an Environment Management Ce headed by a Senior Manager. Trained engineers a responsible for incident free operation of all polluti control devices and the enforcement of any rules / la applicable.
16	**Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, its Regional**	• Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards is being regularly submitted to Ministry, its Regional

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	Office and the CPCB/SPCB.	Office and the CPCB/SPCB.
17	**Regional office of the Ministry of Environment & Forests located at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environmental Management Plant along with the additional information submitted to Ministry of Environment & Forests from time to time shall be forwarded to the Regional Office for their use during monitoring.**	• Complete set of documents including Environmental Impact Assessment Report and Environmental Management Plan were submitted to MOEF on the dates given in the **Table8** below. **TABLE 8** **EIA REPORT SUBMISSION DETAILS** MOEF LETTER NO: J-11011/52/2013-IAII(I) dated 19.05.2016 — DATE OF SUBMISSION OF EIA REPORT TO MOEF: 27.08.2014 MOEF LETTER NO: J-11011/231/2009-IAII(I) dated 08.06.2009 — DATE OF SUBMISSION OF EIA REPORT TO MOEF: 04.09.2008 MOEF LETTER NO: J-11011/52/2013-IAII(I) dated 28.09.2007 — DATE OF SUBMISSION OF EIA REPORT TO MOEF: 25.06.2007 • Additional informations were also submitted to MOEF for their use from time to time on the dates given in the **Table 9** below. **TABLE 9** **ADDITIONAL DATA SUBMISSION DETAILS** MOEF LETTER NO. / DATE OF RECEIVING / REPLY DATE No-4-24/2007(ENV)/454 / 27/02/2008 / 25/05/2008 No-5-307/2009(ENV)/2902 / 01/12/2009 / 30/04/2010 No-4-24/2007(ENV)/1447 / 11/08/2014 / 17/09/2014 No-5-52/2016(ENV) / 06/01/2017 / 20/03/2017 No-5-52/2016(ENV)/784 / 13/10/2017 / 19/01/2018 No-5-52/2016(ENV) / 25/10/2017 / 03/04/2018 • Copy of speed post courier is attached as **Annexure A8** for clarity on the submission of documents desired in the said stipulation to the MOEF CC,Regional Office Bhopal.

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<table>
<tr>
<td>18</td>
<td>Separate funds shall be allocated for implementation of environmental protection measures along with item wise break up. These cost shall be included as part of the project cost. The funds earmarked for the Environment Protection measures shall not be diverted for other purposes and year wise expenditure shall be reported to the Ministry.</td>
<td>

Separate fund is earmarked towards the capital cost and recurring cost/annum towards environmental pollution control measures
Rs.0.96 Cr., Rs. 1.46 Cr. & 0.3 Cr. was incurred as capital expenditure during 2018-19,2019-20 & 2020-21 respectively.
Further,recurring expenditure was incurred to the tune of Rs.0.18 Cr., Rs. 0.20 Cr & Rs.0.10 Cr. During 2018-19, 2019-20 & 2020-21 respectively.
Sub-headwise break-up of proposed expenditure for the next financial year (2020-21) is given in Table10 below towards environmental pollution control measures.

TABLE 10
<table>
<tr><th colspan="3">Proposed expenditure Environment Protection Measures for financial year 2020-21</th></tr>
<tr><th>S.No</th><th>SUB HEAD</th><th>Proposed Cost(Capital +Recurring)</th></tr>
<tr><td>1</td><td>Air Pollution Control/Noise Control</td><td>70</td></tr>
<tr><td>2</td><td>Water Pollution Control</td><td>4</td></tr>
<tr><td>3</td><td>Environmental Monitoring and Managment</td><td>18</td></tr>
<tr><td>4</td><td>Green Belt Development</td><td>8</td></tr>
<tr><td>5</td><td>Occupational Health</td><td>6</td></tr>
<tr><td colspan="2">Total</td><td>1.06</td></tr>
</table>
</td>
</tr>
<tr>
<td>19</td>
<td>Full cooperation shall be extended to the Scientists /Officers from the Ministry/ Regional Office of the Ministry at Bhopal /the CPCB/the SPCB who would be monitoring the compliance of Environmental Safeguards.</td>
<td>We undertake to give full cooperation to the Scientists /Officers from the Ministry/ Regional Office of the Ministry at Bhopal /the CPCB/the SPCB who would be monitoring the compliance of Environmental Safeguards.

Noted & Agreed to Comply</td>
</tr>
</table>

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20	**The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the ministry.**	Noted & Agreed to Comply
21	**The EC accorded shall be valid for a period of 5 years to start of production operation by the power plant**	Noted & Agreed to Comply
22	**In Case of any deviation or alteration in the project proposed from that submitted to this Ministry for clearance,a fresh reference shall be made to the Ministry to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required,if any.**	Noted & Agreed to Comply
23	**The above stipulations shall be enforced along with others as under the Water (P & CP) Act,1974, the Air (P & CP) Act,1981, the EP Act,1986, the MSIHC Rules 1989, HWMH Rules, 1989, the PLI Act,1991 and rules there under.**	Noted & Agreed to Comply

LIMITED ★ GALI

EC COMPLIANCE
FOR
Expansion of Steel Plant by installation of Sponge Iron Plant (175 TPD) and Captive Power Plant (7 MW; 5 MW AFBC & 2 MW WHRB) at Sy. No.175, 175/2, 176, 177, 178, 179/1, 179/2, 179/3, 182/1. 184, 185/2, 185/3, 185/4, 185/5 Village Samkhiyali, Taluka Bhachau, District Kutch, Gujarat by M/s Gallantt Metal Ltd.

Sr. No	SPECIFIC CONDITIONS	Compliance status
1.	**Efforts should be made to reduce RSPM levels in the ambient air and a time bound action plan should be submitted. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks and sufficient air pollution control devices should be provided to keep the emission levels below 100 mg/Nm3**	All efforts are being be made to reduce RSPM levels in the ambient air. On-line monitoring facilities has been provided and sufficient air pollution control devices (location and air pollution control devices installed details given in **Table11** below) provided to keep the emission levels below 100 mg/Nm^3. Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service**, Gujarat Pollution Control Board (**GPCB**) approved **Schedule II** Auditor having **NABL accredited** laboratory facility from **Oct'18 to March'19** for all six stacks are given in the **Table 12** below & copy of the same is attached as **Annexure A1**. Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service**, Gujarat Pollution Control Board (**GPCB**) approved **Schedule II** Auditor having **NABL accredited** laboratory facility for PM2.5, PM10,Sox & Nox in the ambient air **from April'20 to Sep'20** are given in the **Table 13** below & copy of the same is attached as **Annexure A6.** **Compliance Assured**

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Air Pollution Control Device

Table 11

Location	Air Pollution Control Equipment
Power Plant	Electro Static Precipitator (ESP)
Rotary Kiln 1 & 2	Electro Static Precipitator (ESP)
Rotary Kiln 3 & 4	Electro Static Precipitator (ESP)
Induction Furnace 1 & 2	Bag Filter With Spark Trapper and Popped Damper
Induction Furnace 3 & 4	Bag Filter With Spark Trapper and Popped Damper
Reheating Furnace	Bag Filter With Forced Draft Cooler

STACK EMISSION MONITORING REPORT VALUES

TABLE 12

Stack Monitoring Station	SPM (mg/Nm3) Limit-100 mg/Nm3			NOX (mg/Nm3) Limit-50 mg/Nm3			SO2 (mg/Nm3) Limit-100 mg/Nm3		
	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
Rotary Kiln 1 & 2	58.6	56.8	57.7	27.6	25.6	26.6	76.5	74.2	75.35
Rotary Kiln 3 &4	72.5	71.6	72.05	28.1	26.2	27.15	74.6	72.5	73.55
Rolling Mill	41	31	36	22.8	18.4	20.6	20.6	19.2	19.9
Induction Furnace F1 & F2	33.5	32.4	32.95	29.82	28.4	29.11	31.8	30.7	31.25
Induction Furnace F3 & F4	35.7	34.6	35.15	28.92	25.3	27.11	33.6	31.5	32.55
Stack Monitoring Station	SPM (mg/Nm3) Limit-50 mg/Nm3			NOX (mg/Nm3) Limit-300 mg/Nm3			SO2 (mg/Nm3) Limit-600 mg/Nm3		
Power Plant	42.7	41.6	42.15	86.4	84.6	85.5	91.5	89.6	90.55

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AMBIENT AIR QUALITY MONITORING REPORT

TABLE 13

Ambient Air Quality Station	PM 10 (µg/m3) Limit-100 µg/m3			PM2.5(µg/m3) Limit-60 µg/m3			Sox(µg/m3) Limit-80 µg/m3			NOx(µg/m3) Limit-80 µg/m3		
	Max.	Min.	Avg.	Max	Min.	Avg.	max.	Min.	Avg.	Max	Min.	Avg.
OFFICER COLONY	60	57	58.5	32	30	31	10.5	9.2	9.85	18.7	16.8	17.75
MAIN SECURITY GATE	63	59	61	38	32	35	11.7	11.2	11.45	20.3	19.4	19.85
B/H KILN 1 & 2	58	38	48	35	33	34	12.7	11.2	11.95	15.3	14.1	14.7
NR.FURNACE AREA	48	38	43	30	28	29	10.3	9.3	9.8	16.1	14.3	15.2

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2.	**Electrostatic precipitator (ESP) shall be provided to DRI kilns, WHRB and AFBC boilers to keep the particulate matters within 100 mg/Nm3. Hot gases from DRI kiln shall be passed through Dust Settling Chamber (DSC) to remove coarse solids and After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB). The gas then shall be cleaned in electrostatic precipitator (ESP) before leaving out into the atmosphere through ID fan and stack**	Electrostatic precipitator (ESP) has been provided to DRI kilns, WHRB and AFBC boilers to keep the particulate matters within 100 mg/Nm3. Hot gases from DRI kiln passed through Dust Settling Chamber (DSC) to remove coarse solids and After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB). The gas then cleaned in electrostatic precipitator (ESP) before leaving out into the atmosphere through ID fan and stack. Particulate Matter values as per monitoring conducted by **Royal Environment Auditing & Consultancy Service**, Gujarat Pollution Control Board (**GPCB**) approved **Schedule II** Auditor having **NABL accredited** laboratory facility from **April'20 to Sep'20** are given in the **Table 14** below & copy of the same is attached as **Annexure A1.** **Complied**

STACK EMISSION MONITORING

TABLE 14

Stack Monitoring Station	SPM (mg/Nm3)				NOX (mg/Nm3)				SO2 (mg/Nm3)			
	Limit	Max	Min	Avg	Limit	Max	Min	Avg	Limit	Max	Min	Avg
Power Plant	50	42.7	41.6	42.15	300	86.4	84.6	85.5	600	91.5	89.6	90.55

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3	**At least four ambient air quality-monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, S02 and NOx are anticipated in consultation with the GPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhopal, GPCB and CPCB once in six months.**	Four Ambient Air Quality Monitoring stations have been established in the downward direction as wellas where maximum ground level concentration of PM10, PM2.5, S02 and Nox in consultation with GPCB. Data on ambient air quality and stack emission is being regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/CPCB once in six months. Ambient air quality parameters are within the stipulated norms. Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service**, Gujarat Pollution Control Board **(GPCB)** approved **Schedule II** Auditor having **NABL accredited** laboratory facility for PM2.5, PM10, Sox & Nox from **April'20 to Sep'20** are given in the **Table 15** below & copy of the same is attached as **Annexure A6. Complied**

AMBIENT AIR QUALITY MONITORING REPORT
TABLE 15

Ambient Air Quality Station	PM 10 (µg/m3) Limit-100µg/m3			PM2.5(µg/m3) Limit-60 µg/m3			Sox(µg/m3) Limit-80 µg/m3			NOx(µg/m3) Limit-80 µg/m3		
	Max.	Min.	Avg.	Max	Min.	Avg.	max.	Min.	Avg.	Max	Min.	Avg.
OFFICER COLONY	60	57	58.5	32	30	31	10.5	9.2	9.85	18.7	16.8	17.75
MAIN SECURITY GATE	63	59	61	38	32	35	11.7	11.2	11.45	20.3	19.4	19.85
B/H KILN 1 & 2	58	38	48	35	33	34	12.7	11.2	11.95	15.3	14.1	14.7
NR.FURNACE AREA	48	38	43	30	28	29	10.3	9.3	9.8	16.1	14.3	15.2

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4.	**Data on ambient air quality stack emissions and fugitive emissions shall be uploaded on the Company's website and also regularly submitted on-line to the Ministry's Regional Office at Bhopal, Gujarat Pollution Control Board (GPCB) and Central Pollution Control Board (CPCB) as well as hard copy once in six months. Data on SPM, S02 and NOx shall also be displayed prominently outside the premises at the appropriate place for the information of general public.**	Data on ambient air quality stack emissions and fugitive emissions has been uploaded on the Company's website and also regularly submitted on-line to the Ministry's Regional Office at Bhopal, Gujarat Pollution Control Board (GPCB) and Central Pollution Control Board (CPCB) as well as hard copy once in six months. Data on SPM, S02 and NOx is being displayed prominently outside the premises at the appropriate place for the information of general public. **Complied**
5	**Secondary fugitive emissions from blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed. The emission standards issued by the Ministry in May, 2008 for the sponge plants shall be followed.**	Status of Compliance of the emission standards issued by the Ministry in May, 2008 for the sponge plants is given below in **Table 16** and is attached as **Annexure A9.**

Table 16

Compliance report of guidelines published by CPCB for sponge iron plant.

1.0	STACK EMISSION STANDARDS	COMPLIANCE STATUS

<table>
<tr>
<td>i.</td>
<td>Stack Emission Standards for Kiln (Particulate Matter) Should be 100 mg/Nm3 (Coal based)</td>
<td>

- Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
- Copy of reports are attached as **Annexure A1.**

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (mg/Nm³)</th><th>OBSERVED VALUE (MIN) (mg/Nm³)</th><th>OBSERVED VALUE (MAX) (mg/Nm³)</th></tr>
<tr><td>PM</td><td>300</td><td>56.8</td><td>58.6</td></tr>
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<tr>
<td>ii.</td>
<td>Carbon Mono oxide (CO) (v/v) Not to exceed 1% (Max.), volume/volume</td>
<td>

- Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
- Copy of Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is attached as **Annexure A10.**

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (%V/V)</th><th>OBSERVED VALUE (MIN) (%V/V)</th><th>OBSERVED VALUE (MAX) (%V/V)</th></tr>
<tr><td>CO</td><td>1.0%</td><td>0.4</td><td>0.5</td></tr>
</table>
</td>
</tr>
<tr>
<td>iii.</td>
<td>The kiln off gas stack height should be calculated for proper dispersion of SO2 (with the formula of $H=14Q^{0.3}$ Where Q=emission of SO2 in Kg/h) as per emission regulations Part III of CPCB. Sulphur percentage shall be the percentage of sulphur in coal. Permissible SO2 emission level with reference to stack height is given below:

<table>
<tr><th>Sr.No</th><th>Q (emission of SO2 in kg/hr)</th><th>H (m)</th></tr>
<tr><td></td><td></td><td></td></tr>
</table>
</td>
<td>

- Height of 35 mtr is being maintained as required against 30 mtr.
- Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is given in Table below.

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD</th><th>OBSERVED VALUE (MAX)</th></tr>
<tr><td>PARTICULATE MATTER</td><td>100 MG/NM3</td><td>72.4 MG/NM3</td></tr>
<tr><td>CARBON MONO OXIDE</td><td>1% (VOL/VOL)</td><td>0.30% (VOL/VOL)</td></tr>
</table>
</td>
</tr>
</table>

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	1.	12.68	30		STACK HEIGHT	30 MTR	35 MTR
	2.	12.69-33.08	40				
	3.	33.09-69.60	50				
	4.	69.61-127.80	60				
	5.	127.81-213.63	70				

	SO2 level need to be maintained using adequate control technology as per the stack height provided by the industry.	
2.0	**STACK EMISSION STANDARDS FROM DE- DUSTING UNITS** **Particulate matter : 100 mg/ Nm3** (i)All de-dusting units should be connected to a stack having a minimum stack height of 30m. In case installation of 30 m height of stack is technically or otherwise not feasible for specific case, the stack height can be reduced but accordingly stringent Particulate Matter emission level required to be achieved by the industry using Particulate Matter dispersion formulae/ model so that ground level concentration of Particulate Matter should not increase beyond the incremental level as it would have been with stack height of 30 m. (ii) Sampling porthole and platform etc. shall be provided as per CPCB emission regulation to facilitate stack monitoring.	• All dedusting units are connected with adequate stack height as per the norms and sampling porthole and platforms etc are provided as per CPCB emission regulation to facilitate stack monitoring. • Requirements is being maintained as per norms.
3.0	**FUGITIVE EMISSION STANDARDS** The fugitive emission of suspended particulate matter (SPM) should not exceed 2000µg/m³ at a distance of 10 m (approx.)from the areas / sources, identified and mentioned below in table 1, where fugitive dust emissions	• Fugitive emission results as per monitoring conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility is within the norms. • Fugitive emission results as per monitoring

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are anticipated. However, the existing industry is allowed up to 3000 μg/m³ of fugitive emission level of suspended particulate matter (SPM) till one year from the date of issue of the notification.

Sr. No	Area	Monitoring Location
1.	Raw material handling area	Wagon tippler, Screen area, Transfer Points, Stock Bin area
2.	Crusher area	Crushing plant, vibrating screen, transfer points
3.	Raw material feed area	Feeder area, Mixing area, transfer points
4.	Cooler discharge area	Over size discharge area, Transfer Points
5.	Product processing area	Intermediate stock bin area. Screening plant, Magnetic Separation unit, Transfer Points, Over size discharge area, Product separation area, Bagging area
6.	Other areas	Areas as specified by State Pollution Control Board

report at **19 different locations** as per G.S.R.414(E) dated 30th May,2008 is given in table below and copy of the same is attached as **Annexure A11**.

LOCATION	EMISSION STANDARD (μg/m³)	OBSERVED VALUE (MIN) (μg/m³)	OBSERVED VALUE (MAX) (μg/m³)
Nr.Vagon Trippler	2000	1790	1812
Nr.screen area	2000	1670	1754
Nr.Transfer point	2000	1544	1569
Nr.stock Bin area	2000	1550	1741
Nr.Crusser area	2000	1525	1571
1540	2000	1523	1569
Nr.Transfer point	2000	1540	1562
Nr.Feeder area	2000	1170	1285
Nr.mixing Feeder area	2000	1620	1670
Nr.Transfer Point	2000	1550	1610
Nr.Wagon tippler	2000	1610	1651
Nr.screen area	2000	1274	1324
Nr.Intermediate stock bin area	2000	1421	1471
Nr.Screening plant	2000	1585	1628
Nr.Magnetic separting plant	2000	1765	1780
Nr.Transfer plant	2000	1375	1380
Nr.Oversize discharge area	2000	1425	1485
Nr.Product separtion	2000	1485	1560
Bagging area	2000	1420	1470

4.0 EFFLUENT DISCHARGE STANDARDS

i. All efforts should be made to reuse and recirculate the water

- The effluent water generated from the utility area in plant is treated in effluent treatment

	and to maintain zero effluent discharge. ii. Storm water/ garland drain should be provided in plant. iii. In case of maintainance/ cleaning of the system the settling tanks effluent of wet scrubbing system or re - circulation system if require to be discharged, should be treated suitably to conform to the following standards: Ph – 5.5 to 9.0 TSS <= 100 mg/l COD <= 250 mg/l Oil and grease <= 10 mg/ l	plant and reused within the plant premises for dust suppression and gardening purpose. • There is no discharge outside the plant premises via drains except during monsoon for storm water. • Domestic waste water is being treated in Sewage treatment plant and reused for gardening and plantation purpose. • Results of the treated effluent is given in table below and copy of the report is attached as **Annexure A3**.

TREATED EFFLUENT RESULTS

Parameter	Prescribed norms (mg/L)	Effluent Quality-Min. (mg/L)	Effluent Quality-Max. (mg/L)
PH	6.5 TO 8.5	7.34	7.63
Suspended solids	100	18	20
Oil& Grease	10	0.52	0.61
Copper	1	0.42	0.44
Iron as Fe	1	0.39	0.51
Phosphate	5	1.0	1.1
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	14	16
COD	100	38	40

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		Hexavelent Cr	0.1	TRACE	TRACE
6	**Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements should also be made to control dust emissions during loading and unloading of the raw material and finished product. Vehicular emissions shall be regularly monitored and records kept.**	• Vehicular pollution principally arises out of emission from the exhausts of vehicles used for transport of raw Material, fly ash and the transport of the workers. However, their effects are highly localized. All the major roads for vehicular movements and approach roads to raw material yards have already been concreted. Interlocking blocks have also been provided along the sides so as to control fugitive dust emission. • Regular water sprinkling is done on coal, raw material, conveyors and also in the unpaved areas. Either covered dumpers or truck covered through tarpaulin has been used to prevent dust emission during transportation. • Dust emission occur due to loading and unloading of raw material, prevented by reducing dropping height and regular water sprinkling in and around the area.			
7	**In-plant control measures for controlling fugitive emissions from spillage/raw materials handling shall be provided. Fugitive emissions shall be controlled by using closed storages, covered belt conveyors, bag house at transfer points and crusher house etc. Bag filters shall be provided to crusher house, screen house and at product handling areas to keep the particulate emissions within the permissible**	In plant control measures like Bag Filter, Dust Extraction System and other measures provided to control the fugitive emission from all the vulnerable sources. • Pulse jet Bag filter system provided at all transfer points, crusher house, screen house, product handling areas etc. Details of nos of bag filter with location given in **Table17** below.			

	limits. Water sprinkling shall be provided at ash dykes and fuel storage area to control fugitive emissions from raw material handling area along with loading and unloading areas to control fugitive emissions. Data on fugitive emissions shall be regularly monitored and records maintained. Bag house/dust collector shall be provided at transfer points, raw material handling area, crusher house, screening plant, stock bin etc. to control fugitive emissions.	• Dry Fog System provided at coal circuit, coal injection and dolachar seperation area. Details of nos of Dry Fog system with location are given in Table7 below • Heavy duty Industrial Vaccum Cleaner provided at product seperation building to control fugutive emission. • Rain gun and water sprinkling system provided at coal storage yard, dump hoppers and conveyors to control the fugitive emission generated during screening, loading, unloading, handling and storage of raw materials. Details of nos of Rain Gun and water sprinkling system with location are given in **Table 17** below. • Erecting the walls high to act as wind shield for storage of raw materials • Fugitive emission results as per monitoring conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility from **April'20 to Sep'20** are given in the **Table 18** below & copy of the same is attached as **Annexure A11.** Compliance Assured

LIST OF POLLUTION CONTROL MEASURES

Table 17

Location	Type Of Air Pollution Control Device	Total Numbers
Coal Screen & Crusher House(DRI)	Bag Filter & Dry Fog system	Bag filter - 01 Nos. Dry Fog system-07 Points
Iron Ore Screen & Crushing House	Bag Filter	Bag filter - 02 Nos

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Coal Transfer Points	Dry Fog System	Dry Fog system-04 Points
Iron Ore transfer Point	Bag Filter	Bag filter - 02 Nos
Coal Injection Area	Injection Bag Filter	Bag filter - 04 Nos
Cooler Discharge Area	Bag Filter	Bag filter - 04 Nos
Blending Area	Bag Filter	Bag filter - 01 Nos
Product Separate Building	Bag Filter	Bag filter - 02 Nos
Dolachar Separate Building	Bag Filter & Dry Fog system	Bag filter - 01 Nos. Dry Fog system-02 Points
CPP Coal crusher & screen area	Bag Filter & Dry Fog system	Bag filter - 02 Nos. Dry Fog system-05 Points
CPP Coal Transfer area	Dry Fog system	Dry Fog system-03 Points
CPP Dolachar Transfer area	Bag Filter	Bag filter - 01 Nos.
DRI Product Handling Building	Bag Filter & Industrial Vacuum Cleaner	Bag filter - 02 Nos. Industrial Vacuum Cleaner -01 No
Coal Storage	Rain gun & Sprinkler	Rain gun -26 Nos. Sprinkler-28 Nos.
Fines Storage & others	Rain gun & Sprinkler	Rain gun -06 Nos. Sprinkler-48 Nos.

FUGUTIVE EMISSION REPORT
TABLE 18

Fugutive Emission Stations	**SPM (µg/M3) Max limit : 2000 µg/M3**	
	READING-1	**READING-2**
NR.WAGON TRIPPLER	1812	1790
NR.SCREEN AREA	1754	1670
NR.TRANSFER POINT	1569	1544
NR.STOCK BIN AREA	1741	1550
NR.CRUSHER AREA	1571	1525
NR.VIBRATING SCREEN	1523	1569
NR.TRANSFER POINT	1562	1540
NR.FEEDER AREA	1285	1170

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NR.MIXING FEEDER AREA	1670	1620
NR.TRANSFER POINT	1610	1550
NR.WAGON TRIPPLER	1651	1610
NR.SCREEN AREA	1274	1324
NR.INTERMEDIATE STOCK BIN AREA	1421	1471
NR.SCREEN PLANT	1628	1585
NR.MAGNETIC SEPRATING POINT	1765	1780
NR.TRANSFER PLANT	1375	1380
NR.OVERSIZE DISCHARGE AREA	1485	1425
NR.PRODUCT SEPARATION	1485	1560
BAGGING AREA	1420	1470

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8	***Total water requirement for expansion from* Gujarat Water Infrastructure Limited (GWIL) shall not exceed 255 m3/day as per the permission by the GWIL vide letter no. GWIL/Kutch/ind.conn./30 dated 2nd January, 2009. Ground water or any other surface water shali not be utilized for any construction or industrial purposes. Effluent Treatment Plant (ETP) shall be installed for the treatment of process water. Wastewater from Boiler blow down, DM Plant and cooling tower shall be utilized for dust suppression and for green belt development. No process water shall be discharged and 'Zero' discharge will be adopted. Domestic wastes shall be disposed off through septic tank followed by soak pit.**	• *Water Consumption is within the limit* as per conditions. *Ground water or* any other surface water is not being utilized for any construction or industrial purposes. Effluent Treatment Plant (ETP) installed for the treatment of process water. Wastewater from Boiler blow down, DM Plant and cooling tower is being utilized for dust suppression and for green belt development. No process water is being discharged and 'Zero' discharge adopted. Domestic wastes is being treated in Sewage treatment plant (STP) and after treatment used for gardening and plantation purpose. • Water balance diagram is attached as **Annexure A2.** • Results of treated is given in the **Table 19** below and Copy of test reports of treated effluent is attached as **Annexure A3** and the values are within the norms as prescribed by the board. **TABLE 19** **TREATED EFFLUENT RESULT** | Parameter | Prescribed norms (mg/L) | Effluent Quality-Min. (mg/L) | Effluent Quality-Max. (mg/L) | | PH | 6.5 TO 8.5 | 7.34 | 7.63 | | Suspended solids | 100 | 18 | 20 | | Oil& Grease | 10 | 0.52 | 0.61 |

Copper	1	0.42	0.44
Iron as Fe	1	0.39	0.51
Phosphate	5	1.0	1.1
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	14	16
COD	100	38	40
Hexavelent Cr	0.1	TRACE	TRACE

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9	**Ground water monitoring around the solid waste disposal site / secured landfill (SLF) should be carried out regularly and report submitted to the Ministry's Regional Office at Bhopal, CPCB and GPCB**	Ground water monitoring around the solid waste disposal site / secured landfill (SLF) is being carried out regularly and report is being submitted to the Ministry's Regional Office at Bhopal, CPCB and GPCB. Copy of the latest ground water report is attached as **Annexure A12** **Complied**
10	**New DRI kiln shall be provided with waste heat recovery boiler (WHRB) to make use Of flue gases generated during the process. All the char from existing and proposed DRI plant shall be utilized in AFBC boiler of power plant and no char shall be disposed off anywhere else. AFBC boiler shall be installed simultaneously alongwith the DRI plant to ensure full utilization of char from the beginning. All the other solid / hazardous waste generated shall be properly utilized or disposed off in environment-friendly manner; Process dust shall be recycled back to the process. *Spent/used oil shall be sold to the registered recycler as per the Hazardous Waste (Management & Handling) Rules, 1989 and subsequent amendments.***	• New DRI kiln has been provided with waste heat recovery boiler (WHRB) to make use Of flue gases generated during the process. All the char from existing and proposed DRI plant utilized in AFBC boiler of power plant. AFBC boiler installed simultaneously alongwith the DRI plant in order to ensure full utilization of char from the beginning. • Time bound action plan for financial year 2019-20 of Solid & Hazardous [illegible] Table 2A and Table 2B above and the same is submitted to MoEFCC, RO Bhopal vide letter dated 10.09.18. • Process dust is being recycled back to the process. • Spent/used oil disposed by selling to registered Re-refiner as per the Hazardous Waste (Management &

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		Handling) Rules, 1989 and subsequent amendments. • Invoice of used oil send to registered Re-refiner is attached as **Annexure A13.** • Copies of agreement with various agencies along with its validity and manifest is attached as **Annexure A14.**

SOLID WASTE DISPOSED/RECYCLED/UTILISATIED PLAN

Table 20

DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 01/04/21 IN MT
FLY ASH	703.27	20000	10-20% TO BE USED FOR BRICK MAKING, 70-80% TO BE SEND TO TSDF SITE	1000
COAL CHAR	331.70	15500	100% TO BE USED IN POWER PLANT AS RAW MATERIAL	1000

HAZARDOUS WASTE DISPOSAL/RECYCLE/UTILISATION PLAN

Table 21

DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 31/03/21 IN MT
USED ION EXCHANGE RESIN	NIL	0.14	100 % TO BE DISPOSED OF BY INCINERATION AT COMMON HAZARDOUS WASTE INCINERATION FACILITY	NIL
USED OIL	NIL	1.10	100 % TO BE SEND TO REGISTERED RECYCLERS	NIL

11	**A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal**	• A Time bound action plan submitted to MoEFCC, RO Bhopal to reduce solid waste, its proper utilization and disposal vide letter dated 10.09.18. • Copy of the letter submitted to MoEFCC, RO Bhopal is attached as **Annexure A15.**

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		• Fly ash is used for brick manufacturing & **sold** to an integrated TSDF site (Saurashtra Enviro Project Pvt Ltd (SEPPL)) **for utlisation of fly ash as binding Material for solidification and stabilisation not for the disposal purpose.** • Copy of MOU with M/S Saurashtra Enviro Project Pvt Ltd (SEPPL) is attached as **Annexure A5** • Fly Ash Generated, Utilisatised and disposed From **April'20 to Sep'20** and expected Fly Ash Generation, Utilisation and disposal plan from **1st Oct'20 to March'21** is given in the **Table 22** below

TABLE 22

FLY ASH GENERATED/DISPOSED/UTILISED QUANITY

OPENING STOCK ON 01/04/20 IN MT	FLY ASH GENERATION IN MT 01/04/20 to 30/09/20	USED FOR BRICK MAKING IN MT 01/04/20 to 30/09/20	SEND TO TSDF SITES IN MT 01/04/20 to 30/09/20	CLOSING STOCK ON 30/09/20 IN MT
4897.99	9406.73	11704.46	3965.55	703.27

FLY ASH GENERATION/DISPOSAL/UTILISATION PLAN

DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 31/03/21 IN MT
FLY ASH	703.270	20000	10-20% TO BE USED FOR BRICK MAKING, 80-90% TO BE SOLD TO TSDF SITE	1000

12	**Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous**	• Details of toxic metal content along with its composition is being regularly submitted to MOEF Bhopal along with Six Monthly Compliance report. • Report of toxic element anaysis is

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	waste shall be submitted to the Ministry's Regional Office at Bhopal, MPPCB and CPCB.	attached as **Annexure A16** from **April'20 To Sep'20**.
13	**Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003. All the fly ash shall be provided to cement and brick manufacturers for further utilization and 'Memorandum of Understanding' shall be submitted to the Ministry's Regional Office at Bhopal. All the fly ash shall be provided to cement and brick manufacturers for further utilization and bottom ash shall be used for land filling. Fly ash shall also be utilized in captive brick manufacturing plant, cement plant or in construction activities**	• Fly ash is used for brick manufacturing & **sold** to an integrated TSDF site (Saurashtra Enviro Project Pvt Ltd (SEPPL)) **for utlisation of fly ash as binding Material for solidification and stabilisation not for the disposal purpose.** • Copy of "**Memorandum of Understanding (MOU)**" with various parties for Fly ash is attached as **Annexure A5**. • 100% Utilisation of fly ash is being ensured and time bound action plan is submitted to MoEFCC, RO Bhopal Vide letter dated 10.09.18. Fly Ash Generated, Utilisatised and disposed From **April'20 to Sep'20** and expected Fly Ash Generation, Utilisation and disposal plan from **1st Oct'20 to March'21** is given in the **Table 23** below

TABLE 23

FLY ASH GENERATED/DISPOSED/UTILISED QUANITY

OPENING STOCK ON 01/04/20 IN MT	FLY ASH GENERATION IN MT 01/04/20 to 30/09/20	USED FOR BRICK MAKING IN MT 01/04/20 to 30/09/20	SEND TO TSDF SITES IN MT 01/04/20 to 30/09/20	CLOSING STOCK ON 30/09/20 IN MT
972.44	9406.73	11704.46	3965.55	703.27

FLY ASH GENERATION/DISPOSAL/UTILISATION PLAN				
DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 01/04/21 IN MT
FLY ASH	703.27	20000	10-20% TO BE USED FOR BRICK MAKING, 80-90% TO BE SOLD TO TSDF SITE	1000

14	**Green belt shall be developed in 33% area in and around the plant premises to mitigate the effects of fugitive emissions all around the plant as per the CPCB guidelines in consultation with DFO**	• Green Belt cover is being continuously developed within and around the project site, as well as outside the plant premises. • Till date more than 34761 nos of plants in approx. 31 acres area have been planted out of 38 Acre (33% of total area) of total green belt area. • Layout is attached as **Annexure A17** to indicate the existing green Belt area and Proposed Green Belt area. • A time targeted action plan for developement of greenbelt as per CPCB guidelines is submitted to MoEFCC,RO Bhopal via letter dated 10.09.18 and is given in the **Table 24** below. • Copy of the letter submitted to MoEFCC, RO Bhopal is attached as **Annexure A15**.

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<table>
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TABLE 24
Proposed Year wise plantation for Next Three Years

<table>
<tr><th>S. No</th><th>Year</th><th>Proposed No. of plants</th></tr>
<tr><td>1</td><td>2020-21</td><td>1650</td></tr>
<tr><td>2</td><td>2021-22</td><td>2100</td></tr>
<tr><td>3</td><td>2022-23</td><td>2250</td></tr>
<tr><td colspan="2">Total</td><td>6000</td></tr>
</table>

</td></tr>
<tr><td>15</td><td>All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Sector shall be implemented</td><td>Compliance assured.</td></tr>
<tr><td>16</td><td>The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking,mobile toilets, mobile STP, safe drinking water, medical health care,creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</td><td>Compliance assured.</td></tr>
<tr><td></td><td>GENERAL CONDITIONS:</td><td>Compliance Status</td></tr>
<tr><td>1.</td><td>The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) and the State Government</td><td>• Copy of detailed compliance of CCA stipulations is attached as Annexure A18.</td></tr>
</table>

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2.	**No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests**	**Noted and Agreed to comply**
3.	**The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The Gujarat Pollution Control Board (GPCB) may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.**	• Latest report of Environmental parameters as per monitoring, for gaseous emission comparing with the standards notified as per G.S.R.414(E) is given in the **Table 25** below . • Copy of Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is attached as **Annexure A9.**

TABLE 25

1.0	STACK EMISSION STANDARDS	COMPLIANCE STATUS
iv.	Stack Emission Standards for Kiln (Particulate Matter) Should be 100 mg/Nm3 (Coal based)	• Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard. • Copy of reports are attached as **Annexure A1.**

PARAMETERS	EMISSION STANDARD (mg/Nm³)	OBSERVED VALUE (MIN) (mg/Nm³)	OBSERVED VALUE (MAX) (mg/Nm³)
PM	100	56.8	58.6

<table>
<tr>
<td>v.</td>
<td>Carbon Mono oxide (CO) (v/v) Not to exceed 1% (Max.), volume/volume</td>
<td>

- Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
- Copy of Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is attached as **Annexure A10.**

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (%V/V)</th><th>OBSERVED VALUE (MIN) (%V/V)</th><th>OBSERVED VALUE (MAX) (%V/V)</th></tr>
<tr><td>CO</td><td>1.0%</td><td>0.4</td><td>0.5</td></tr>
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<tr>
<td>vi.</td>
<td>The kiln off gas stack height should be calculated for proper dispersion of SO2 (with the formula of $H=14Q^{0.3}$ Where Q=emission of SO2 in Kg/h) as per emission regulations Part III of CPCB. Sulphur percentage shall be the percentage of sulphur in coal. Permissible SO2 emission level with reference to stack height is given below:
<table>
<tr><th>Sr.No</th><th>Q (emission of SO2 in kg/hr)</th><th>H (m)</th></tr>
<tr><td>1.</td><td>12.68</td><td>30</td></tr>
<tr><td>2.</td><td>12.69-33.08</td><td>40</td></tr>
<tr><td>3.</td><td>33.09-69.60</td><td>50</td></tr>
<tr><td>4.</td><td>69.61-127.80</td><td>60</td></tr>
<tr><td>5.</td><td>127.81-213.63</td><td>70</td></tr>
</table>
SO2 level need to be maintained using adequate control technology as per the stack height provided by the industry.</td>
<td>

- Height of 35 mtr is being maintained as required against 30 mtr.
- Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is given in Table below.

Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008.

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD</th><th>OBSERVED VALUE (MAX)</th></tr>
<tr><td>PARTICULATE MATTER</td><td>100 MG/NM3</td><td>72.4 MG/NM3</td></tr>
<tr><td>CARBON MONO OXIDE</td><td>1% (VOL/VOL)</td><td>0.30% (VOL/VOL)</td></tr>
<tr><td>STACK HEIGHT</td><td>30 MTR</td><td>35 MTR</td></tr>
</table>

</td>
</tr>
<tr>
<td>2.0</td>
<td>STACK EMISSION STANDARDS FROM DE- DUSTING UNITS
Particulate matter : 100 mg/ Nm3</td>
<td>

- All dedusting units are connected with adequate stack height as per the norms and sampling porthole and platforms etc are provided as per

</td>
</tr>
</table>

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	(i)All de-dusting units should be connected to a stack having a minimum stack height of 30m. In case installation of 30 m height of stack is technically or otherwise not feasible for specific case, the stack height can be reduced but accordingly stringent Particulate Matter emission level required to be achieved by the industry using Particulate Matter dispersion formulae/ model so that ground level concentration of Particulate Matter should not increase beyond the incremental level as it would have been with stack height of 30 m. (ii) Sampling porthole and platform etc. shall be provided as per CPCB emission regulation to facilitate stack monitoring.	CPCB emission regulation to facilitate stack monitoring. • Requirements is being maintained as per norms.
3.0	**FUGITIVE EMISSION STANDARDS** The fugitive emission of suspended particulate matter (SPM) should not exceed 2000µg/m³ at a distance of 10 m (approx.)from the areas / sources, identified and mentioned below in table 1, where fugitive dust emissions are anticipated. However, the existing industry is allowed up to 3000 µg/m³ of fugitive emission level of suspended particulate matter (SPM) till one year from the date of issue of the notification. **Sr. No** / **Area** / **Monitoring Location** 1. / Raw material handling area / Wagon tippler, Screen area, Transfer Points, Stock Bin area 2. / Crusher area / Crushing plant, vibrating screen, transfer points	• Fugitive emission results as per monitoring conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility is within the norms. • Fugitive emission results as per monitoring report at **19 different locations** as per G.S.R.414(E) dated 30th May,2008 is given in table below and copy of the same is attached as **Annexure A11**. **LOCATION** / **EMISSION STANDARD (µg/m³)** / **OBSERVED VALUE (MIN) (µg/m³)** / **OBSERVED VALUE (MAX) (µg/m³)** Nr.Vagon Trippler / 2000 / 1812 / 1790 Nr.screen area / 2000 / 1754 / 1670 Nr.Transfer point / 2000 / 1569 / 1544 Nr.stock Bin area / 2000 / 1741 / 1550 Nr.Crusser / 2000 / 1571 / 1525

3.	Raw material feed area	Feeder area, Mixing area, transfer points
4.	Cooler discharge area	Over size discharge area, Transfer Points
5.	Product processing area	Intermediate stock bin area. Screening plant, Magnetic Separation unit, Transfer Points, Over size discharge area, Product separation area, Bagging area
6.	Other areas	Areas as specified by State Pollution Control Board

area			
Nr.Vibrating screen	2000	1523	1569
Nr.Transfer point	2000	1562	1540
Nr.Feeder area	2000	1285	1170
Nr.mixing Feeder area	2000	1670	1620
Nr.Transfer Point	2000	1610	1550
Nr.Wagon tippler	2000	1651	1610
Nr.screen area	2000	1274	1324
Nr.Intermediate stock bin area	2000	1421	1471
Nr.Screening plant	2000	1628	1585
Nr.Magnetic separting plant	2000	1765	1780
Nr.Transfer plant	2000	1375	1380
Nr.Oversize discharge area	2000	1485	1425
Nr.Product separtion	2000	1485	1560
Bagging area	2000	1420	1470

4.0 EFFLUENT DISCHARGE STANDARDS

iv. All efforts should be made to reuse and recirculate the water and to maintain zero effluent discharge.

v. Storm water/ garland drain should be provided in plant.

vi. In case of maintainance/ cleaning of the system the settling tanks effluent of wet scrubbing system or re - circulation system if require to be discharged, should be treated suitably to conform to the following standards:
Ph – 5.5 to 9.0
TSS <= 100 mg/l

- The effluent water generated from the utility area in plant is treated in effluent treatment plant and reused within the plant premises for dust suppression and gardening purpose.
- There is no discharge outside the plant premises via drains except during monsoon for storm water.
- Domestic waste water is being treated in Sewage treatment plant and reused for gardening and plantation purpose.
- Results of the treated effluent is given in table below and copy of the report is attached as

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<table>
<tr><td></td><td>COD <= 250 mg/l
Oil and grease <= 10 mg/ l</td><td>Annexure A3.</td></tr>
</table>

TREATED EFFLUENT RESULTS			
Parameter	**Prescribed norms (mg/L)**	**Effluent Quality-Min. (mg/L)**	**Effluent Quality-Max. (mg/L)**
PH	6.5 TO 8.5	7.34	7.63
Suspended solids	100	18	20
Oil& Grease	10	0.52	0.61
Copper	1	0.42	0.44
Iron as Fe	1	0.39	0.51
Phosphate	5	1.0	1.1
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	14	16
COD	100	38	40
Hexavelent Cr	0.1	TRACE	TRACE

4.	**Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.**	• The effluent water generated from the utility area in plant is treated in Effluent treatment plant (ETP) and reused within the plant premises for dust suppression and gardening purpose so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time.

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- Online flow meter and web camera have been installed and connected with CPCB and GPCB server for live streaming.
- Copy of Latest results of treated effluent is given in the **Table 26** and copy of report is attached as **Annexure A3.** The results are within the norms as per standards of GPCB.

TABLE 26

TREATED EFFLUENT RESULTS			
Parameter	Prescribed norms (mg/L)	Effluent Quality-Min. (mg/L)	Effluent Quality-Max. (mg/L)
PH	6.5 TO 8.5	7.34	7.63
Suspended solids	100	18	20
Oil& Grease	10	0.52	0.61
Copper	1	0.42	0.44
Iron as Fe	1	0.39	0.51
Phosphate	5	1.0	1.1
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	14	16
COD	100	38	40
Hexavelent Cr	0.1	TRACE	TRACE

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5	**The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).**	Workplace noise level survey is conducted on regular basis to identify high noise levels. Workers employed in High Noise area are provided with proper PPEs. Periodic Audiometric tests of the workmen employed in High Noise Area is also conducted as part of workers 'Health Surveillance Program'. Ambient Noise Level is monitored regularly and is controlled within stipulated limit. Parameters as per monitoring report from **April'20 to Sep'20** are given in **Table 27** and report is attached as **Annexure A4** . **Complied**

TABLE 27

Ambient Noise Level Monitoring Station	Noise Level (dBA)					
	Day (LIMIT 75dBA)			Night (LIMIT 70dBA)		
	Max.	Min.	Avg.	Max.	Min.	Avg.
NEAR MAIN GATE	56.7	54.2	55.45	53.2	50.2	51.7
ROLLING MILL AREA	65.7	62.3	64	55.7	53.8	54.75
INDUCTION FURNACE AREA	67.3	66.1	66.7	62.4	60.2	61.3
REHEATING FURNACE AREA	69.8	63.2	66.5	62.8	61.4	62.1
ROTARY KILN AREA	66.2	64.8	65.5	63.7	61.2	62.45
POWER PLANT AREA	64.7	60.2	62.45	65.8	63.2	64.5

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6	**The company shall undertake rainwater harvesting measures by collecting the rainwater through drains. The water collected shall be connected to raw water pipeline for reuse in the plant. The company shall provide proper drainage system for rainwater to prevent water logging within and in the vicinity of the plant**	Presently rain water is collected into pond and reused in the process after necessary treatment in the lean season besides recharging the ground water table. Rain water harvesting measures have been inplemeted by means of creating two ponds for storage of water with capacity of 9000 KL and 3890 KL respectively. The company has provided proper drainage system for rainwater to prevent water logging within and in the vicinity of the plant. Capacity of the reservoir will be enhanced based on the requirements to meet the maximum water requirement. Air cooled condensers are being used in captive power plant to reduce water consumptions. **Complied**
7	**Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.**	Occupational Health Surveillance of the worker is being done on a regular basic and records are being maintained as per factories act.
8	**The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report and during the public hearing meeting. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.**	• We have carried one to one need assessment in co-ordination with Local authorities /Surpanch / leaders and needy of Villages and done contribution in CSR according to their needs. • We have carried out one to one assessment with villagers towards their requirements. Funds are allaocated as per EIA/EMP report and utilised it on as on basis as and when required. During our expansion also we have noted needs of affected villages , public hearing issues and will address and committed fund will be allocated towards CSR/CER in upcoming EIA/EMP also.

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<table>
<tr>
<td>9</td>
<td>As proposed, Rs. 492.00 Lakhs and Rs. 62.00 Lakhs shall be earmarked towards the capital cost and recurring expenditure/annum earmarked for the environmental pollution control to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for complying with all the conditions stipulated herein shall be submitted to the Regional Office of this Ministry at Bhopal / CPCB / GPCB. The funds so provided shall not be diverted for any other purposes.</td>
<td>

Separate fund is earmarked towards the capital cost and recurring cost/annum towards environmental pollution control measures.
Rs 4.01 Cr is incurred as capital expenditure till Sept 2020 towards environmental pollution control measures
Sub-headwise break-up of proposed expenditure for the next financial year (2020-21) is given in Table 28 and is attached as Annexure A19 towards environmental pollution control measures.

TABLE 28
<table>
<tr><th colspan="3">Proposed expenditure Environment Protection Measures for financial year 2020-21</th></tr>
<tr><th>S.No</th><th>SUB HEAD</th><th>Proposed Cost(Capital +Recurring)</th></tr>
<tr><td>1</td><td>Air Pollution Control/Noise Control</td><td>70</td></tr>
<tr><td>2</td><td>Water Pollution Control</td><td>4</td></tr>
<tr><td>3</td><td>Environmental Monitoring and Managment</td><td>18</td></tr>
<tr><td>4</td><td>Green Belt Development</td><td>8</td></tr>
<tr><td>5</td><td>Occupational Health</td><td>6</td></tr>
<tr><td colspan="2">TOTAL</td><td>1.06</td></tr>
</table>
</td>
</tr>
<tr>
<td>10</td>
<td>The Regional Office of the ministry at Bhopal /CPCB /GPCB shall monitor the stipulated conditions. A six monthly compliance report and the</td>
<td>

Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards is being regularly submitted to Ministry, its Regional Office and the CPCB/SPCB.

</td>
</tr>
</table>

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	monitored data alongwith statistical interpretation shall be submitted to them regulary.	
11	**The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with Gujarat Control Board and may also be seen at Website of the Ministry of Environment and Forest at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of locality concerned and a copy of the same should be forwarded to the Regional office.**	• The Public were informed of accorded Environment clearance through an advertisement in **The Times of India** (In English) and **Kutch Mitra** (in the Gujarati language). • Copies of clearance letter are available with the State Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http: // envfor.nic.in. • Copies of news paper clippings have been submitted to the Regional office of the MoEF and also attached as **Annexure A7.** • Details uploaded at company's website www.gallantt.com • Weblink: **(http://www.gallantt.com/investorsGML.html**
12	**The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concemed authorities and the date of commencing the land development work.**	**Noted & Agreed to comply**
13	**The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.**	**Noted & Agreed to comply**

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14	**The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.**	**Noted & Agreed to comply**
15	**Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.**	**Noted & Agreed to comply**
16	**The Above conditions shall be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act,1974, the Air (Prevention & Control of Pollution) Act,1981 the Environment (Protection) Act,1986 , Hazardous Wastes (Management and Handling) Rules,2003 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.**	**Noted & Agreed to comply**

ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

A	SPECIFIC CONDITIONS:	
	CONDITIONS	**COMPLIANCE STATUS**
1.	The project proponent shall install 24X7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office.	Online 24X7 air monitoring devices has been installed. On-line monitoring facilities has been provided and data generated is being regularly transmitted to CPCB and GPCB online on 24X7 basis and report of the same is being submitted to Ministry and its Regional Office on regular basis. Sufficient air pollution control devices (location and air pollution control devices installed details given in **Table29** below) provided to keep the emission within permissible limit. Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory** facility from **April'20 to Sep'20** for all six stacks are given in the **Table 30** below & copy of the same is attached as **Annexure A1.** Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory** facility, in the ambient air **from April'20 to Sep'20** are given in the **Table 31** below & copy of the same is attached as **Annexure A6.** **Compliance Assured**

GALLANTT METAL LIMITED Gandhidham

ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

Air Pollution Control Device

Table 29

Location	Air Pollution Control Equipment
Power Plant	Electro Static Precipitator (ESP)
Rotary Kiln 1 & 2	Electro Static Precipitator (ESP)
Rotary Kiln 3 & 4	Electro Static Precipitator (ESP)
Induction Furnace 1 & 2	Bag Filter With Spark Trapper and Popped Damper
Induction Furnace 3 & 4	Bag Filter With Spark Trapper and Popped Damper
Reheating Furnace	Bag Filter With Forced Draft Cooler

STACK EMISSION MONITORING REPORT VALUES

TABLE 30

Stack Monitoring Station	SPM (mg/Nm3) Limit-100 mg/Nm3			NOX (mg/Nm3) Limit-50 mg/Nm3			SO2 (mg/Nm3) Limit-100 mg/Nm3		
	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
Rotary Kiln 1 & 2	58.6	56.8	57.7	27.6	25.6	26.6	76.5	74.2	75.35
Rotary Kiln 3 &4	72.5	71.6	72.05	28.1	26.2	27.15	74.6	72.5	73.55
Rolling Mill	48.5	42.3	45.4	26.2	24.8	25.5	63.2	62.4	62.8
Induction Furnace F1 & F2	33.5	32.4	32.95	29.82	28.4	29.11	31.8	30.7	31.25
Induction Furnace F3 & F4	35.7	34.6	35.15	28.92	25.3	27.11	33.6	31.5	32.55
Stack Monitoring Station	**SPM (mg/Nm3) Limit-50 mg/Nm3**			**NOX (mg/Nm3) Limit-300 mg/Nm3**			**SO2 (mg/Nm3) Limit-600 mg/Nm3**		
Power Plant	42.7	41.6	42.15	86.4	84.6	85.5	91.5	89.6	90.55

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

AMBIENT AIR QUALITY MONITORING REPORT
TABLE 31

Ambient Air Quality Station	PM 10 (µg/m3) Limit-100 µg/m3			PM2.5(µg/m3) Limit-60 µg/m3			Sox(µg/m3) Limit-80 µg/m3			NOx(µg/m3) Limit-80 µg/m3		
	Max.	Min.	Avg.	Max	Min.	Avg.	max.	Min.	Avg.	Max	Min.	Avg.
OFFICER COLONY	60	57	58.5	32	30	31	10.5	9.2	9.85	18.7	16.8	17.75
MAIN SECURITY GATE	63	59	61	38	32	35	11.7	11.2	11.45	20.3	19.4	19.85
B/H KILN 1 & 2	58	38	48	35	33	34	12.7	11.2	11.95	15.3	14.1	14.7
NR.FURNACE AREA	48	38	43	30	28	29	10.3	9.3	9.8	16.1	14.3	15.2

2.	Used Oil shall not be reused for lubrication and disposed to the authorized vendor.	Used oil is disposed by selling to registered Re-refiner as per the Hazardous Waste (Management & Handling) Rules, 1989 and subsequent amendments. **Time bound action plan** for financial year **2020-21** of generation & disposal quantity along with disposal mode for used oil given in **Table 32** below. Invoice of used oil send to registered Re-refiner is attached as **Annexure A13**

USED OIL DISPOSAL PLAN FOR YEAR 2020-21
Table 32

DESCRIPTION	OPENING STOCK ON 01/10/20 IN MT	EXPECTED GENERATION 01/10/20 TO 31/03/21 IN MT	DISPOSAL/RECYCLE/UTILISATION PLAN	EXPECTED BALANCE STOCK ON 01/04/21 IN MT
USED OIL	NIL	1.10	100 % TO BE SEND TO REGISTERED	NIL

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				RE-REFINER	
3.	Air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50mg/Nm3.			The various air pollution control devices like Electrostatic Precipitator, Bag filters, Fume Extraction System and other measures are provided to control the emission level below 50mg/Nm3 are as under: • 4 nos of ESP with three nos of Electrical and Mechanical Field in all four Rotary kiln and 1 no. Of ESP with Four nos of electrical and Mechanical Field at AFBC boiler • Bag filter pulse jet type at all transfer points • Four nos of Fume extraction system with bag house and spark trapper at all 4 nos of Induction furnace area. Details of the Pollution related Equipment is given below. Environmental parameters as per monitoring conducted **from April'20 to Sep'20** for all six stacks already given in the **Table 33** above & copy of the same is attached as **Annexure A1.** Environmental **Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory** facility, in the ambient air **from April'20 to Sep'20** already given in the **Table 34** above & copy of the same is attached as **Annexure A6.**

ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

		Compliance Assured

STACK EMISSION MONITORING REPORT VALUES
TABLE 33

Stack Monitoring Station	SPM (mg/Nm3) Limit-100 mg/Nm3			NOX (mg/Nm3) Limit-50 mg/Nm3			SO2 (mg/Nm3) Limit-100 mg/Nm3		
	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
Rotary Kiln 1 & 2	58.6	56.8	57.7	27.6	25.6	26.6	76.5	74.2	75.35
Rotary Kiln 3 &4	72.5	71.6	72.05	28.1	26.2	27.15	74.6	72.5	73.55
Rolling Mill	48.5	42.3	45.4	26.2	24.8	25.5	63.2	62.4	62.8
Induction Furnace F1 & F2	33.5	32.4	32.95	29.82	28.4	29.11	31.8	30.7	31.25
Induction Furnace F3 & F4	35.7	34.6	35.15	28.92	25.3	27.11	33.6	31.5	32.55
Stack Monitoring Station	SPM (mg/Nm3) Limit-50 mg/Nm3			NOX (mg/Nm3) Limit-300 mg/Nm3			SO2 (mg/Nm3) Limit-600 mg/Nm3		
Power Plant	42.7	41.6	42.15	86.4	84.6	85.5	91.5	89.6	90.55

AMBIENT AIR QUALITY MONITORING REPORT
TABLE 34

Ambient Air Quality Station	PM 10 (µg/m3) Limit-100 µg/m3			PM2.5(µg/m3) Limit-60 µg/m3			Sox(µg/m3) Limit-80 µg/m3			NOx(µg/m3) Limit-80 µg/m3		
	Max.	Min.	Avg.	Max	Min.	Avg.	max.	Min.	Avg.	Max	Min.	Avg.
OFFICER COLONY	60	57	58.5	32	30	31	10.5	9.2	9.85	18.7	16.8	17.75
MAIN SECURITY GATE	63	59	61	38	32	35	11.7	11.2	11.45	20.3	19.4	19.85
B/H KILN 1 & 2	58	38	48	35	33	34	12.7	11.2	11.95	15.3	14.1	14.7
NR.FURNACE AREA	48	38	43	30	28	29	10.3	9.3	9.8	16.1	14.3	15.20

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

4.	In-plant control measures like bag filters, de-dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant etc. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.	In plant control measures like Bag Filter, Dust Extraction System and other measures provided to control the fugitive emission from all the vulnerable sources. • Pulse jet Bag filter system provided at all transfer points, crusher house, screen house, product handling areas etc. Details of nos of bag filter with location given in **Table 35.** • Dry Fog System provided at coal circuit, coal injection and dolachar seperation area. • Details of nos of Dry Fog system with location are given in **Table 35.** • Heavy duty Industrial Vaccum Cleaner provided at product seperation building to control fugutive emission. • Rain gun and water sprinkling system provided at coal storage yard, dump hoppers and conveyors to control the fugitive emission generated during screening, loading, unloading, handling and storage of raw materials. Details of nos of Rain Gun and water sprinkling system with location are given in **Table 35.** • Erecting the walls high to act as wind shield for storage of raw materials to avoid fugutive emission due to high wind velocity. • Latest reports of Fugitive emission

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		results as per monitoring is given in **Table 36** and attached as **AnnexureA10 in accordance with (G.S.R 414 (E)dated 30th May,2008).** Latest report parameters are within the norms as per **G.S.R 414 (E) dated 30th May,2008.**

LIST OF POLLUTION CONTROL MEASURES

Table 35

Location	Type Of Air Pollution Control Device	Total Numbers
Coal Screen & Crusher House(DRI)	Bag Filter & Dry Fog system	Bag filter - 01 Nos. Dry Fog system-07 Points
Iron Ore Screen & Crushing House	Bag Filter	Bag filter - 02 Nos
Coal Transfer Points	Dry Fog System	Dry Fog system-04 Points
Iron Ore transfer Point	Bag Filter	Bag filter - 02 Nos
Coal Injection Area	Injection Bag Filter	Bag filter - 04 Nos
Cooler Discharge Area	Bag Filter	Bag filter - 04 Nos
Blending Area	Bag Filter	Bag filter - 01 Nos
Product Separate Building	Bag Filter	Bag filter - 02 Nos
Dolachar Separate Building	Bag Filter & Dry Fog system	Bag filter - 01 Nos. Dry Fog system-02 Points
CPP Coal crusher & screen area	Bag Filter & Dry Fog system	Bag filter - 02 Nos. Dry Fog system-05 Points
CPP Coal Transfer area	Dry Fog system	Dry Fog system-03 Points
CPP Dolachar Transfer area	Bag Filter	Bag filter - 01 Nos.
DRI Product Handling Building	Bag Filter & Industrial Vacuum Cleaner	Bag filter - 02 Nos. Industrial Vacuum Cleaner -01 No

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

Coal Storage	Rain gun & Sprinkler	Rain gun -26 Nos. Sprinkler-28 Nos.
Fines Storage & others	Rain gun & Sprinkler	Rain gun -06 Nos. Sprinkler-48 Nos.

FUGUTIVE EMISSION REPORT
TABLE 36

Fugutive Emission Stations	**SPM (µg/M3) Max limit : 2000 µg/M3**	
	READING-1	**READING-2**
NR.WAGON TRIPPLER	1812	1790
NR.SCREEN AREA	1754	1670
NR.TRANSFER POINT	1569	1544
NR.STOCK BIN AREA	1741	1550
NR.CRUSHER AREA	1571	1525
NR.VIBRATING SCREEN	1523	1569
NR.TRANSFER POINT	1562	1540
NR.FEEDER AREA	1285	1170
NR.MIXING FEEDER AREA	1670	1620
NR.TRANSFER POINT	1610	1550
NR.WAGON TRIPPLER	1651	1610
NR.SCREEN AREA	1274	1324
NR.INTERMEDIATE STOCK BIN AREA	1421	1471

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

NR.SCREEN PLANT	1628	1585
NR.MAGNETIC SEPRATING POINT	1765	1780
NR.TRANSFER PLANT	1375	1380
NR.OVERSIZE DISCHARGE AREA	1485	1425
NR.PRODUCT SEPARATION	1485	1560
BAGGING AREA	1420	1470

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5.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines/ Code of Practice issued by the CPCB shall be followed.	Action plan for controlling the fugitive emission from all sources has been prepared and is being implemented in a time bound manner in order to achieve the prescribed standards. Regular monitoring of fugitive emission is carried out and the results are within the latest permissible limits issued by Ministry vide G.S.R. 414(E) dated 30th May, 2008 . **Highlights of the action plan are given below:** • Regular & periodic sprinkling of water on all exposed surfaces to suppress emission of dust. • Erected high walls to act as wind shield during storage of raw materials. • Clean return belts in the conveyor belt systems to reduce impact of loose dust; • Vehicles are given speed limit of 30 km/hr within the premise. • Materials are transported in securely covered trucks to reduce dust emission. The workers are given dust masks to avoid inhalation of dust & fugitive emissions. Gaseous emission monitoring reports are attached as **Annexure A9.** **Complied**

Table 37

Compliance report of guidelines published by CPCB for sponge iron plant.

1.0	STACK EMISSION STANDARDS	COMPLIANCE STATUS

ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

<table>
<tr>
<td>i.</td>
<td>Stack Emission Standards for Kiln (Particulate Matter) Should be 100 mg/Nm3 (Coal based)</td>
<td>

- Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
- Copy of reports are attached as **Annexure A1.**

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (mg/Nm³)</th><th>OBSERVED VALUE (MIN) (mg/Nm³)</th><th>OBSERVED VALUE (MAX) (mg/Nm³)</th></tr>
<tr><td>PM</td><td>100</td><td>56.8</td><td>58.6</td></tr>
</table>

</td>
</tr>
<tr>
<td>ii.</td>
<td>The kiln off gas stack height should be calculated for proper dispersion of SO2 (with the formula of $H=14Q^{0.3}$ Where Q=emission of SO2 in Kg/h) as per emission regulations Part III of CPCB. Sulphur percentage shall be the percentage of sulphur in coal. Permissible SO2 emission level with reference to stack height is given below:

<table>
<tr><th>Sr.No</th><th>Q (emission of SO2 in kg/hr)</th><th>H (m)</th></tr>
<tr><td>1.</td><td>12.68</td><td>30</td></tr>
<tr><td>2.</td><td>12.69-33.08</td><td>40</td></tr>
<tr><td>3.</td><td>33.09-69.60</td><td>50</td></tr>
<tr><td>4.</td><td>69.61-127.80</td><td>60</td></tr>
<tr><td>5.</td><td>127.81-213.63</td><td>70</td></tr>
</table>

SO2 level need to be maintained using adequate control technology as per the stack height provided by the industry.
</td>
<td>

- Height of 35 mtr is being maintained as required against 30 mtr.
- Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is given in Table below.

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD</th><th>OBSERVED VALUE (MAX)</th></tr>
<tr><td>PARTICULATE MATTER</td><td>100 MG/NM3</td><td>72.4 MG/NM3</td></tr>
<tr><td>CARBON MONO OXIDE</td><td>1% (VOL/VOL)</td><td>0.30% (VOL/VOL)</td></tr>
<tr><td>STACK HEIGHT</td><td>30 MTR</td><td>35 MTR</td></tr>
</table>

</td>
</tr>
</table>

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

2	STACK EMISSION STANDARDS FROM DE- DUSTING UNITS Particulate matter : 100 mg/ Nm3 (i)All de-dusting units should be connected to a stack having a minimum stack height of 30m. In case installation of 30 m height of stack is technically or otherwise not feasible for specific case, the stack height can be reduced but accordingly stringent Particulate Matter emission level required to be achieved by the industry using Particulate Matter dispersion formulae/ model so that ground level concentration of Particulate Matter should not increase beyond the incremental level as it would have been with stack height of 30 m. (ii) Sampling porthole and platform etc. shall be provided as per CPCB emission regulation to facilitate stack monitoring.	• All dedusting units are connected with adequate stack height as per the norms and sampling porthole and platforms etc are provided as per CPCB emission regulation to facilitate stack monitoring. • Requirements is being maintained as per norms.
3	FUGITIVE EMISSION STANDARDS The fugitive emission of suspended particulate matter (SPM) should not exceed 2000µg/m³ at a distance of 10 m (approx.)from the areas / sources, identified and mentioned below in table 1, where fugitive dust emissions are anticipated. However, the existing industry is allowed up to 3000 µg/m³ of fugitive emission level of suspended particulate matter (SPM) till one year from the date of issue of the notification.	• Fugitive emission results as per monitoring conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility is within the norms. • Fugitive emission results as per monitoring report at 19 different locations as per G.S.R.414(E) dated 30th May,2008 is given in table below and copy of the same is attached as **Annexure A11**.

Sr. No	Area	Monitoring Location
1.	Raw material handling area	Wagon tippler, Screen area, Transfer Points, Stock Bin area

LOCATION	EMISSION STANDARD (µg/m³)	OBSERVED VALUE (MIN) (µg/m³)	OBSERVED VALUE (MAX) (µg/m³)
Nr.Vagon Trippler	2000	1812	1790
Nr.screen area	2000	1754	1670
Nr.Transfer	2000	1569	1544

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2.	Crusher area	Crushing plant, vibrating screen, transfer points
3.	Raw material feed area	Feeder area, Mixing area, transfer points
4.	Cooler discharge area	Over size discharge area, Transfer Points
5.	Product processing area	Intermediate stock bin area. Screening plant, Magnetic Separation unit, Transfer Points, Over size discharge area, Product separation area, Bagging area
6.	Other areas	Areas as specified by State Pollution Control Board

point			
Nr.stock Bin area	2000	1741	1550
Nr.Crusser area	2000	1571	1525
Nr.Vibrating screen	2000	1523	1569
Nr.Transfer point	2000	1562	1540
Nr.Feeder area	2000	1285	1170
Nr.mixing Feeder area	2000	1670	1620
Nr.Transfer Point	2000	1610	1550
Nr.Wagon tippler	2000	1651	1610
Nr.screen area	2000	1274	1324
Nr.Intermediate stock bin area	2000	1421	1471
Nr.Screening plant	2000	1628	1585
Nr.Magnetic separting plant	2000	1765	1780
Nr.Transfer plant	2000	1375	1380
Nr.Oversize discharge area	2000	1485	1425
Nr.Product separtion	2000	1485	1560
Bagging area	2000	1420	1470

4	EFFLUENT DISCHARGE STANDARDS i. All efforts should be made to reuse and recirculate the water and to maintain zero effluent discharge. ii. Storm water/ garland drain should be provided in plant. iii. In case of maintainance/ cleaning of the system the settling tanks effluent of wet scrubbing system or re -	• The effluent water generated from the utility area in plant is treated in effluent treatment plant and reused within the plant premises for dust suppression and gardening purpose. • There is no discharge outside the plant premises via drains except during monsoon for

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	circulation system if require to be discharged, should be treated suitably to conform to the following standards: Ph – 5.5 to 9.0 TSS <= 100 mg/l COD <= 250 mg/l Oil and grease <= 10 mg/ l	storm water. • Domestic waste water is being treated in Sewage treatment plant and reused for gardening and plantation purpose. • Results of the treated effluent is given in table below and copy of the report is attached as **Annexure A3**.

TREATED EFFLUENT RESULTS

Parameter	Prescribed norms (mg/L)	Effluent Quality-Min. (mg/L)	Effluent Quality-Max. (mg/L)
PH	6.5 TO 8.5	7.54	7.70
Suspended solids	100	14	18
Oil& Grease	10	0.49	0.75
Copper	1	0.54	0.58
Iron as Fe	1	0.55	0.62
Phosphate	5	1.4	1.8
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	15	18
COD	100	42	45
Hexavelent Cr	0.1	TRACE	TRACE

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<table>
<tr><td>6.</td><td>Carbon mono-oxide (CO) shall also be monitored along with other parameters and standards notified under Environment (Protection) Act shall be followed. The reports shall be submitted to the Ministry's Regional Office, CPCB and SPCB.</td><td>

- The concentration of CO and other parameters from the AFBC Boiler, rotary kiln, and induction furnace are being studied at regular interval along with other parameters and the report of the same is being submitted to MOEF on six monthly basis.
- Latest reports of CO emission results as per monitoring is attached as **Table 38** and **Annexure A10** in accordance with **notified standards as per (G.S.R 414 (E)dated 30th May, 2008).**

Table 38

<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (%V/V)</th><th>OBSERVED VALUE (MIN) (%V/V)</th><th>OBSERVED VALUE (MAX) (%V/V)</th></tr>
<tr><td>CO</td><td>1.0%</td><td>0.4</td><td>0.5</td></tr>
</table>

</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>7.</td><td>Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.</td><td>Presently rain water is collected into pond and reused in the process after necessary treatment in the lean season besides recharging the ground water table.
Rain water harvesting measures have been implemented by means of creating two ponds of water to the tune of 9000 KL and 3890 KL. Capacity of the reservoir will be enhanced based on the requirements to meet the maximum water requirement. Air cooled condensers are being used in</td></tr>
</table>

		power plant to reduce water consumptions. **Complied.**
8.	All the effluents shall be treated and used for dust suppression and green belt development. No effluent shall be discharged outside the premises via drains and 'zero' discharge shall be adopted. Domestic waste water will be treated in the Sewage Treatment Plant.	The effluent water generated from the utility area in plant is treated in effluent treatment plant and reused within the plant premises for dust suppression and gardening purpose. Online flow meter and web camera have been installed and connected with CPCB and GPCB and commissioned for zero liquid discharge plant There is no discharge outside the plant premises via drains except during monsoon for storm water. Domestic waste water is being treated in Sewage treatment plant and reused for gardening and plantation purpose. **Complied.**
9.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner.	As a good corporate citizen the Company is involved in contribution of funds and provides the services for the up liftment of local community in the nearby villages. The company is committed to improve the quality of life of surroundings by way of implementation of need based social development projects. 5% of the project cost i.e. Rs 329.46 lacs has been earmarked and out of which 324.63 Lacs is utilized for the following CSR projects till Sep 2020. • We have carried one to one need assessment in co-ordination with Local authorities/Sarpanch/leaders and needy of Villages and done contribution in CSR according to their needs. and when

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required.During our expansion also we have noted needs of affected villages,public hearing issues and will address and commited fund will be allocated towards CSR/CER in upcoming EIA/EMP also.

- Target plan as per As per office memorandum F.No.22-65/2017-IA.III, MOEF(Impact & Assessment Division), is given in **Table 39** below & **Annexure A19.**

TABLE 39

TARGET PLAN FOR NEXT THREE YEARS TOWARDS ENTERPRISE SOCIAL COMMITMENT

Year	2020-21	2021-22	2022-23
Sanitation /Cleaniness	10	10	10
Pond Reclamination (Under Sujalam-Sufalam Yojna)	5	5	5
Rain Water Recharging / harvesting	5	5	5
Health & Education	15	15	15
Green Belt Development Plan	7.5	7.5	7.5
Infrastructural Development	15	15	15
Skill Development Plan	5	5	5
Total	Approx. 1.875 Cr		

10.	The company shall submit their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/procedure to being in to focus any infringement/deviation /violation of	Copy of Corporate Environment Responsibility policy is attached as **Annexure A20.** Copy of the same uploaded on the company's website (http://www.gallantt.com) for public viewing **Complied**

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	environment or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/ or stakeholders or shareholders.	
11.	All the commitments made to the public during the Public Hearing/Public Consultation meeting shall be satisfactorily implemented and separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office.	• All the commitments made to the public during the public Hearing / Public onsultation meeting is implemented. • Copy of Detailed compliance of the issues raised during the public hearing is attached as **Annexure 21**.

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12.	Green Belt of 20-30 meters in width should be provided all around the periphery of the site. Greenery shall be developed around storage yards, around plants, either side of roads of the industry as per CPCB Guidelines	• Green Belt cover is being continuously developed within and around the project site, as well as outside the plant premises. • Till date more than 38176 nos of plants in approx. 31 acres area have been planted out of 38 Acre (33% of total area) of total green belt area. **TABLE 40** **Proposed Year wise plantation for Next Five Years** S. No | Year | Proposed No. of plants 1 | 2020-21 | 1650 2 | 2021-22 | 2100 3 | 2022-23 | 2250 Total | 6000

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13.	Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Proposed project is in the existing industrial premise; all these facilities are readily available. **Compliance assured.**
B	**GENERAL CONDITIONS:**	**Compliance Status**
14.	**The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) and the State Government**	Copy of detailed compliance of CCA stipulations is attached as **Annexure A18.**
15.	**No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests and Climate Change (MoEFCC).**	**Agreed.** No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests and Climate Change (MoEFCC).
16.	**At least four ambient air quality-monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, S02 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/CPCB once in six months.**	Four Ambient Air Quality Monitoring stations have been established in the downward direction as wellas where maximum ground level concentration of PM10, PM2.5, S02 and Nox in consultation with GPCB. Data on ambient air quality and stack emission is being regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/CPCB once in six months. Ambient air quality parameters are within the stipulated norms. Environmental parameters as per monitoring conducted by **Royal Environment Auditing & Consultancy Service, Gujarat**

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		Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility, from **April'20 to Sep'20** are given in the **Table 41** below & copy of the same is attached as **Annexure A6.** **Complied**

AMBIENT AIR QUALITY MONITORING REPORT

TABLE 41

Ambient Air Quality Station	PM 10 (µg/m3) Limit-100 µg/m3			PM2.5(µg/m3) Limit-60 µg/m3			Sox(µg/m3) Limit-80 µg/m3			NOx(µg/m3) Limit-80 µg/m3		
	Max.	Min.	Avg.	Max	Min.	Avg.	max.	Min.	Avg.	Max	Min.	Avg.
OFFICER COLONY	65	61	63	38	35	36.5	11.3	9.2	10.25	18.2	17.6	17.9
MAIN SECURITY GATE	64	58	61	34	30	32	11.3	10.8	11.05	21.2	19.5	20.35
B/H KILN 1 & 2	60	54	57	34	29	31.5	12.3	11.8	12.05	16.2	14.3	15.25
NR.FURNACE AREA	48	44	46	35	31	33	13.2	9.1	11.15	17.3	16.2	16.75

17.	**Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.**	• The effluent water generated from the utility area in plant is treated in Effluent treatment plant (ETP) and reused within the plant premises for dust suppression and gardening purpose as per standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended form time to

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time.

- Online flow meter and web camera have been installed and connected with CPCB and GPCB server for live streaming.
- Latest results of treated effluent are given in **Table 42** below and is within the norms as prescribed under **GSR 422 (E) dated 19th May, 1993 and 31st December, 1993** or as amended form time to time.
- Copy of Latest results of treated effluent is attached as **Annexure A3** and the parameters is within the norms.

Table 42

TREATED EFFLUENT RESULTS

Parameter	Prescribed norms (mg/L)	Effluent Quality Min (mg/L)	Effluent Quality Max (mg/L)
PH	6.5 to 8.5	7.54	7.70
Suspended Solids	100	14	18
Oil & Grease	10	0.49	0.75
Copper	1	0.54	0.58
Iron as Fe	1	0.55	0.62
Phosphate	5	1.4	1.8
Total Chromium	0.2	TRACE	TRACE
Zinc as Zn	1	TRACE	TRACE
BOD 3 days @°C	30	15	18
COD	100	42	45
Hexavelent Cr	0.1	TRACE	TRACE

18.	**The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic**	Workplace noise level survey is conducted on regular basis to identify high noise levels. Workers employed in High Noise

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	hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	area are provided with proper PPEs. Periodic Audiometric tests of the workmen employed in High Noise Area is also conducted as part of workers 'Health Surveillance Program'. Ambient Noise Level is monitored regularly and is controlled within stipulated limit. Parameters as per monitoring report from **April'20 to Sep'20** are given in **Table 43**and report is attached as **Annexure A4**

Ambient Noise Level Monitoring Station	Noise Level (dBA) TABLE 43					
	Day (LIMIT 75dBA)			Night (LIMIT 70dBA)		
	Max.	Min.	Avg.	Max.	Min.	Avg.
NEAR MAIN GATE	58.3	55.8	57.05	54.5	52.3	53.4
ROLLING MILL AREA	64.9	63.5	64.2	55.3	54.8	55.05
INDUCTION FURNACE AREA	66.2	64.8	65.5	64.3	61.3	62.8
REHEATING FURNACE AREA	70.1	67.9	69	66.1	63.9	65
ROTARY KILN AREA	65.1	63.5	64.3	64.8	62.3	63.55
POWER PLANT AREA	63.8	62.3	63.05	68.7	66.8	67.75

19.	**Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.**	Occupational Health Surveillance of the worker is being done on a regular basic and records are being maintained as per factories act. **Complied**
20.	**The company shall develop rainwater harvesting structure to harvest the rain water for utilization in**	Presently rain water is collected into pond and reused in the process after necessary treatment in

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	the lean season besides recharging the ground water level.	the lean season besides recharging the ground water table . Rain water harvesting measures have been inplemeted by means of creating two ponds for storage of water with capacity of 9000 KL and 3890 KL respectively. The company has provided proper drainage system for rainwater to prevent water logging within and in the vicinity of the plant. Capacity of the reservoir will be enhanced based on the requirements to meet the maximum water requirement. Air cooled condensers are being used in captive power plant to reduce water consumptions. Complied
21.	**The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.**	• We have carried one to one need assessment in co-ordination wth Local authorities/ Surpanch / leaders and needy of Villages and done contribution in CSR according to their needs. • We have carried out one to one assessment with villagers towards their requirements. Funds are allaocated as per EIA/EMP report and utilised it on as on basis as and when required. During our expansion also we have noted needs of affected villages , public hearing issues and will address and committed fund will be allocated towards CSR/CER in upcoming EIA/EMP also.

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22.	**Requisite funds shall be earmarked towards the capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forest and Climate Changes (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of this Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.**	• Separate fund is earmarked towards the capital cost and recurring cost/annum towards environmental pollution control measures. • Rs 4.06 Cr is incurred as capital expenditure till Sept 2020 towards environmental pollution control measures • Sub-headwise break-up of proposed expenditure for the next financial year (2020-21) is given in **Table 44** below and copy is attached as **Annexure A19** towards environmental pollution control measures. **TABLE 44** **Proposed expenditure EnvironmentProtection Measures for financial year 2020-21** • The funds provided will not be

S. No	SUB HEAD	Proposed Cost (Capital+ Recurring)
1	Air Pollution Control/Noise Control	70
2	Water Pollution Control	4
3	Environmental Monitoring and Managment	18
4	Green Belt Development	8
5	Occupational Health	6
	Total	**1.06**

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		diverted for any other purpose.
23.	**A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO,if any, from whom suggestions/representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.**	• Copies of the EC have been sent to Panchayat, Zila parishad, Mamladar and to the Local NGO and is attached as documentary evidence in support of the same as **Annexure 22.** • Copy of the EC is posted on the company's website (www.gallantt.com) for public display.
24.	**The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of the monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEFCC at Bhopal, The respective Zonal Office of CPCB and SPCB. The criteria pollutant levels namely; PM10, SO2, NOX (ambient level as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at the convenient location near the main gate of the company in the public domain.**	• Six Monthly compliance reports in respect of Post Environment Clearance Monitoring are timely submitted in hard and soft copies to the concerned regulatory authorities. • Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards is being regularly submitted to Ministry, its Regional Office and the CPCB/SPCB • Details uploaded at company's website www.gallantt.com • Weblink:

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		(http://www.gallantt.com/investorsGML.html) • Display of critical parameters is in place at the convenient location near the main gate of the company in the public domain.
25.	**The Project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both hard copies as well as by mail) to the Regional Office of MoEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal/CPCB/SPCB shall monitor the stipulated conditions**	• Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both hard copies as well as by mail) are regularly sent to the concerned authorities. • Details uploaded at company's website www.gallantt.com • **Weblink:** (http://www.gallantt.com/investorsGML.html
26.	**The environmental statement for each financial year ending 31st March in Form V as mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules,1986, as amended subsequently, shall also be put on the website of the company along with the status of the compliance of the environmental conditions and shall also be sent to the respective Regional Office of the MoEFCC at Bhopal by mail.**	• Annual environmental statement for each financial year ending 31st March in Form V is regularly submitted to GPCB. • Online submission of Form V is being done regularly at GPCB website (https://gpcb.gujarat.gov.in). • Details uploaded at company's websitewww.gallantt.com Weblink:(http://www.gallantt.com/pdfs/Env%20Clearance/GML/form%205.pdf)

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ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

27.	**The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forest and Climate Change (MoEFCC) at http:/envfor.nic.in. This shall be advertised with in seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhopal.**	• The Public were informed of the grant of Environment clearance through an advertisement in **The Times of India (Gujarat)** and **Kutch Mitra dated 25.05.16** • Copy of speed post details related with news paper clippings submitted to the Regional office of the MoEF is attached as **Annexure A7** as documentary evidences in support of the submission of details.
28.	**Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.**	• Details of Financial Closure, date of final approval of the project and date of commencing of land developement work was submitted along with the reports submitted to MOEF on 15/09/2017 and 17/01/2018 • Copy of reports submitted to MOEF is attached as **Annexure A15.**
29.	**The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.**	Noted & Agreed. The ministry can revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
30.	**The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.**	Noted & Agreed. The Ministry can stipulate additional conditions if found necessary.

GALLANTT METAL LIMITED

ENVIRONMENTAL COMPLIANCE FOR

Expansion project of Sponge Iron (1,75,500 TPA to 2,25,000 TPA) Steel Billets plant (1,78,200 TPA to 3,36,900 TPA), TMT Bars (1,71,963 TPA to 3,30,000 TPA), and Captive Power Plant AFBC (17 MW to 25 MW)

31.	**The above conditions shall be enforced. Inter-alia under the provision of the water (Prevention & Control of Pollution) Act. 1974. The Air (Prevention & Control of pollution) Act. 1981. The Environment (Protection) Act, 1986. Hazardous wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance, Liability) Act. 1991 along with their amendments and rules.**	Noted & Agreed.

GALLANTT METAL LIMITED

Expansion of production capacity of Sponge Iron:2,25,000 TPA to 3,73,500 TPA. TMT Bars: 3,30,000 TPA to 4,22,400 TPA,M.S.Billet:3,36,600 TPA to 4,29,000 TPA,MS Rolled Bars:6,483 TPA.Coal based Captive Power Plant (AFBC):35MW and WHRB:16 MW located at Village Samakhaiyali.Tehsil Bhachau,District-Kutch,Gujarat by M/s. Gallantt Metal Limited-Environmental Clearance-reg.

A.	SPECIFIC CONDITION	COMPLIANCE STATUS
i)	CER shall be completed in a time frame of three years	Assure To Comply
ii)	No groundwater shall be abstracted for the project.	Assure To Comply
iii)	The natural drain shall be disturbed.	Assure To Comply
iv)	Revised emission norms for power plant shall be complied with.	Assure To Comply
B.	**GENERAL CONDITION**	
I)	**Statutory compliance:**	
i.)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act,1981 and the Water(Prevention & Control of Pollution) Act.1974 from the concerned State Pollution Control Board / committee.	Assure To Comply
ii)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules,2016 as amended from time to time.	Assure To Comply
iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultaion with Sate Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.	No forest Land is involved within 10KM Of The Plant area.
II)	**Air quality monitoring and preservation**	
i)	The project proponent shall install 24×7 continuous emission system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414(E) dated 30th May 2008 as amended from time to time: S.O. 3305(E) dated 7th December 2015 (Thermal Power Plants)as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment(Protection) Act,1986 or NABL accredited laboratories.	CEMS are under Installation and will be made operational once the plant is operational.Copy of P.O of Forbes Marshall is attached as Annexure A for your reference.
ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act,1986 or NABL accredited laboratories.	Detail of the same is attached as Annexure B .
iii)	The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants relased (e.g.PM10 and PM2.5 in reference to PM emission and Sox and Nox in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.	CAAQMS is in under Installation and will be made operational once the plant is operational.
iv)	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MOEF&CC , Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Assure to Comply
v)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources,so as to comply prescribed stack emission and fugitive emission standards.	APC is under installation as per Guideline of the board. We assure to comply for the same.

GALLANTT METAL LIMITED Gandhidham

vii)	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	Assure to Comply
viii)	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads,shop floors,roof regularly	Assure to Comply
ix)	Recycle and reuse iron ore fines,coal and coke fines,lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting / agglomeration.	Assure to Comply
x)	The project proponent shall ensure covered transportation and conveying of ore,coal and other raw material to prevent spillage and dust generation.	Assure to Comply
xi)	Regular monitoring of vehicular emissions shall be carried out and reports may be submitted to concerned Regional office.	Assure to Comply
xiii)	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Assure to Comply
III)	**Water quality monitoring and preservation**	
i)	The project proponent shall install 24×7 continuous effuent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414(E) dated 30th May 2008; S.O.3305 (E) dated 7th December 2015(Thermal Power Plants)as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act,1986 or NABL accredited laboratories.	Assure to Comply
ii)	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection)Act,1986 and NABL accredited laboratories.	Assure to Comply
iii)	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MOEF&CC.Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Assure to Comply
iv)	Adhere to 'Zero Liquid Discharge'	Assure to Comply
v)	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Already provided
vi)	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Assure to Comply
vii)	The project proponent shall practice rainwater harvesting to maximum possible extent.	Assure to Comply
viii)	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water practicing cascade use and by recycling treated water.	Assure to Comply

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IV)	**Noise monitoring and prevention**	
i)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Assure To Comply
ii)	The ambient noise levels should confrom to the standards prescribed under E(P)A Rules,1986 viz,75 db(A) during day time and 70 db(A)during night time.	Assure To Comply
		Assure to comply
v)	**Energy Conservation measures**	
i)	The project proponent shall provide waste heat recovery system on the DRI kilns.	Waste Heat Recovery system is under Installation.
ii)	The dolachar generated shall be used for power generation.	Assure to Comply
iii)	Provide solar power generation on roof tops buildings for solar light system for all common areas,street lights,parking around project area and maintain the same regulary.	Assure to comply to the extent possible.
iv)	Provide LED lights in their offices and residential areas.	Assure to Comply
vi)	**Waste management**	
i)	Used refractories shall be recycled as far possible.	Assure to Comply to extent Possible.
ii)	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufactures for further utilization and Memorandum of Understanding in this regard shall be submitted to the ministry's Regional Office.	Assure To Comply
iii)	The waste oil,grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Managment & Transboundary Movement) Rules,2016	Assure To Comply
vii)	**Green Belt**	
i)	Green belt shall be developed in an area equal to 33% of the plant areawith a native tree species in accordance with CPCB guidelines.The greenbelt shall interalia cover the entire periphery of the plant.	Compliance already under progress.
ii)	The project proponent shall prepare GHG emission inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Compliance already under progress.
viii)	**Public hearing and Human health issues**	
i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Assure To Comply
ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high tempreture work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Assure To Comply
iii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking,mobile toilets,mobile STP,safe drinking water,medical health care,creche etc.The housing may be in the form of temporary structures to be removed after the completion of the project.	Assure To Comply

GALLANTT METAL LIMITED
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iv)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Assure To Comply
IX)	**Corporate Environment Responsibility**	
i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 1st May 2018,as applicable regarding Corporate Environment Responsibility.	Assure To Comply
ii)	The company shall have a well laid down environment policy duly approve by the Board of Directors.The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife nomrs / conditions.The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MOEF&CC as a part of six-monthly report.	Assure To Comply
iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personal shall be set up under the control of senior Executive,who will directly to the head of the organization.	Already Complied
iv)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the six Monthly Compliance Report.	Assume to Comply
v)	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Assure To Comply
vi)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Sponge Iron plants shall be implemented.	Assure To Comply
X)	**Miscellaneous**	
i)	The project proponent shall make public the environmental clearararance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State,of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied.Copy of Same as attached as Annexure C
ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies.Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied.Copy of Same as attached as Annexure D
iii)	The project proponent shall upload the status of Compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Assure To Comply
iv)	The project proponent shall monitor the criteria pollutants level namely; PM10,SO2,Nox (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public add put on the website of the company.	Assure To Comply

GALLANTT METAL LIMITED Gandhidham

v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the Website of the ministry of Environment. Forest and Climate Change at environment clerance portal.	Assure To Comply
vi)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules,1986 as ammended subsequently and put on the website of the company.	Complied
vii)	The project proponent shall inform the Regional Office as well as the Ministry,the date of financial closure and final approval of the project by the concerned authorities,commencing the land development work and start of production operation by the project.	Assure To Comply
viii)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Assure To Comply
ix)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report , commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Assure To Comply
x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MOEF&CC)	Assure To Comply
xi)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act,1986	Agreed To Comply
xii)	The ministry may revoke or suspend the clearance,if implementation of any of the above conditions is not satisfactory.	Agreed To Comply
xiii)	The ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed To Comply
xiv)	The Regional Office of this Ministry shall monitor compliance of stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Agreed To Comply
xv)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act,1974,the Air (Prevention & Control of Pollution) Act 1981,the Environment (Protection) Act 1986,Hazardous and Other Wastes (Management and Transboundary Movement) Rules,2016 and the Public Liability Insurance Act,1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Agreed To Comply
xvi)	Any appeal against this EC shall lie with the National Green Tribunal,if preferred,within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act. 2010. The issues with the approval of the Competent Authority.	Agreed To Comply

GALLANTT METAL LIMITED
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ANNEXURE A

P.O COPY OF FORBES MARSHAL

ADVANCE INVOICE

FORBES MARSHALL

Seller : Forbes Marshall Pvt. Ltd.
B-85, PHASE-II,Chakan Industrial Area,
Sawardari , Chakan
Tal : Khed , Dist : Pune
CHAKAN-410501
Maharashtra,INDIA

BANK NAME : **HDFC BANK LTD.(KANJUR MARG BRANCH)**
BANK ACC NO : FMPL66009258
BANK ADDR : I - THINK TECHNO CAMPUS,OPP CROMPTON GREAVES, NEAR KANJUR MARG RLY STATION, MUMBAI-400002,MAHARASHTRA
IFSC CODE : HDFC0004989

Buyer : 9258
Mr.HARESH PATEL
GALLANTT METAL LTD.
SURVEY NO. 175/1
SAMAKHAYALI
VILLAGE : SAMAKHAYALI
TALUKA : BACHAU
DIST : KUTCH 370150
Gujarat
GSTIN : 24AACCG2934J1ZQ
PAN :
PLACE OF SUPPLY Gujarat

Thank you for your order. Please quote our Sales Order Acceptance cum Proforma Invoice Number(OA) and Date in all future correspondence.

Proforma Invoice No : 550111226 — Dated :4-Mar-20
Our OA No : 550111226 — Dated :28-FEB-20
Your PO No : NIL — Dated :28-FEB-2020

Ship To,
Mr.HARESH PATEL
GALLANTT METAL LTD.
SURVEY NO. 175/1
SAMAKHAYALI
VILLAGE : SAMAKHAYALI
TALUKA : BACHAU
DIST : KUTCH 370150

GSTIN:24AACCG2934J1ZQ

Please DO mention your Purchase Order No / our Sales Order No while making payment through DD/RTGS/NEFT.

Payment Terms : PROFORMA80% ADVANCE20%
Ship Instructions : Material to be dispatched on door delivery basis
Transporter :
Freight Terms : To pay
Inspection : Not Applicable
Insurance By : By Customer
Order type : C4N Standard
Mode of Dispatch : TRANSPORT CORPORATION OF INDIA LTD

OA SR/ CUST PO SR	Item	Schedule Ship/ Request Date	UOM	Quantity	Price	Amount
1/1	C4N-GCEM40A0HEADFMCPLUS-18/23M EMISSION MONITORING EQUIPMENTS,GCEM40XX PLUS ANALYSER HEAD MODEL 40A0 FOR 1.8 MTR / 2.3 MTR PROBES, MEASUREMENT CHANNELS NO,SO2,CO,H2O,CO2,PRESSURE AND TEMPERATURE	11-MAY-20 11-MAY-20	EA	2	1,427,500.00	2,855,000.00

GALLANTT METAL LIMITED Gandhidham

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	HSN No: 90271000 Tag No :					
2/1	C4N-GCEM40A0/A1PLUSHEADF MC-1M EMISSION MONITORING EQUIPMENTS,GCEM40XX PLUS ANALYSER HEAD MODEL 40A0 FOR 1M PROBES, MEASUREMENT CHANNELS NO,SO2,CO,H2O,CO2,PRESSURE AND TEMPERATURE HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	2	1,427,500.00	2,855,000.00
3/1	C4N-GCEM40XX2.3MTR/STDPLUS EMISSION MONITORING EQUIPMENTS,GCEM40XX PLUS PROBE 2.3 MTR STANDARD VERSION HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	1	0.00	0.00
4/1	C4N-4"PORTPROBE EMISSION MONITORING EQUIPMENTS,GCEM 40XX 4 INCH ANSI PROBE, FOR VERTICLE MOUNTING HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	2	0.00	0.00
5/1	C4N-GCEM40XX1.8MTR/STDPLUS EMISSION MONITORING EQUIPMENTS,GCEM40XX PLUS PROBE 1.8 MTR STANDARD	11-MAY-20 11-MAY-20	EA	1	0.00	0.00

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	VERSION HSN No: 90271000 Tag No :					
6/1	C4N-FMGCEM40XXDDUX5 EMISSION MONITORING EQUIPMENTS,5 OUTPUT DDU FOR MODEL FMGCEM40XX ANALYSERS HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	4	0.00	0.00
7/1	C4N-GCEMDRYERPANEL-230-10 M EMISSION MONITORING EQUIPMENTS,GCEM 40XX DRYER, POWER AND AIR DISTRIBUTION PANEL, 230VAC, 10 METER CABLE SET HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	4	0.00	0.00
8/1	C4N-COSO2NO500-10AL EMISSION MONITORING EQUIPMENTS,10 LITER,ALUMINIUM,FILLING PRESSURE-120-130KG/CM2,WITHOUT REGULATOR,BALANCED BY-N2 GAS,CO-500PPM,NO-500PPM,SO2-500PPM HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	4	0.00	0.00
9/1	C4N-6MMREGULATOR-LHS EMISSION MONITORING EQUIPMENTS,LHS TYPE 6MM	11-MAY-20 11-MAY-20	EA	4	0.00	0.00

GALLANTT METAL LIMITED

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	OUTLET CONNECTION REGULATOR WITH GUAGES FOR GAS CYLINDER HSN No: 90278090 Tag No :					
10/1	C4N-6MMTUBE EMISSION MONITORING EQUIPMENTS,6MM OD,20SWG, SS304 TUBE HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	100	0.00	0.00
11/1	C4N-6MMFITTING EMISSION MONITORING EQUIPMENTS,6 MM OD UNION, FERRULE FITTING HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	24	0.00	0.00
12/1	C4N-PUTUBE-6MM EMISSION MONITORING EQUIPMENTS,PNEUMATIC TUBEING,POLYURETHANE,OD-6 MM HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	40	0.00	0.00
13/1	C4N-GCEMSTUB-300-STD EMISSION MONITORING EQUIPMENTS,GCEM40XX,STUB PIPE,MACHINED,STUB PIPE SUITABLE FOR BARE PROBE, LENGTH=300 MM,MS HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	3	0.00	0.00
14/1	C4N-GCEMSTUB-350-STD	11-MAY-20	EA	1	0.00	0.00

GALLANTT METAL LIMITED Gandhidham

ADVANCE INVOICE

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Maharashtra,INDIA

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Our OA No : 550111226 — Dated :28-FEB-20
Your PO No : NIL — Dated :28-FEB-2020

	EMISSION MONITORING EQUIPMENTS,MODEL FMGCEM40XX,GAS ANALYSER,STUB PIPE,MACHINED,STUB PIPE SUITABLE FOR BARE PROBE,LENGTH=350 MM,MS HSN No: 90278090 Tag No :	11-MAY-20				
15/2	C4N-DCEM2100PLUS-I-485 EMISSION MONITORING EQUIPMENTS,DUAL BEAM CROSS DUCT OPACITY MONITOR WITH LOCAL DISPLAY, CONTROL UNIT & RS485 OUTPUT, AIR PURGE BY PLANT INSTRUMENT AIR, MODEL DCEM2100 PLUS HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	4	320,000.00	1,280,000.00
16/2	C4N-2250560 EMISSION MONITORING EQUIPMENTS,DCEM 2100, 4 INPUT NORMALISING CURRENT LOOP INPUT BOARD HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	4	0.00	0.00
17/2	C4N-DCEM2100-STUB EMISSION MONITORING EQUIPMENTS,MILD STEEL STUB PIPE FOR DCEM 2100 HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	6	0.00	0.00

GALLANTT METAL LIMITED Gandhidham

ADVANCE INVOICE

FORBES MARSHALL

Seller : Forbes Marshall Pvt. Ltd.
B-85, PHASE-II,Chakan Industrial Area,
Sawardari , Chakan
Tal : Khed , Dist : Pune
CHAKAN-410501
Maharashtra,INDIA

BANK NAME : **HDFC BANK LTD.(KANJUR MARG BRANCH)**
BANK ACC NO : FMPL66009258
BANK ADDR : I - THINK TECHNO CAMPUS,OPP CROMPTON GREAVES, NEAR KANJUR MARG RLY STATION, MUMBAI-400002,MAHARASHTRA
IFSC CODE : HDFC0004989

Buyer : 9258
Mr.HARESH PATEL
GALLANTT METAL LTD.
SURVEY NO. 175/1
SAMAKHAYALI
VILLAGE : SAMAKHAYALI
TALUKA : BACHAU
DIST : KUTCH 370150
Gujarat
GSTIN : 24AACCG2934J1ZQ
PAN :
PLACE OF SUPPLY Gujarat

Thank you for your order. Please quote our Sales Order Acceptance cum Proforma Invoice Number(OA) and Date in all future correspondence.

Proforma Invoice No : 550111226 — Dated :4-Mar-20
Our OA No : 550111226 — Dated :28-FEB-20
Your PO No : NIL — Dated :28-FEB-2020

18/2	C4N-DCEMSTUB-500 EMISSION MONITORING EQUIPMENTS STUB PIPE FOR DCEM2100 LENGTH 500 MM HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	2	0.00	0.00
19/3	C4N-FMBBPANEL-001 EMISSION MONITORING EQUIPMENTS,BLACK BOX ER HARDWARE, ROUETR WITH PANEL, FORBES MARSHALL HSN No: 90271000 Tag No :	11-MAY-20 11-MAY-20	EA	4	90,000.00	360,000.00
20/3	C4N-ENVCONNECT-MP14 EMISSION MONITORING EQUIPMENTS,ENVIROCONNECT SOFTWARE FOR CPCB/SPCB/LOCAL VIEW/ ETS CONNECTIVITY, COMBINED CD, MP14 HSN No: 90278090 Tag No :	11-MAY-20 11-MAY-20	EA	4	0.00	0.00
					Net Sales :	7,350,000.00

Tax Type	Taxable Amount	Rate(%)	Tax Amount
IGST	7,350,000	18	1,323,000
		Total Taxes :	1,323,000
		Gross Amount :	8,673,000
		Advance Payable at 20% on Net Sales :	1,470,000

GALLANTT METAL LIMITED Gandhidham

ADVANCE INVOICE

FORBES MARSHALL

Seller : Forbes Marshall Pvt. Ltd.
B-85, PHASE-II,Chakan Industrial Area,
Sawardari , Chakan
Tal : Khed , Dist : Pune
CHAKAN-410501
Maharashtra,INDIA

BANK NAME : **HDFC BANK LTD.(KANJUR MARG BRANCH)**
BANK ACC NO : FMPL66009258
BANK ADDR : I - THINK TECHNO CAMPUS,OPP CROMPTON GREAVES,
NEAR KANJUR MARG RLY STATION,
MUMBAI-400002,MAHARASHTRA
IFSC CODE : HDFC0004989

Buyer : 9258
Mr.HARESH PATEL
GALLANTT METAL LTD.
SURVEY NO. 175/1
SAMAKHAYALI
VILLAGE : SAMAKHAYALI
TALUKA : BACHAU
DIST : KUTCH 370150
Gujarat
GSTIN : 24AACCG2934J1ZQ
PAN :
PLACE OF SUPPLY Gujarat

Thank you for your order. Please quote our Sales Order Acceptance cum Proforma Invoice Number(OA) and Date in all future correspondence.

Proforma Invoice No : 550111226	Dated :4-Mar-20
Our OA No : 550111226	Dated :28-FEB-20
Your PO No : NIL	Dated :28-FEB-2020

Advance Payable (in Words) : Indian Rupees Fourteen Lakh Seventy Thousand only
GSTIN : 27AAACF2630E1Z5

5031	Branch :	Engr: MATHIYA, ATULBHAI MUKESHBHAI	100
	Branch :	Branch: AHMEDABAD	100

Customer Contact Details :	
Name :	MR. HARESH PATEL
Email Address :	stores@gallantt.com
Phone No. :	MOBILE: () 93277 34459

This Sales Order Acceptance shall be subject to "Standard Terms and Conditions of Sale of Goods / Services", which is annexed herewith and shall be treated as an integral part of this Sales Order Acceptance.

This is a computer generated document and hence no signature is required.

For Forbes Marshall Pvt. Ltd.

GALLANTT METAL LIMITED

ANNEXURE

STANDARD TERMS & CONDITIONS FOR SALE OF GOODS / SERVICES

A. DEFINITIONS

In this document (**"Terms and Conditions"**) the following words shall have the meanings as defined below:

1 **"Buyer"** means the company or person who buys the Goods:

2 **"Goods"** mean and include the products, services and / or software(s) to be supplied to the Buyer by the Seller;

3 **"Seller"** means the company which supplies the Goods ;

4 **"Parties"** or **"Party"** means the Buyer and/or the Seller, such that "Party" means either the Buyer or the Seller and "Parties" means the Buyer and Seller jointly;

5 **"Offer"** means a quotation for the Goods given by the Seller which shall constitute an invitation by the Seller to the Buyer to place an order by submitting a Purchase Order. Offer shall only be valid for a period of thirty (30) business days from its date of issuance unless otherwise specified or extended in writing by the Seller;

6 **"Purchase Order"** means the Buyer's order or work order or letter of award, as the case may be (including amendments if any) issued to the Seller for the Goods;

7 **"Sales Order Acceptance cum Proforma"** means sales order of the Seller raised subsequent to the issuance of the Purchase Order by the Buyer (hereinafter referred to as **"OA"**);

8 **"Warranty Period"** shall mean warranty provided on the Goods by the Seller for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of invoice, whichever is earlier, unless otherwise specifically stated in the OA.

B. GENERAL

1 These Terms and Conditions shall be applicable to all the Offer(s), OA(s) and invoice(s) raised by the Seller upon the Buyer and to the sale of Goods by the Seller to the Buyer, to the exclusion of all other terms and conditions referred to, offered or relied upon by the Buyer whether in negotiation or at any stage in the dealings between the Parties, including any standard or printed terms tendered by the Buyer in its Purchase Order or other document.

2 Notwithstanding anything to the contrary stated herein or in any other agreement, communication or documentation exchanged between the Parties, the Parties agree that a binding contract amongst the Seller and the Buyer for the sale of the Goods shall be deemed to have been constituted upon (i) the delivery of the Goods against the OA, whether in part or full; or (ii) receipt of payment of Price against the OA, whether in part or full; or (iii) after expiry of 7 days from the date of issuance of the OA, whichever is earlier, and which contract shall be governed by these Terms and Conditions.

C. PRICE AND PAYMENT

1 The price of the Goods shall be the price as set out in the Offer unless otherwise agreed in writing between the Parties. The price shall be exclusive of Goods and Services Tax (**"GST"**), duties or levies, wherever applicable (hereinafter referred to as '**Price**').
Any other charges/costs related to transportation, freight, packing, forwarding, inspection, documentation and insurance shall be applicable as stated in the Offer. Bill discounting, bank and other charges shall be borne as per the agreed terms.

2 If the Seller is required to pay any advance to the Buyer, the said advance payment shall be treated as inclusive of applicable GST unless the Buyer separately adds GST on advance amount. The Seller shall give necessary adjustment of advance paid by the Buyer while raising invoice to the Buyer.

3 The payment shall be made by the Buyer as per the payment terms stated in the invoice raised by the Seller upon the Buyer.

4 If the Buyer has not paid the amount due to the Seller on or before the due date calculated as per the agreed payment terms set forth in the invoice, the Seller shall be entitled (without prejudice to any rights that it may have under law or these Terms and Conditions) to terminate the order as accepted under the OA (and all its obligations under these Terms and Conditions in relation thereto) immediately by notice in writing to the Buyer and without any liability and further obligations of the Seller, notwithstanding any other terms agreed between the Parties in any other document, communication or otherwise.

5 In the event of default of any obligations on part of the Buyer, the Seller shall be entitled to forfeit any advance payment that may have been made by the Buyer for or in relation to the order as accepted under the OA, and all its obligations under these Terms and Conditions in relation thereto shall be deemed to be terminated without any liability and further obligations of the Seller, notwithstanding any other terms agreed between the Parties in any other document, communication or otherwise.

6 For Goods sold against the payment term 'Cheque on Delivery', any failure on the part of the Buyer to make the payment due to any reason shall entitle the Seller (without prejudice to any rights that it may have under law or these Terms and Conditions) to take back the Goods supplied to the Buyer. Taking back of the Goods shall in no way relieve the Buyer from any liabilities that may have arisen under these Terms and conditions including the cost of Goods, transportation costs and any other incidental costs. The Seller shall be entitled to charge interest on overdue payments from the due date till the date of payment at a rate of 18 % (Eighteen per cent only) per annum.

7 The Seller reserves the right by giving written notice to the Buyer at any time before delivery or provision, to increase the price of the Goods to reflect any increase in the cost to the Seller which is due to any change in delivery dates, quantities or specifications for the Goods which are requested by the Buyer or delay by the Buyer in taking delivery of the Goods, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.

8 In the event that the Seller fails to deliver the Goods within the agreed delivery period, its liability shall be limited to the additional costs and expenses incurred by the customer in obtaining goods of similar description, quality and price in the available market. Additionally, the Seller disclaims any liability, costs, charges which may be incurred by the Buyer due to delay in delivery of the Goods.

9 In case the Buyer has any payment related query, the same shall be addressed to **collections@forbesmarshall.com**.

D. GOODS AND SERVICES TAX (GST)

1 Seller shall charge GST, at such rate as may be applicable at the time of supply, on all supplies of Goods to the Buyer. The Seller shall provide to the Buyer such information and documents as may be reasonably required by the Buyer to enable the Buyer to claim an input tax credit under the GST law, provided that the Buyer has provided the Seller necessary correct information about the GST registration and any other required details under the GST law, to the Seller.

2 The Seller and the Buyer shall always co-operate to each other in providing necessary information/documents for enabling the procedural requirements under the GST laws.

E. DELIVERY

1 Unless otherwise agreed in writing, the Goods shall be delivered at the place as stated within the Purchase Order. Any time or date stated for delivery is an estimate only and the Seller shall not be liable for any failure to deliver at the specified time or on the specified date unless agreed in writing between the Parties. The Buyer shall make all arrangements necessary to take delivery of the Goods whenever they are tendered for delivery;

2 If the Seller is unable to deliver the Goods due to reasons attributable to the Buyer, the Seller may, at its discretion, place the Goods in storage and the Buyer shall be liable to the Seller

or any third party for any expenses associated with such storage and any other incidental expenses thereto. Further, the Buyer agrees that the Seller shall have the right to adjust, all or any cost/charges incurred by the Seller from any advance paid by the Buyer to the Seller whether under these Terms and Conditions or any other contract between the Buyer and the Seller (or the Seller's affiliates).

3 Any damages, shortages or excess deliveries in respect of the Goods supplied by the Seller to the Buyer shall be reported to the Seller within seven (7) days from the date of delivery of the Goods for necessary action. If Buyer fails to intimate the Seller within this seven (7) days period, then the Goods shall be deemed to have been delivered to the Buyer in good condition and in due compliance with the obligations of the Seller.

4 Partial / part delivery shall be permitted, unless otherwise agreed between the Parties.

5 In case of international transactions where the Buyer is located outside India and Goods are delivered outside India, any agreed trade term shall be construed in accordance with the INCOTERMS in force and as stated in the invoice.

F. RISK

Risk in the Goods shall pass to the Buyer according to the terms of delivery as stated within the Purchase Order. Where the Buyer opts to collect the Goods from the factory of the Seller, risk will pass when the Goods are handed over to the Buyer or set aside for its collection, whichever happens first.

G. TITLE

1 Title in the Goods shall not pass to the Buyer until the Seller has been paid in full for the Goods. The retention of the title shall not affect passing of risk of the Goods to the Buyer in terms of these Terms and Conditions.

2 The Buyer is not entitled to create any encumbrances, charge, lien or transfer as security any Goods on which the title has not passed to the Buyer.

3 In case the Buyer is an Original Equipment Manufacturer (OEM) / trader/ reseller, the risk and title to the Goods shall pass upon the delivery; however, the Seller shall have the right to lien on such Goods till full payment is received by the Seller.

H. LIMITATION OF LIABILITY

Notwithstanding anything to the contrary stated herein or in any other agreement, communication or documentation exchanged between the Parties:

1 The Seller's aggregate liability to the Buyer in respect of sale of any Goods (as sold pursuant to issuance of an OA) for all losses, claims, damages arising out of, or in connection with such sale of Goods or otherwise under these Terms and Conditions, its performance or breach (including claims for any indemnity) of these Terms and Conditions, whether such liability arises in contract, tort (including negligence), breach of statutory duty or otherwise shall be limited to 100% (one hundred percent) of the Price paid for the Goods supplied pursuant to such OA, and that such liability shall cease entirely upon the expiry of the Warranty Period; and

2 The Sellers liability in respect to any claims raised by the Buyer (including towards any indemnification obligations of the Seller, whether under contract or law) shall be payable to the Buyer only when any such indemnity claim of the Buyer is finally adjudicated by a competent court to have been actually suffered, sustained, incurred or paid for by the Buyer, and then too, the liability of the Seller shall be limited to the amount mentioned in clause H(1) above; and

3 Neither Party shall be liable for any loss of production, loss of profit, loss of use, loss of contracts or otherwise or for any other consequential, incidental, special, indirect, or punitive damages, costs, charges, losses (**"Indirect Damages"**) even if advised in advance of the possibility of such Indirect Damages.

I. TERMINATION

1 If for any reason the Buyer decides to terminate the contract for sale then the Seller shall be entitled to be compensated for the losses suffered and/or cost / charges incurred by the Seller for the performance of such sale of Goods.

2 If for any reason which is not attributable to the Seller, the Buyer fails to accept delivery as per the agreed terms of delivery, the Seller may by notice in writing terminate the order as accepted under the OA (and all its obligations under these Terms and Conditions in relation thereto) immediately in whole or in part. The Seller shall then be entitled to be compensated for the losses/charges suffered by the Seller by reason of the Buyer's default.

3 The Seller may terminate the order as accepted under the OA (and all its obligations under these Terms and Conditions in relation thereto)

(i) if the Buyer commits a breach of the provisions of these Terms and Conditions, including failure / delay in making payment of Price (either in full or part) as per the agreed terms of payment; or

(ii) in case the Buyer becomes bankrupt or insolvent or goes into liquidation

4 Termination of the contract of sale by the Buyer, for any reason whatsoever, shall not affect any of the rights and remedies that have accrued to the Seller as on the date of such termination, including the right to claim damages in respect of any breach of these Terms and Conditions which existed at or before the date of termination.

J. INTELLECTUAL PROPERTY RIGHTS AND CONFIDENTIALITY

1 **"Intellectual Property Rights"** means all patents, designs, copyright, trademarks, know-how and all other forms of intellectual property whether registered or not and wherever enforceable in the world;

2 Each Party shall retain ownership of all Intellectual Property Rights it had prior to the issuance of the OA. All new Intellectual Property Rights conceived or created by the Seller in the performance of its obligations under these Terms and Conditions, whether alone or with any contribution from Buyer, shall be owned exclusively by the Seller. Buyer agrees to deliver assignment documentation as may be necessary to vest such rights in the Seller.

3 Data / drawings / documentation furnished by Seller which is confidential in nature or any other information furnished by the Seller that is considered to be confidential by the Seller shall not be reproduced or used for any purpose other than the purpose for which it is or was furnished and shall not be disclosed to third parties without the prior written permission of the Seller. If the Buyer violates any of the terms of this clause, it shall indemnify the Seller. The Buyer agrees that any breach of the confidentiality obligations under this clause, may cause the Seller irreparable harm for which monetary damages would be inadequate. Accordingly, in the event of such a breach, the Seller shall be entitled to injunctive or other equitable relief to enforce the provisions of these Terms and Conditions without the necessity of proving the inadequacy of damages, in addition to any available legal remedies.

4 In case any software is incorporated into the Goods, the use of such software shall be governed exclusively by Seller's and/or applicable third-party owner's license terms. The Buyer shall have no objection if the Seller refers to the Buyer as one of the Seller's

valued customers.

K. FORCE MAJEURE

The Seller shall not be liable for any delay or failure to perform any of its obligations if the delay or failure results from events or circumstances outside Seller's reasonable control, including but not limited to, acts of God, strikes, lock outs, accidents, war, fire, breakdown of plant or machinery or shortage or unavailability of raw materials. If the delay persists for such time as the Seller considers unreasonable, it may, without liability on its part, terminate the order as accepted under the OA (and all its obligations under these Terms and Conditions in relation thereto).

L. RELATIONSHIP OF PARTIES

Nothing contained in these terms and conditions shall be construed as establishing or implying any partnership or joint venture between the Parties and nothing in these terms and conditions shall be deemed to construe either of the Parties as the agent or distributor of the other Party.

M. ASSIGNMENT AND SUB-CONTRACTING

The Parties may be entitled to assign any of their rights or obligations under these Terms and Conditions to any person upon the prior written consent of the other Party.

N. WARRANTIES

1 Subject to the terms and conditions mentioned herein, Seller shall be responsible for providing warranty for the Warranty Period.

2 The Seller warrants that for the Warranty Period, the Goods are free from any material defects and workmanship.

3 Seller makes no representation or warranty of any kind other than those explicitly stated herein, and hereby expressly disclaims, any and all other warranties, express or implied, including without limitation, the implied warranties of merchantability and fitness for a particular purpose, as well as any and all warranties arising out of course of performance, course of dealing or usage or trade.

4 Seller disclaims any responsibility or liability for any defects or deficiencies or any other liability during the Warranty Period, if any, for the Goods, if the Goods are: (i) used in any manner that is inconsistent with the intended purpose or design of the Goods as described in user manual / product literature / documentation provided by the Seller for the Goods; (ii) altered in any way; (iii) used or maintained in any manner that is inconsistent with Seller's instructions or warnings (**"User Instructions"**) provided along with the Goods; and/or (iv) subjected to any other misuse, lack of proper maintenance, faulty repair, neglect, accident or servicing by persons other than Seller's authorised person. **The Seller shall neither be liable for normal wear and tear nor for deterioration. Seller shall not be liable for any loss, damages or claims which are attributable to the negligence of the Buyer while storing, maintaining or operating the Goods. Responsibility for suitability, selection, installation, use, safety, operation or maintenance of the Goods rests solely with the Buyer.**

5 Wherever there is an express warranty provided with the Goods,

(i) the Buyer shall, without undue delay, up to the date of the Warranty Period notify the Seller in writing of any defect which appears in the Goods. The notice shall contain a description of the defect. If the Buyer fails to notify the Seller in writing of a defect within the Warranty Period, the Buyer shall lose his right to have the defect remedied.

(ii) repair shall be carried out at the place where the Goods are located unless the Seller deems it more appropriate that the Goods be sent to the Seller or a destination specified by the Seller.

(iii) defective parts which have been replaced shall be made available to the Seller and shall be the property of the Seller.

(iv) upon the Buyer intimating the Seller about the defects in the Goods, warranty adjudication shall be completed by either repairing the Goods (rectification of defects) or replacement of faulty part(s) at the discretion of the Seller.

6 The Seller shall not be liable for defects arising out of materials provided or a design stipulated or specified by the Buyer.

7 Any energy / fuel savings or any payback period calculated by the Seller in its Offer or other documentation shall be only indicative in nature and shall not be construed in any way as a guarantee by the Seller. Such energy / fuel savings or any payback period calculated by the Seller are contingent upon Buyer's continued maintenance of necessary plant parameters, operating conditions, production capacity and usage of the Seller's Goods in accordance with the **User Instructions** provided by the Seller. The Seller disclaims any liability arising out of any non-attainment of energy / fuel savings or any payback period calculated by the Seller.

O. ADHERENCE TO APPLICABLE LAW

1 The Buyer shall perform its obligations hereunder in compliance with all applicable laws including but not limited to anti-bribery laws, anti-money laundering laws, anti-corruption laws, environment laws and labour laws in any jurisdiction in connection with its activities pursuant to these Terms and Conditions.

2 The Buyer from time to time, at the reasonable request of the Seller, confirm in writing that it has complied with its covenants under this clause hereinabove and will provide any information reasonably requested by the Seller in support of such compliance.

3 To the extent that the Seller processes personal data on behalf of the Buyer under or in connection with these Terms and Conditions, it is hereby agreed between the Seller and Buyer, that:

(i) The parties will process personal data in compliance with all applicable data privacy laws.

(ii) Each party consents to the use of the other's personal data in order to fulfill the purpose of this agreement and for the continuation of the business transaction between the parties unless the consent is explicitly withdrawn at any time during or after the term of this agreement.

4 The Seller may provide sensors, analysers, monitors, gauges and/ or process control systems for the purposes of emission monitoring, diagnostics, plant operations efficiency and predictive maintenance and to comply with environmental regulations. The Buyer consents to the collection and use of such data which shall be kept confidential by the Seller and which shall be used for the purposes of providing services to the Buyer and/ or to comply with applicable law, including any environmental regulations.In case the Buyer has opted for an annual maintenance contract for transmission of its emission data to the environmental authorities as required by law, the Seller disclaims any liability for any non transmission of such emission data to the environmental authorities in case the Buyer has not paid the Price for such annual maintenance contract

and such liability shall solely rest with the Buyer.

P. WAIVER

The failure by either Party to enforce at any time or for any period, any of the terms and conditions stated herein shall not be construed as a waiver of such term(s) and condition(s) or of the right to enforce such terms and conditions of these Terms and Conditions subsequently.

Q. SEVERABILITY

If any term or provision of these Terms and Conditions is held invalid, illegal or unenforceable for any reason by any court of competent jurisdiction, such provision shall be severed and the remainder of the provisions hereof shall continue in full force and effect as if these Terms and Conditions had been agreed to with the invalid, illegal or unenforceable provision eliminated.

R. ENTIRE AGREEMENT

These Terms and Conditions supersede all previous agreements, correspondence and understandings between the Parties concerning the sale of Goods to be supplied pursuant to the order as accepted under the OA. Upon issuance of the OA, no modification to these Terms and Conditions shall be of any force or effect between the Parties.

S. GOVERNING LAW AND DISPUTE RESOLUTION

1 These Terms and Conditions shall be construed and interpreted in accordance with the laws of India. All disputes arising between the Parties out of or in connection with the performance and/or breach of these Terms and Conditions or otherwise in relation to supply of Goods by the Seller to the Buyer shall be amicably settled between the Parties. Where the Parties fail to settle the dispute amicably within 60 (sixty) days of written notice of its existence given by either Party to the other then such disputes shall be settled by arbitration by submitting the dispute to the decision of a sole arbitrator as may be mutually appointed by the Parties in accordance with the provisions of Arbitration and Conciliation Act 1996, as amended from time to time. The venue of Arbitration shall be Pune. The language of the arbitral proceedings shall be English.

2 Unless otherwise agreed in writing between the Parties, in case of international transactions where the Buyer is located outside India and Goods are delivered outside India, the UN Convention on the International Sale of Goods (CISG) shall not apply.

T. SURVIVAL

The provisions of these Terms and Conditions in relation to Limitation of Liability, Intellectual Property and Confidentiality, Governing Law and Dispute Resolution and all obligations that are capable of having effect after the expiry or termination of the order as accepted under the OA shall survive such expiry or termination, and shall be without prejudice to the rights and remedies of the Parties up to and including the date of such expiry or termination.

END OF STANDARD TERMS & CONDITIONS

ANNEXURE B

COPY OF FUGITIVE EMISSION REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 926/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Near raw material handling area

Sr. No.	Particulars	Unit	Location # 1	Location # 2	Location # 3	Location # 4
01.	**Location of Sampling**	---	**Nr. Vagon Trippler**	**Nr. Sreen Area**	**Nr. Transfer Point**	**Nr. Stock Bin area**
02.	Date of sampling	---	7/14/2020	7/14/2020	7/14/2020	7/14/2020
03.	Time of sampling	Hr	8.15	8.30	8.35	8.45
04.	Dominant Wind Direction (From)	---	SW to NW	SW to NW	SW to NW	SW to NW
05.	Average Wind Speed	Km/Hr	2 to 18	2 to 18	2 to 18	2 to 18
06.	Average flow rate during sampling	m^3/minute	1.11	1.10	1.21	1.14
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1812	1754	1569	1741

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LIMITED

Jagdish
Analyst

Royal Environment Auditing & Consultancy Service

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref No : 927/07/2020-2T

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Crusser area

Sr.No.	Particulars	Unit	Location # 5	Location # 6	Location # 7
01.	**Location of Sampling**	---	**Nr. Crusser area**	**Nr. Vibrating sreen**	**Nr. Transfer point**
02.	Date of sampling	---	7/15/2020	7/16/2020	7/16/2020
03.	Time of sampling	Hr	9.05	16.10	16.30
04	Dominant Wind Direction (From)	---	SE	SE	SE
05.	Average Wind Speed	Km/Hr	3 to 16	3 to 12	2 to 16
06.	Average flow rate during sampling	m^3/minute	1.13	1.11	1.10
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1571	1523	1562

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LTD.

Jagdish
Analyst

Royal Environment Auditing & Consultancy Service

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 928/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Raw material feeder area

Sr. No.	Particulars	Unit	Location # 8	Location # 9	Location # 10
01.	**Location of Sampling**	---	**Nr. Feeder area**	**Nr. mixing Feeder area**	**Nr. Transfer point**
02.	Date of sampling	---	7/16/2020	7/16/2020	7/16/2020
03.	Time of sampling	Hr	16.30	17.20	17.30
04.	Dominant Wind Direction (From)	---	SW to NW	SW to NW	SW to NW
05.	Average Wind Speed	Km/Hr	3 to 16	2 to 14	3 to 14
06.	Average flow rate during sampling	m^3/minute	1.10	1.21	1.10
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1285	1670	1610

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LIMITED

Jagdish

Royal Environment Auditing & Consultancy Service

Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

: No. : 930/07/2020-21 Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

ne of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

npling Site: Product Processing area

No.	Particulars	Unit	Location # 13	Location # 14	Location # 15	Location # 16
1.	**Location of Sampling**	---	**Nr. Intermediate stock bin area**	**Nr. Screening plant**	**Nr. Magnetic saprating plant**	**Nr. Transfer plant**
2.	Date of sampling	---	7/17/2020	7/17/2020	7/17/2020	7/17/2020
3.	Time of sampling	Hr	8.30	8.40	9.00	16.00
4.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW	SE to NW
5.	Average Wind Speed	Km/Hr	4 to 16	4 to 16	4 to 16	4 to 16
6.	Average flow rate during sampling	m^3/minute	1.11	1.13	1.21	1.20
7.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**	**2000**
8.	Measured Concentration of SPM	$\mu g/m^3$	1421	1628	1765	1375

nents Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

ation done on 1) 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Jagdish

al Environment Auditing & Consultancy Service

Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 931/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Product Processing area

Sr. No.	Particulars	Unit	Location # 17	Location # 18	Location # 19
01.	**Location of Sampling**	---	**Nr. Oversize discharge area**	**Nr. Product separation**	**Bagging area**
02.	Date of sampling	---	7/17/2020	7/17/2020	7/17/2020
03.	Time of sampling	Hr	16.15	16.35	16.50
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	4 to 16	4 to 16	4 to 16
06.	Average flow rate during sampling	m^3/minute	1.13	1.15	1.11
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1485	1485	1420

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 1) 06/05/2019

GALLANTT METAL LIMITED

Jagdish

Analyst

Royal Environment Auditing & Consultancy Service

ANNEXURE C

COPY OF NEWS PAPER CLIPPING

GALLANTT

Ref: GML/2019-20/002
Date: 27/06/2019

To,
The Addl. Director(s)
Ministry of Environment & Forest,
Regional Office, Western Region,
"Kendriya Paryavaran Bhavan", E-5
Ravi Shankar Nagar,
Bhopal – 462016 (M.P).

Sub: Intimation of Advertisement of Environmental Clearance in News Papers. Gallant Metal Ltd.

Ref : MOEF letter No:- J-11011/52/2013-IA II(I) Dated 17th June 2019

Dear Sir,

With reference to the matter subjected above we would like to inform that we have published the advertisement with regard to the above referred Environmental Clearance granted to us, in an English News Paper and in one local Gujarati News Paper. Copies of both News Paper cuttings are enclosed herewith for your kind perusal.

Kindly acknowledge the receipt and do the needful.

Thanking You,

Yours Sincerely,

For Gallant Metal Ltd.

Authorized Signatory
Encl: As Above

भारतीय डाक
India Post

<Dial 1800 266 6868>

EG960288116IN IVR:6971960288116
SP SAMAKHIYALI SO <370150>
Counter No:1.28/06/2019.11:56
To:MIN.OF ENVIRO.RO W.R
PIN:462016, R.S.Nagar S.O
From:GALLANT METAL LTD,.
Wt:50gms
Amt:41.30(Cash)PS:Tax:6.30
<Track on www.indiapost.gov.in>

GALLANTT METAL LIMITED
WORKS : SURVEY No. 175/1, VILLAGE - SAMAKHIYALI, TALUKA - BHACHAU, KUTCH, GUJARAT - 370 150. FAX : (+91 2837) 283555, 283557
REGISTERED OFFICE : " GALLANTT HOUSE ", I - 7 , JANGPURA EXTENSION, NEW DELHI - 110 014. TEL : (+91 11) 45048487
OFFICE : WARD 10/BC, PLOT NO. 123, GROUND FLOOR, GANDHIDHAM, KUTCH, GUJARAT - 370 201 TEL : (+91 2836) 228164 FAX : 235787
CIN NO. L27109DL2005PLC350524
e-mail :gml@gallantt.com Web : www.gallantt.com

ne for her 'sadhna' (worship) and adhere to certain dietary rules.

In view of all this, it was not possible for her to travel from Bhopal to Mumbai every week, said the application filed by her lawyer advocate J P Mishra.

She had also cited her duties as Bhopal MP as a reason for not being able to attend the court.

Advocate Mishra had also submitted that as per her party's whip, she needs to attend the ongoing Parliament session.

Therefore, she should be exempted from appearance at least till the end of Parliament session on July 26, the lawyer said.

However, special judge for NIA cases V S Padalkar said these grounds were "not reaso-

was not clean... On humanitarian grounds the court repeatedly asked her to sit on the chair which she refused."

Her statements were baseless and she "deliberately and intentionally" did not notice construction work happening in the court premises, the judge added. The court had last month directed all the accused to appear before it once a week.

Thakur and six others are facing trial under the Unlawful Activities (Prevention) Act (UAPA), the Indian Penal Code (IPC) and other laws. In particular, they have been charged under sections 16 (committing terrorist act) and 18 (conspiring to commit terrorist act) of the UAPA, and sections 302 (murder) and 153 (a) (promoting enmity between two religious groups) of IPC. PTI

suggesting that the blasts were handiwork of Indian Mujahideen and not the accused SIMI members.

The IB rejected his application on the grounds that it has been exempted from

respondent despit
ving information t
not involved in the
This court is of the
clusion is erroneo

PUBLIC NOTICE

It is hereby informed that the Ministry of Environment, Forest & Climate Change (MoEF & CC), New Delhi has accorded Environmental Clearance vide Letter no. F.No J-11011/52/2013-IA II(I) dated 17 th June, 2019 to **"M/s. Gallantt Metal Ltd."** for Expansion of production capacity of Sponge Iron: 2,25,000 TPA to 3,73,500 TPA, TMT Bars:3,30,000 TPA to 4,22,400 TPA, M.S. Billet/ S.S. Billets:3,36,600 TPA to 4,29,000 TPA, MS Rolled Bars: 6,483 TPA, Coal Based Captive Power Plant (AFBC): 35 MW and WHRB: 16 MW located at Village Samkhaiyali, Tehsil Bhachau, District Kutch, Gujarat under the provision of EIA Notification dated 14 th September 2006. Copies of clearance letter may be seen at website of the Ministry of Environment and forest at http://environmentclearance.nic.in

Bhachau, Kutch Date : 20/06/2019	M/s. Gallantt Metal Ltd.

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Gujarat Pollution Control Board

Paryavaran Bhavan Sector 10 A, Gandhinagar.
Tel : 079-23232152, Fax : 079-23222784 www.gpcb.gujarat.g

Public Notice - Correction

It is hereby informed that as per the public Notice published in daily ne THE TIMES OF INDIA dated 08/06/2019 public hearing of M/s Umb Stone Mining Project (C/o.K. J. Trivedi & Compmn) (Mine Lease Arm 7 for Proposed Production of Limestone mining-29,870 MTPA, at Surve 70 (P), Village: Umba, Ta: Veraval, Dist. Gir Somnath Covered under C "B", in which it is read as M/s Umba Lime Stone Mining Project (C/o. R. J & Company) (Mine Lease area 7.69 Ha) in place of M/s Umba Lim Mining Project (C/o. K. J. Trivedi & Compmn (Mine Lease Arm 7.69 Ha)

Place: Gandhinagar — K. C. Mistr
Date: 14/06/2019 — Member Secre

M/s KRISHNA STEEL PRODUCT

(Registration No: GUJ-BVN-11842)
"Form No. URC-2"
Advertisement giving notice about registration under Part I of Chapter X
[Pursuant to section 374(b) of the companies Act, 2013 and rule 4(1) of the co
(Authorised to Register) Rules, 2014]

1. Notice is hereby given that in pursuance of sub-section (2) of section 3 Companies Act, 2013, an application is proposed to be made after fifteen da but before the expiry of thirty days hereinafter to the Registrar at Gujarat KRISHNA STEEL PRODUCT (GUJ-BVN-11842) a partnership firm may be under Part I of Chapter XXI of the Companies Act 2013, as a company limited b
2. The principal objects of the company are as follows:
a) To carry on in India or elsewhere the business of manufacturing, producing, converting, processing, treating, improving, manipulating, extruding, milling cutting, casting, forging, rolling and rerolling of all shapes, sizes, specifications, dimensions, descriptions and strength of Steel & iron angles, b structures, profiles, pipelines, pipes, sheets, casting wires, rolling metals, rolls, ingots, flats, slabs, bright bars, shafting, beams, rounds, squares, octagons, their products, by products and other allied artides used in tower transmission of Power.
b) To establish and operate the Re-rolling mill, Wind mill and all ancillary busines
3. A copy of the draft memorandum and articles of association of the proposed may be inspected at the office at 107, 108 & 204, Sagar Complex, Jasonat Bhavnagar.
4. Notice is hereby given that any person objecting to this application may com their objection in writing to the Registrar at Central Registration Centre (CR Institute of Corporate Affairs (IICA), Plot No. 6,7,8 Sector 5, IMT Manesa Gurgaon (Haryana), Pin Code- 122050, within twenty one days from th publication of this notice, with a copy to the company at its registered office.

Dated this 21st day of June, 2019.

Name(s) of
Sd/-1. NikulKumar D
2. Maheshbhai D

NOTICE

TATA CHEMICALS LIMITE

Registered office :- Bombay House,
24 Homi Mody Street, Fort, Mumbai.

NOTICE is hereby given that the certificate(s) Company has/have lost/mislaid and the holder(s) of t securities / applicant(s) has /have applied to the comp issue duplicate certificate(s).

Any person who has a claim in respect of the said se should lodges such claim with the Company Registered office within 15 days from this date e company will proceed to issue duplicate certific without further intimation.

Name (s) of holder(s) and jt. holder (s), if any)	Kind of Securities and face value	No.of Securities	Distinctiv numbers	
			From	
Mahendra K.Mavani	10/-	97	11631537	116
			17654975	176
			22506596	225
Hansa M.Mavani			59393776	593
			80130265	801
			99730265	997
			138655037	138

Mahendra K.
Mavani Hansaben M
Name of holder (s)/Appl

Place :- Dwarka
Date :- 19/06/2019

ઉપપ્રમુખશ્રી ... મંત્રીશ્રી

...ત્રાણા તાલુકા પંચાયત કર્મચારી ...ળીના ઉપરોકત ગૌરવવંતા પદે થયેલી ...મદલ હાર્દિક શુભકામના....!

:: શુભેચ્છક ::

તા.પં.ક.ધિ. સ. મંડળીના હોદ્દેદારો અને સભ્યો

સાસાટાવા કમરામાં આવા ગયેલા યુવકની ધરપકડ કરીને બોરીવલી જી.આર.પી.ને હવાલે કરાયો છે.

મુકેશ મહેતા નામના એક મુસાફરનો રૂ. ૧૬૦૦૦ની કિંમતનો ફોન મલાડ સ્ટેશનના પ્લેટ ફોર્મ નં. ૧ પરથી ચોરાયો હતો. જેમાં સીસીટીવી ફુટેજને આધારે કચ્છના ૨૦ વર્ષીય આરોપી પિન્ટુ અમૃતને ઝડપી કરાયો. આરોપીને પડાયો હતો.

માનકુવામાં બાઈક સ્લીપ થ ચાલક ઘવાયો

ભુજ : તાલુકાના મા નજીક પોલીસ સ્ટેશન સામે પર બાઈક સ્લીપ થતા ચા ઈજાઓ થવા પામી હતી. પ સુત્રોના જણાવ્યા અ ભુજના અશોક જેઠી પો મોટર સાઈકલ ઉપર પો ઘરે ભુજ તરફ જતો હતો બાલક સ્લીપ થઈ જતા ઈ થતા સારવાર માટે હોસ્પિ દાખલ કરાતા માનકુવા પ જાણવા જોગ દાખલ કરી હાથ ધરી હતી.

જાહેર સુચના

આ સાથે જણાવવામાં આવે છે કે, પર્યાવરણ, વન અને હવામાન પરિવર્તન મંત્રાલય, નવીદિલ્હી દ્વારા પત્ર નંબર F.No. J-11011/52/2013-IA II (I) તારીખ ૧૭ જુન, ૨૦૧૯ના રોજ મેસર્સ. ગેલેન્ડ મેટલ લિ. દ્વારા સ્પોન્જ આયર્ન : ૨,૨૫,૦૦૦ ટીપીએ થી ૩,૭૩,૦૦૦ ટીપીએ, ટીએમટી બાર : ૩,૩૦,૦૦૦ ટીપીએ થી ૪,૨૨,૦૦૦ ટીપીએ, એમ.એસ.બેલેટ/ એસએસ. બીલ્લીટ્સ : ૩,૩૬,૦૦૦ ટીપીએ થી ૪,૨૯,૦૦૦ ટીપીએ, એમ.એસ. બાર : ૬,૪૮૩ ટીપીએ અને કોલ આધારિત કેપ્ટિવ વ્રીજ પ્લાન્ટ : ૩૫ MW અને ડબલ્યુ એચ આર બી : ૧૬ MW ઉત્પાદનમાં વિસ્તરણ માટે સર્વે નં. ૧૭૫/૧, ગામ - સામખિયાલી, તહેસીલ - ભચાઉ, જીલ્લો- કચ્છ, ગુજરાત ખાતે પ્રસ્તાવિત વિસ્તરણ પરિયોજના ઉત્પાદન માટે ઈ.આઈ.એ નોટીફીકેશન તારીખ ૧૪ સપ્ટેમ્બર, ૨૦૦૬ની જોગવાઈ હેઠળ એન્વિરોન્મેન્ટલક્લિયરન્સ મળેલ છે.

ક્લિયરન્સ પત્રની નકલ પર્યાવરણ, વન અને હવામાન પરિવર્તન મંત્રાલય, નવીદિલ્હીની વેબસાઈટ http://enviromentclearance.nic.in ઉપર ઉપલબ્ધ છે.

ભચાઉ, કચ્છ તારીખ : ૧૬-૦૫-૨૦૧૯	મેસર્સ ગેલેન્ટ મેટલ લિ.

જન્મદિન મુબારક

તા. ૨૧-૦૬-૨૦૧૯

પ્રીસીના શુભ જન્મ દિને 'ઉદય' પરિવાર તેમને ખૂબ હાર્દિક શુભકામના પાઠવે છે

પિતા : કીર્તિભાઈ ભગત

માતા : પ્રિયાબેન ભગત

ગામ : દયાપર

પશ્ચિમ રેલ્વે

...ત નં.સી-૭૮/૧/૧૧૭/SLR/૦૪/૨૦૧૯ તા.૧૭/૦૬/૨૦૧૯

...ર (વાણિજ્ય), પશ્ચિમ રેલવે મુંબઈ ડિવિઝન, મુંબઈ સેન્ટ્રલ પાંચ વર્ષની મુદત માટે નિશ્ચિત ટ્રેઈનોમાં ...ગ માટે લમ્પસમ દરો ચૂકવણી પર સિંગલ ફેરા ધોરણ પર SLRના લીઝિંગ માટે ઓપન ઈ-ટેન્ડર મંગાવે ...ન્ટ્સમાં ૩.૬/૪.૦ ટનના લીઝિંગ કોન્ટ્રેક્ટ નીચે દર્શાવેલ ટ્રેઈનોમાં કોન્ટ્રેક્ટ ગાળો ૫ વર્ષ માટે મંગાવે છે. ...ઓનલાઈન નેટ બેન્કિંગ કે ઈ-પેમેન્ટ ગેટવે દ્વારા જ સ્વીકારવામાં આવશે.

		બી/સુવી	બા.પી. (રૂ.મા)
...મ	એમએમસીટી-આરએમ		૧૫,૩૧૧/-
...મ	બીડીટીએસ-એમએમસી		૬,૭૦૪/-
...મ	બીડીટીએસ-વીમાએસ		૬,૬૭૬/-
...મ	બીડીટીએસ-જર		૬,૨૪૦/-
...મ	બીડીટીએસ-એમએમસી		૬,૭૦૪/-
...મ	બીડીટીએસ-જેએમ		૬,૦૦૪/-
...મ	બીડીટીએસ-બીજીડી		૧૦,૨૨૨/-
...ર-I	એસટી-બીજીપી		૨૬,૭૪૨/-
...ર-II	એસટી-બીજીપી		૨૬,૭૪૨/-
...ર-I	એસટી-બીજીપી		૨૬,૭૪૨/-
...ર-I	બીડીટીએસ-જીડીપી		૧૮,૧૪૭/-
...ર-I	ડીડીબાર-બીકેએન		૬,૬૪૯/-
...ર-I	ડીડીબાર-બલા		૬,૭૪૫/-
...ર-I	એમએમસીટી-એડીબાઈ		૧,૫૧૨/-
...ર-II	એમએમસીટી-એડીબાઈ		૧,૫૧૨/-
...ર-I	બીડીટીએસ-આરએમબાર		૮,૨૫૮/-
...ર-II	એમએમસીટી-પીબીબાર		૨,૬૮૨/-
...ર-I	એમએમસીટી-પીબીબાર		૨,૬૮૨/-
...ર-II	બીડીટીએસ-જુબાઈબીબી		૪,૮૫૬/-
...ર-I	બીડીટીએસ-બીકેએન		૬,૫૧૬/-
...ર-II	બીડીટીએસ-બીકેએન		૬,૫૧૬/-
...ર-I	બીડીટીએસ-એચએમએસબાર		૩,૭૨૧/-
...ર-II	બીડીટીએસ-એચએમએસબાર		૩,૭૨૧/-
...ર-I	એમએમસીટી-એમએસબાર		૨૭,૩૨૫/-
...ર-I	એમએમસીટી-એમએસબાર		૨૭,૩૩૫/-
...ર-I	એમએમસીટી-બીબારસી		૫,૧૮૦/-
...ર-I	એમએમસીટી-બીબારસી		૫,૧૮૦/-
...ર-I	એમએમસીટી-જેપી		૧૮,૮૨૬/-

અનુ.નં.	ટ્રેઈન નં	બી/સુવી	બા.પી. (રૂ.મા)
૨૯	૧૨૯૯૫-એફએસએમબાર-I	બીડીટીએસ-બલા	૪,૭૪૯/-
૩૦	એફએસએમબાર-II-૧૨૯૯૫	બીડીટીએસ-બલા	૪,૭૪૯/-
૩૧	૧૧૯૯૫-એમએસએમબાર-III	બીડીટીએસ-મુડીઝેડ	૨,૬૨૨/-
૩૨	એમએસએમબાર-IV-૧૧૯૯૫	બીડીટીએસ-મુડીઝેડ	૨,૬૨૨/-
૩૩	૧૧૯૯૫-આરએમએસબાર-I	બીડીટીએસ-મુડીઝેડ	૨,૬૨૨/-
૩૪	એમએસએમબાર-II-૧૧૯૯૫	એમએમસીટી-પીબારએમ	૫,૧૧૮/-
૩૫	૨૨૯૫૫-એફએસએમબાર-I	એમએમસીટી-એફએસબાર	૫,૪૯૯/-
૩૬	૧૯૦૨૩-એફએસએમબાર-II	એમએમસીટી-એફએસબાર	૧૭,૩૩૭/-
૩૭	૧૯૦૧૫-એફએસએમબાર-I	એસટી-પીબીબાર	૨૫,૭૫૮/-
૩૮	૧૯૦૧૫-એફએસએમબાર-II	એસટી-પીબીબાર	૨૫,૭૫૮/-
૩૯	૧૯૦૧૫-આરએમએસબાર-I	બીએસ-એમએમપી	૧૭,૫૦૦/-
૪૦	૧૯૦૧૫-એફએસએમબાર-I	એસટી-એમએમપી	૨૯,૭૦૮/-
૪૧	૧૯૦૧૩-આરએમએસબાર-I	એસટી-એમએમપી	૨૯,૭૦૮/-
૪૨	૧૯૧૧૫-એફએસએમબાર-I	ડીડીબાર-જર	૯,૪૭૮/-
૪૩	૧૯૭૦૬-એફએસએમબાર-I	બીડીટીએસ-જેપી	૧૨,૦૮૭/-
૪૪	૧૯૭૦૬-એફએસએમબાર-II	બીડીટીએસ-જેપી	૧૨,૦૮૭/-
૪૫	૧૯૭૦૬-આરએમએસબાર-II	બીડીટીએસ-જેપી	૧૨,૦૮૭/-
૪૬	૧૯૦૦૩-એફએસએમબાર-I	બીડીટીએસ-બીએસએમ	૬,૭૩૪/-
૪૭	૧૯૦૦૩-એફએસએમબાર-II	બીડીટીએસ-બીએસએમ	૬,૭૩૪/-
૪૮	૧૯૦૦૩-આરએમએસબાર-I	બીડીટીએસ-બીએસએમ	૬,૭૩૪/-
૪૯	૨૨૯૦૧-એફએસએમબાર-I	બીડીટીએસ-બલા	૧૬,૮૨૯/-
૫૦	૨૨૯૦૧-એફએસએમબાર-II	બીડીટીએસ-બલા	૧૬,૮૨૯/-
૫૧	૨૨૯૦૧-એમએસએમબાર-I	બીડીટીએસ-બલા	૧૬,૮૨૯/-
૫૨	૨૨૯૦૧-એમએસએમબાર-II	બીડીટીએસ-મુડીઝેડ	૧૦,૪૮૫/-
૫૩	૨૨૯૦૧-એમએસએમબાર-IV	બીડીટીએસ-મુડીઝેડ	૧૦,૪૮૫/-
૫૪	૨૨૯૦૧-આરએમએસબાર-I	બીડીટીએસ-મુડીઝેડ	૧૦,૪૮૫/-
૫૫	૧૨૯૨૨-એફએસએમબાર-II	એસટી-એમએમસીટી	૬,૦૧૬/-

...ખ : ૧૧/૦૭/૨૦૧૯ના ૧૫.૦૦ કલાક સુધી માત્ર www.ireps.gov.in માં ઓનલાઈન મારફત.

...ખ : ૧૧/૦૭/૨૦૧૯ના ૧૫.૩૦ કલાક

...ook.com/WesternRly Follows us on: twitter.com/WesternRly

પશ્ચિમ રેલવે-અમદાવાદ ડિવિ...

કાંકરિયા તથા ટુ વ્હીલર પાર્કિંગનો કો-ટ્રે...

ટેન્ડર આમંત્રિત સૂચના ટેન્ડર નોટીસ C481/2/Tender/Parking/NBVJ/1...

તારીખ 18.06.2019 ટેન્ડર DRM/Comml/113/2019-20 1. ...

નામ : ત્રણ વર્ષના ગાળા માટે નવુ ભુજ સ્ટેશનમાં 1800 ચો.મી. ચોરસફળના પ્લોટ... તથા ટુ વ્હીલર પાર્કિંગના બ્રેન્ડ્રેક્ટ માટે ટેન્ડ... રીઝર્વ કિંમત (પ્રતિ વર્ષ) : ₹ 5,65,000... પાંચ લાખ પાંસઠ હજાર પુરા) 3. અર્નેસ્ટ ડિપોઝીટ : ₹ 84,800/- (₹ ચોર્યાસી ... આઠસો પુરા) 4. (એ) ઈ-ટેન્ડર બંધ થ... તારીખ અને સમય : (એ) 17.07... (બુધવાર)ના 15.00 કલાકે. (બી) ઈ-... ખોલવાની તારીખ અને સમય : ... 17.07.19 (બુધવાર)ના. 15.30 કલાકે... વેબસાઈટનું સરનામું જ્યાંથી ટેન્ડર શોધ... ડાઉનલોડ કરી શકાશે.: www.ireps.gov...

...ook.com/Western... facebook.com/Western...

ANNEXURE D

COPY OF EC SENT TO DIFFERENT AUTHORITIES

मानव कल्याण पर्यावरण एवं सुरक्षा मंडल
HUMAN WELFARE, ENVIRONMENT & SEAFTY ASSOCIATION
(NATIONAL LEVEL N.G.O.)
KUTCH DISTRACT SECRETORY

HWESA

Regd. office : 7, Gajanand Society, Ankleshwar - 393 001
Dist. Bharuch (Gujarat)
Kutch Office : D/102 Gayatri Kunj, Shakti Nagar, Gandhidham
& Bus Station, Lakadiya - 370 145
E-mail:dineshrana912@gmail.com

Dinesh Rana (Bhil)
Phone 9978827480
9714627480
Regd. No. F/1027/BHARUCH (1990)
GUJ/1038/BHARUCH (1990)

Ref. Date :

Recend Copy of Environmental Clearan No F.No J-11011/52/2013-14 dated 19.05.16 from Gallant Metal Limited Samatvya tj. Kutch

12/6/16

GALLANT METAL LIMITED Gandhidham

ટ્રસ્ટ નોંધણી નંબર : ગુજ/૨૧૩૩/૬૨૭.
સાર્વજનિક ટ્રસ્ટ રજી.નં. એફ/૨૭૧૩/૬૨૭.

શ્રી. ટ્રાન્સફર ...

પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ

જંગી રોડ, સામખીયારી, તા. ભચાઉ-૬૨૭.

જાવક નં. તારીખ :

એડવાન્સ મેન્ટલ ક્લીયરન્સ નં. F. નં.
T- ૧૧૦૧૧/૫૨/૨૦૧૩ IA II (I) તારીખ
૧૯/૦૫/૨૦૧૬ ના નકશા ગેરેન્ટર મેટલ પ્રાઇવેટ
લિમિટેડ સામખીયારી તરફથી મળેલ છે.

પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ
રજી. નં.
એફ-2713
૬૨૭
સામખીયારી

METAL PRIVATE LIMITED
સામખીયારી

પ્રમુખશ્રી
પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ
સામખીયારી
10/6/16

" વિના સહકાર નહી ઉદ્ધાર "

શ્રી ધરાણા ગ્રામપંચાયત

મુ. ધરાણા. તા.ભચાઉ-કચ્છ.

જાવક નં. તારીખ :-

એન્વાયરમેન્ટલ ક્લીયરન્સ નં. F. નં.
J- ૧૧૦૧૨/૫૨/૨૦૨૩ - IA II (I) તારિખ
૧૯/૦૫/૨૦૨૬ ની નકલ ગોલેન્ટ મેટલ લીમીટેડ
સોમજીયારિ તરફથી મળેલ છે.

ડોગર વાલજી ભાઈ મેઘા ભાઈ
સરપંચશ્રી
ધરાણા ગ્રામ પંચાયત
12/06/16

GOLANT METAL LIMITED

રજી.નં.૧૩૪૬/૬ રજી. તા. ૧૭/૭/૯૮ મો. ૯૯૭૮૧ ૦૭૦૫૧, ૯૯૭૯૬ ૯૭૬૨૧

શ્રી વાગડ માનવ વિકાસ ટ્રસ્ટ - ગાગોદર

(કચ્છ શાખા)

મુ.: પો.: તાલુકો: જીલ્લો:

જાવક નં. તારીખ:

મુખ્ય કાર્યાલય :- ગાગોદર, તા. રાપર - કચ્છ.

પ્રમુખ
ભરવાડ ધારાભાઈ કલાભાઈ

પ્રવૃતિઓ :-

- લોક જાગૃતિ સંગઠન
- શોષણ અન્યાય સામે અહિંસક સંઘર્ષ
- ખેતી પશુ પાલન વિકાસ
- મહિલા, બાળ વિકાસ
- જળ, જંગલ, જમીન, સંરક્ષણ અને વિકાસ
- કુદરતી સંશોધનો દ્વારા ગ્રામ વિકાસ
- સહકારી પ્રવૃતિ
- જાહેર હિતાર્થ

સોમ્યાચરમેન્ટલ કુલાચરંજસ નં. F.નં
J-22022/42/2023 - IA II (I) તારિખ
28/04/2023 ની બાબત ગેલેન્ટ
મેટલ લીમીટેડ, સામખીયારિ તરફથી
મળેલ છે.

13/6/16

GALLANT METAL LTD. MXED ★ Gandhidham

મેસર જલેંટ મેટલ લિમિટેડ ની વિસ્તારીકરણ બાબતે અંગ્રેજી / ગુજરાતીમાં કાર્યકારી સારાંશ મળેલ છે જે બાબતે નીચે સહી કરવામાં આવે છે.

ન.	વિભાગનું નામ	અધીકારીનું નામ	સહી/ સિક્કો	સંપર્ક (મોબાઈલ)
	ગ્રામ પંચાયત સામખીયાળી		RHT of. બાળા સતીશેન લાખાભાઈ સરપંચ શ્રી સામખીયારી ગ્રામ પંચાયત તા. ભચાઉ-	
	તલાટી સામખીયાળી			RHT of. બાળા સતીશેન લાખાભાઈ
	જિલ્લા પરિસદ મેમ્બર સામખીયાળી		સરપંચ શ્રી સામખીયારી ગ્રામ પંચાયત તા. ભચાઉ-કચ્છ	
	તાલુકા પંચાયત સામખીયાળી	Chat	તાલુકા પંચાયત સદસ્ય સામખીયારી સીટ-૧ મુ. પો. સામખીયારી તા. ભચાઉ-કચ્છ.૩૭૦૧૪૦	Mo. 93791 56072
	ડિપ્પટિ ક્લેક્ટર ઓફિસ ભચાઉ		Despatch Clerk Prant Office Bhachau - Kutch Pin - 370 140	24/6/2019
	જી.પી.સી.બી. ઓફિસ ગાંધીધામ		Received Gujarat Pollution Control Board Regional Office Kutch (East)	26-6-19
	ક્લેક્ટર ઓફિસ ભુજ			29/6/19 ટ્રાસ્ટી (આવક) શાખા કલેક્ટર કચેરી ભુજ-કચ્છ

GALLANTT METAL LIMITED Gandhidham

ANNEXURE A1

STACK MONITORING ANALYSIS REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 726/09/2020-21

Date : 14/09/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : Gallantt Metal Limited
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sr. No.	Particulars	Unit	Stack - 1
01.	Date of sampling	---	06/09/2020
02.	Time of sampling	Hr	10.10
03.	**Stack Attched to**	---	**AFBC Boiler of Power Plant**
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	90
06.	Stack Diameter	Meter	3.8
07.	Ambient Temperature	Degree Centi.	32
08.	Stack Temperature	Degree Centi.	123
09.	Average Velocity of Flue Gases	M/Sec.	8.7
10.	Isokinetic flow rate for P.M. Sampling	LPM	16
11.	Gaseous Sampling Flow Rate	LPM	2.0
12.	**Permissible Limit for P.M.**	**mg/Nm^3**	**50**
13.	Measured Concentration of P.M.	mg/Nm^3	41.6
14.	**Permissible Limit for SO_2**	**mg/Nm^3**	**600**
15.	Measured Concentration of SO_2	mg/Nm^3	89.4
16.	**Permissible Limit for NOx**	**mg/Nm^3**	**300**
17.	Measured Concentration of NOx	mg/Nm^3	84.6

*Permissible limit are as per MoEF&CC Notification S.O.3305(E),dated 07/12/2015.
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

Royal Environment Auditing & Consultancy Service Rajkot

GALLANTT METAL LIMITED Gandhidham

Analyst

Royal Environment Auditing & Consultancy Service

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 728/09/2020-21

Date : 14/09/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 3	Stack - 4
1	Date of sampling	---	06/09/2020	06/09/2020
2	Time of sampling	Hr	11.20	12.10
3	**Stack Attached to**	---	**Rotary Kiln - 1, 2**	**Rotary Kiln - 3**
4	Air Pollution Control Measures	---	Recoupertur & ESP	Recoupertur & ESP
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	35	35
7	Stack Temperature	Degree Centi.	119	133
8	Ambient Temperature	Degree Centi.	33	33
9	Average Velocity of Flue Gases	M/Sec.	6.8	7.1
10	Isokinetic flow rate for P.M. Sampling	LPM	15	16
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	**Permissible Limit for P.M.**	**mg/Nm3**	**100**	**100**
13	Measured Concentration of P.M.	mg/Nm3	56.8	71.6
14	**Permissible Limit for SO2**	**ppm**	**100**	**100**
15	Measured Concentration of SO2	ppm	74.2	72.5
16	**Permissible Limit for Nox**	**ppm**	**50**	**50**
17	Measured Concentration of Nox	ppm	25.6	26.2
18.	**Permissible Limit for CO***	**% (V/V)**	**1.0%**	**1.0%**
19.	Measured Concentration of CO*	% (V/V)	0.6	0.5

*Permissible limit are as per MoEF&CC Notification G.S.R.414(E),dated:30/05/2008.
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 729/09/2020-21

Date : 14/09/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 5	Stack - 6
1	Date of sampling	---	06/09/2020	06/09/2020
2	Time of sampling	Hr	14.10	15.30
3	**Stack Attached to**	---	**Induction Furnace - 1 & 4**	**Induction Furnace - 2 & 3**
4	Air Pollution Control Measures	---	Cyclone Separator & Wet Srubber	Cyclone Separator & Wet Srubber
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	48	30
7	Stack Temperature	Degree Centi.	128	132
8	Ambient Temperature	Degree Centi.	33	33
9	Average Velocity of Flue Gases	M/Sec.	7.1	7.5
10	Isokinetic flow rate for P.M. Sampling	LPM	19	18
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	**Permissible Limit for P.M.**	**mg/Nm3**	**50**	**50**
13	Measured Concentration of P.M.	mg/Nm3	32.4	34.6
14	**Permissible Limit for SO2**	**ppm**	**100**	**100**
15	Measured Concentration of SO2	ppm	30.7	31.5
16	**Permissible Limit for Nox**	**ppm**	**50**	**50**
17	Measured Concentration of Nox	ppm	28.4	25.3

*Permissible limit not specified in EC copy as well as in GPCB CC&A
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

Royal Environment Auditing & Consultancy Service Rajkot

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

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Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 626/08/2020-21

Date : 20/08/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : Gallantt Metal Limited
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sr. No.	Particulars	Unit	Stack - 1
01.	Date of sampling	---	09/08/2020
02.	Time of sampling	Hr	10.20
03.	**Stack Attched to**	---	**AFBC Boiler of Power Plant**
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	90
06.	Stack Diameter	Meter	3.8
07.	Ambient Temperature	Degree Centi.	31
08.	Stack Temperature	Degree Centi.	121
09.	Average Velocity of Flue Gases	M/Sec.	7.8
10.	Isokinetic flow rate for P.M. Sampling	LPM	17
11.	Gaseous Sampling Flow Rate	LPM	2.0
12.	**Permissible Limit for P.M.**	**mg/Nm^3**	**50**
13.	Measured Concentration of P.M.	mg/Nm^3	42.7
14.	**Permissible Limit for SO_2**	**mg/Nm^3**	**600**
15.	Measured Concentration of SO_2	mg/Nm^3	91.5
16.	**Permissible Limit for NOx**	**mg/Nm^3**	**300**
17.	Measured Concentration of NOx	mg/Nm^3	86.4

*Permissible limit are as per MoEF&CC Notification S.O.3305(E),dated 07/12/2015.
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

GALLANTT METAL LIMITED Gandhidham

Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 628/08/2020-21

Date : 20/08/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 3	Stack - 4
1	Date of sampling	---	09/08/2020	09/08/2020
2	Time of sampling	Hr	11.30	12.20
3	**Stack Attached to**	---	**Rotary Kiln - 1, 2**	**Rotary Kiln - 3**
4	Air Pollution Control Measures	---	Recoupertur & ESP	Recoupertur & ESP
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	35	35
7	Stack Temperature	Degree Centi.	121	135
8	Ambient Temperature	Degree Centi.	32	32
9	Average Velocity of Flue Gases	M/Sec.	7.1	7.5
10	Isokinetic flow rate for P.M. Sampling	LPM	17	18
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	**Permissible Limit for P.M.**	**mg/Nm3**	**100**	**100**
13	Measured Concentration of P.M.	mg/Nm3	58.6	72.5
14	**Permissible Limit for SO2**	**ppm**	**100**	**100**
15	Measured Concentration of SO2	ppm	76.5	74.6
16	**Permissible Limit for Nox**	**ppm**	**50**	**50**
17	Measured Concentration of Nox	ppm	27.6	28.1
18.	**Permissible Limit for CO***	**% (V/V)**	**1.0%**	**1.0%**
19.	Measured Concentration of CO*	% (V/V)	0.5	0.6

*Permissible limit are as per MoEF&CC Notification G.S.R.414(E),dated 30/05/2008.
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

GALLANTT METAL LIMITED Gandhidham

Jagdish

Royal Environment Auditing & Consultancy Service

Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 629/08/2020-21

Date : 20/08/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 5	Stack - 6
1	Date of sampling	---	09/08/2020	09/08/2020
2	Time of sampling	Hr	14.20	15.40
3	**Stack Attached to**	---	**Induction Furnace - 1 & 4**	**Induction Furnace - 2 & 3**
4	Air Pollution Control Measures	---	Cyclone Separator & Wet Srubber	Cyclone Separator & Wet Srubber
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	48	30
7	Stack Temperature	Degree Centi.	130	134
8	Ambient Temperature	Degree Centi.	34	34
9	Average Velocity of Flue Gases	M/Sec.	7.5	7.1
10	Isokinetic flow rate for P.M. Sampling	LPM	20	19
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	**Permissible Limit for P.M.**	**mg/Nm3**	**50**	**50**
13	Measured Concentration of P.M.	mg/Nm3	33.5	35.7
14	**Permissible Limit for SO2**	**ppm**	**100**	**100**
15	Measured Concentration of SO2	ppm	31.8	33.6
16	**Permissible Limit for Nox**	**ppm**	**50**	**50**
17	Measured Concentration of Nox	ppm	29.8	26.2

*Permissible limit not specified in EC copy as well as in GPCB CC&A
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. : 15/10/2019

Rajkot

GALLANTT METAL LIMITED Gandhidham

Jagdish

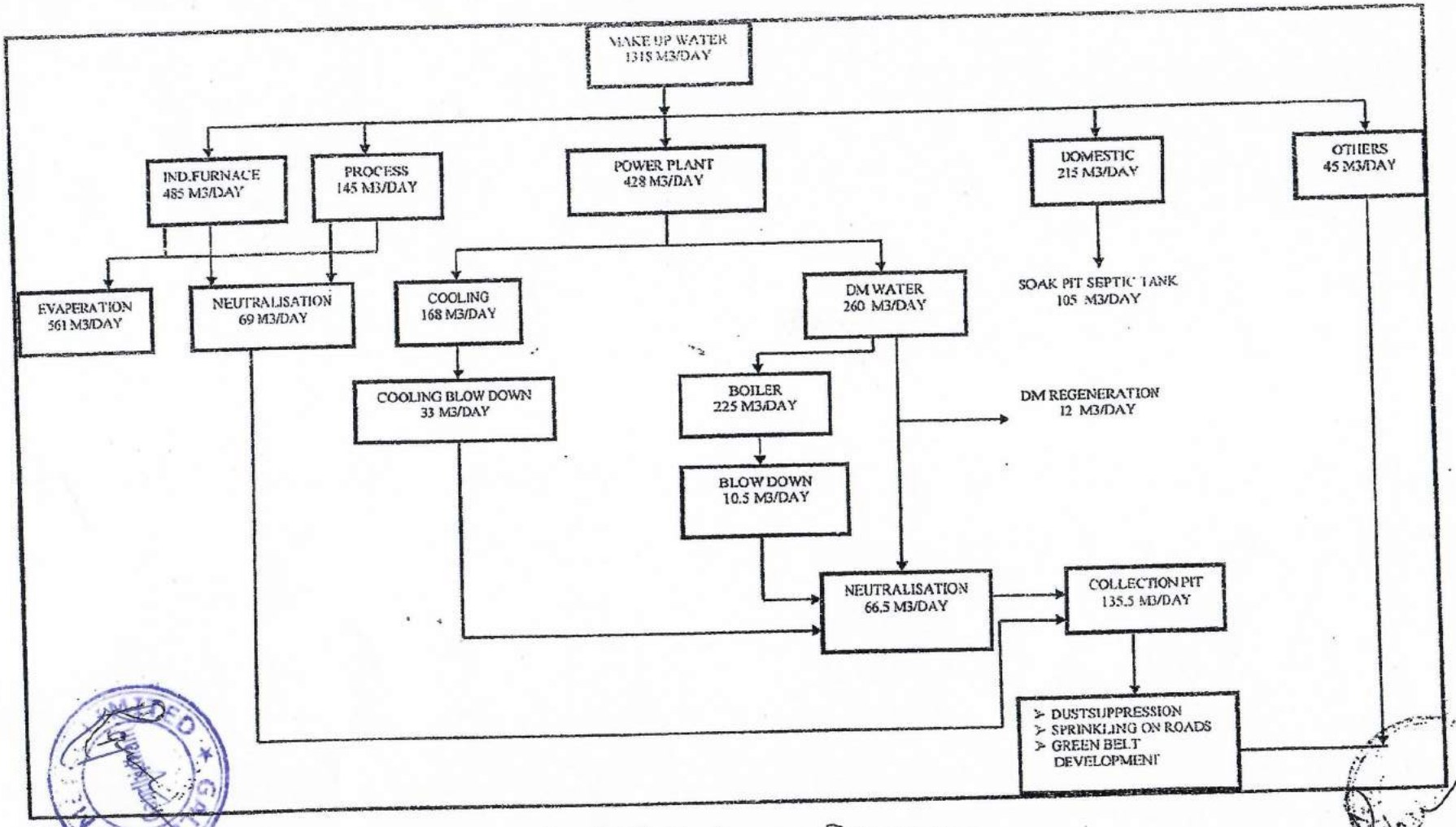
Royal Environment Auditing & Consultancy Service

Analyst

ANNEXURE A2

WATER BALANCE DIAGRAM

ANNEXURE-A2



Water Balance Diagram

ANNEXURE A3

REPORT OF TREATED EFFLUENT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat. Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 937/01/2020-21

Date : 28/07/2020

WASTE WATER SAMPLE ANALYSIS REPORT

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Date of sampling :16/07/2020
Source of Sample: Waste Water Treatment Plant (ETP Plant)

Sr. No.	Parameters	Unit	GPCB Limits *	Waste Water (ETP Inlet)	Treated Water (ETP Outlet)
1	pH	pH Unit	6.5 to 8.5	7.38	7.63
2	Colour	Pt.co scale	100 Units	29	12
3	Temp.	°C	40	38	35
4	Suspended Solids	Mg/Lit	100	70	20
5	Total Dissolved Solids	Mg/Lit	---	875	474
6	Total Solids	Mg/Lit	---	945	494
7	Oil & Grease	Mg/Lit	10	4.2	0.61
8	Sulphides	Mg/Lit	2	2.3	0.47
9	Phosphate	Mg/Lit	5	5.7	1.1
10	BOD	Mg/Lit	30	78	16
11	COD	Mg/Lit	100	356	40
12	Total Chromium (as Cr)	Mg/Lit	0.2	0.81	N.D.
13	Hexavelent Cr	Mg/Lit	0.1	0.92	N.D.
14	Copper	Mg/Lit	1.0	0.71	0.44
15	Total Iron (as Fe)	Mg/Lit	1.0	4.3	0.51
16	Zinc (as Zn)	Mg/Lit	1.0	0.7	NIL

* GPCB Limits are only applicable to treated waste water (ETP Outlet)

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

ANNEXURE A4

NOISE MONITORING ANALYSIS REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 934/07/2020-21 Date : 28/07/2020

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
	Date of sampling	7/16/2020	7/16/2020
	Time of sampling	**Day Time 6.00 AM - 10.00 PM**	**Night Time 10.00 PM - 6.00 AM**
	Permissible Limits	**75.0**	**70.0**
01.	Near Main Gate	56.7	53.2
02.	Rolling Mill Area	65.7	55.7
03.	Induction Furnace	67.3	62.4
04.	Reheating Furnace	69.8	62.8
05.	Rotary Kiln	66.2	63.7
06.	Power Plant	64.7	65.8

Instruments used : Sound level meter, Model SL - 4030 (Lutron Make)
Range : A - 30 to 80 dB, B-50 to 100 dB,C-80 to 130 dB.
Calibration done on : 1) 13/09/2019

GALLANTT METAL LIMITED Sandhidham

Jagdish

Royal Environment Auditing & Consultancy Service

Analyst

ANNEXURE A5

COPY OF MEMORANDUM OF UNDERSTANDING

GALLANTT

Memorandum of Understanding

This MOU has been signed between **Gallantt Metal Ltd.**Survey Nio 175/1, Village Samakhiyali Taluka .Bhachau District Kutch Gujarat (Seller) and **Saurastra Enviro Projects Pvt Ltd.** R.S. No 415,417,418 Village Juna Kataria Taluka Bhachau District Kutch Gujarat (Buyer) on 01-04-2018 under following terms & conditions:

1) That the seller will supply Fly Ash which is generated in his Captive Power Plant to the buyer on a continuous basis during the whole year.

2) That the buyer agrees to pay Rs.25/- per MT to the seller for quantity supplied to him during the year.

3) The MOU will remain valid from 01-04-2020 To 31-03-2021

4) Duties and Taxes shall be extra on above price.

5) Transportation shall be arranged by the buyer at his cost.

6) The buyer will use the fly ash for for utlisation of fly ash as binding Material for solidification and stabilisation not for the disposal purpose.

7) The buyer shall pay to seller, the amount duly billed by account payee cheque.

8) The MOU will be renewed before its expiry

We, hereby, agree with the above terms and conditions.

For Gallantt Metal Ltd.

For Saurastra Enviro Projects Pvt Ltd.

GALLANTT METAL LIMITED
REGD. OFFICE : SURVEY No. 175/1, VILLAGE - SAMAKHIYALI, TALUKA - BHACHAU, KUTCH - GUJARAT-370150. FAX : (+91 2837) 233555, 233557
REGISTERED OFFICE : 1, CROOKED LANE, 2ND FLOOR, ROOM NO. 222 & 223, KOLKATA - 700 069. TEL. (+91 33) 40642189
CORP. OFFICE : WARD 12BC, PLOT NO. 123, GROUND FLOOR, GANDHIDHAM, KUTCH, GUJARAT - 370 201. TEL. : (+91 2836) - 228104 FAX : 230787
CIN : L27109WB2005PLC101553
e-mail :gml@gallantt.com Web. : www.gallantt.com

ANNEXURE A6

AMBIENT AIR QUALITY REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat. Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 932/07/2020-21

Date : 28/07/2020

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutch, Gujarat.

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2
01.	**Location of Sampling**	---	**Officer Colony**	**Main Security Gate**
02.	Date of sampling	---	7/16/2020	7/16/2020
03.	Time of sampling	Hr	8.15	8.30
04.	Duration of Sampling	Min.	1440	1440
05.	Average Wind Speed	Km/Hr	3 to 14	3 to 14
06.	Average flow rate during sampling	m^3/Hr	1.2	1.1
07.	Average flow rate for Gas sampling	LPM	0.2	0.2
08.	**Permissible Limits of PM 2.5**	**$\mu g/m^3$**	**60**	**60**
09.	Measured Concentration of PM 2.5	$\mu g/m^3$	32	38
10.	**Permissible Limits of PM 10**	**$\mu g/m^3$**	**100**	**100**
11.	Measured Concentration of PM 10	$\mu g/m^3$	60	63
14.	**Permissible Limits of SO_2**	**$\mu g/m^3$**	**80**	**80**
15.	Measured Concentration of SO_2	$\mu g/m^3$	10.5	11.7
16.	**Permissible Limits of NO_2**	**$\mu g/m^3$**	**80**	**80**
17.	Measured Concentration of NO_2	$\mu g/m^3$	18.7	20.3

Instrument used 1) Ecotech make (RDS), Model No APM - 217 BI , Gaseous Sampling Kit No AAS 190, 2) Ecotech make 2 Nos PM 2.5

Calibration done on 1) 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 933/07/2020-21

Date : 28/07/2020

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sr. No.	Particulars	Unit	Location No. 3	Location No. 4
01.	**Location of Sampling**	---	**B/h. Kiln 1 & 2**	**Nr. Furnace Area**
02.	Date of sampling	---	7/17/2020	7/17/2020
03.	Time of sampling	Hr	8.40	8.55
04.	Duration of Sampling	Min.	1440	1440
05.	Average Wind Speed	Km/Hr	2 to 18	3 to 18
06.	Average flow rate during sampling	m^3/Hr	1.2	1.1
07.	Average flow rate for Gas sampling	LPM	0.2	0.2
08.	**Permissible Limits of PM 2.5**	**$\mu g/m^3$**	**60**	**60**
09.	Measured Concentration of PM 2.5	$\mu g/m^3$	35	30
10.	**Permissible Limits of PM 10**	**$\mu g/m^3$**	**100**	**100**
11.	Measured Concentration of PM 10	$\mu g/m^3$	58	48
14.	**Permissible Limits of SO_2**	**$\mu g/m^3$**	**80**	**80**
15.	Measured Concentration of SO_2	$\mu g/m^3$	12.7	10.3
16.	**Permissible Limits of NO_2**	**$\mu g/m^3$**	**80**	**80**
17.	Measured Concentration of NO_2	$\mu g/m^3$	15.3	16.1

Instrument used : 1) Ecotech make (RDS), Model No. APM - 217 BL, Gaseous Sampling Kit No AAS 190. 2) Ecotech make 2 Nos PM 2.5
Calibration done on : 1) 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

ANNEXURE A7

NEWS PAPER CLIPPING COPY

ANNEXURE C-3

PUBLIC NOTICE

Environmental. Clearance of proposed Coal based Captive Power Plant

The main object of this advertisement is to inform the public that the ministry of Environrment & Forests. Government of India has accorded Environment Clearance for our proposed Coal based Captive Power Plant for the 12 MW Coal based Power Plant at Survey No. .175/1, Vill1. Samakhiyali, Ta. Bhachau, Dist, Kutch. This Environmental Clearance has been given vide letter No, j-13011/37/2007-IA.II (T) dated 28th September, 2007 and copy of clearance letter is available with the Gujarat Pollution Control Board, Gandhinagar and also at web site of the Ministry of Environment & Forests at http://envfor.nic.in

Gallantt Metal Ltd, 175/1, Vill. Samakhiyali, Ta, Bhachau, Kutch (Gujarat)

GALLANTT METAL LIMITED SAMAKHIYALI

GALLANTT METAL LIMITED Gandhidham

ANNEXURE C-4

પબ્લિક નોટિસ

કોલસા આધારિત કેપ્ટીવ પાવર પ્લાન્ટનું પર્યાવરણીય ક્લિયરન્સ

આથી જાણ કરવામાં આવે છે કે ભારત સરકારના પર્યાવરણ અને વન મંત્રાલય, નવી દિલ્હી તરફથી પ્રસ્તાવિત કોલસા આધારિત કેપ્ટીવ પાવર પ્લાન્ટ જે સર્વે નં. ૧૭૫/૧, ગામઃ સામખિયાળી, તા. ભચાઉ, જી. કચ્છ ખેલ છે. તેને તારીખ ૨૮ સપ્ટેમ્બર, ૨૦૦૭ના પત્ર નં. J-૧૩૦૧૧/૩૭.૨૦૦૭-IA. II (T) દ્વારા પર્યાવરણીય ક્લિયરન્સ આપેલ છે. જે પત્રની નકલ ગુજરાત પ્રદૂષણ નિયંત્રણ બોર્ડ, ગાંધીનગર તેમજ પર્યાવરણ અને વન મંત્રાલયની વેબ સાઇટ http://envfor.nic.in પર જોઇ શકાશે.

ગેલન્ટ મેટલ લિમિટેડ

૧૭૫/૧, ગામઃ સામખિયાળી, તા. ભચાઉ, જી. કચ્છ (ગુજરાત)

GALLANTT METAL LIMITED Gandhidham

ANNEXURE A8

COPY OF SPEED POST COURIER DETAIL

GANDHIDHAM (370201)
SP EG733152351IN
Counter No:2,OP-Code:03
To:MINISTRY OF ENVIR.FOREST WESTERN REG
Bhopal, PIN:462
From:GALLANTT METAL LTD , GANDHIVALI
Wt:1256grams,
[redacted]
Taxes:Rs.18.00(Have a nice day))

भारतीय डाक
INDIA POST

GALLANTT METAL LIMITED
Gandhidham

GANDHIDHAM (370201)
SP EG703531829 1IN
Counter No:2,Op-Code:JKR
To:DR A MEHROTRA,HIMI OF EMV
BHOPAL, PIN:462
From:GALLANT METAL LTD , SAMAKHIAL
Wt:1grams,
Amt:34.00 , 30/04/2010 , 09:48
Taken:88.4.00((Track on www.indiapost.gov.in))

GALLANT METAL LIMITED ★ Gandhidham

SP GANDHIDHAM (370201)
EG853463599IN
Counter No:2,OP-Code:KLC
To:THE DIRE,WESTERN REGION
RAVI SHANKAR NAGAR, PIN:462016
From:GALLANT METAL , GDM
Wt:2265grams,
Amt:202.00 , 17/09/2014 , 10:31
Taxes:Rs.22.00<<Track on www.indiapost.gov.in

India Post

GALLANTT METAL LIMITED
Gandhidham

SP GANDHIDHAM <370201>
EG937018962IN
Counter No:1,OP-Code:JRR
To:DR H V C CHARY BUNTU,PILI
RAVI SHANKAR NAGAR, PIN:462016
From:GALLANTT METAL , SAMANHIYALI
Wt:135grams,
Amt:139.00 ,20/03/2017 ,15:03
Taxes:Rs.19.00<<Track on www.indiapost.gov.in>>

India Post

GALLANTT METAL LIMITED
Gandhidham

ANNEXURE A9

COMPLIANCE OF EMISSION STANDARDS FOR SPONGE IRON ISSUED BY MINISTRY,2008

ANNEXURE A9

Compliance report of guidelines published by CPCB for sponge iron plant.

<table>
<tr><th>1.0</th><th>STACK EMISSION STANDARDS</th><th>COMPLIANCE STATUS</th></tr>
<tr><td>i.</td><td>Stack Emission Standards for Kiln (Particulate Matter) Should be 100 mg/Nm3 (Coal based)</td><td>• Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
• Copy of reports are attached as Annexure A1.
<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (mg/Nm³)</th><th>OBSERVED VALUE (MIN) (mg/Nm³)</th><th>OBSERVED VALUE (MAX) (mg/Nm³)</th></tr>
<tr><td>PM</td><td>300</td><td>53.6</td><td>62.7</td></tr>
</table></td></tr>
<tr><td>ii.</td><td>Carbon Mono oxide (CO) (v/v) Not to exceed 1% (Max.), volume/volume</td><td>• Environmental parameters are continuously monitored by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility and the parameters are within the prescribed standard.
• Copy of Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is attached as Annexure A10.
<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD (%V/V)</th><th>OBSERVED VALUE (MIN) (%V/V)</th><th>OBSERVED VALUE (MAX) (%V/V)</th></tr>
<tr><td>CO</td><td>1.0%</td><td>0.3</td><td>0.4</td></tr>
</table></td></tr>
<tr><td>iii.</td><td>The kiln off gas stack height should be calculated for proper dispersion of SO2 (with the formula of $H=14Q^{0.3}$ Where Q=emission of SO2 in Kg/h) as per emission regulations Part III of</td><td>• Height of 35 mtr is being maintained as required against 30 mtr.
• Data of gaseous emission monitored comparing with the standards notified as per G.S.R.414(E) dated 30th May,2008 is given in Table below.</td></tr>
</table>

<table>
<tr>
<td></td>
<td>CPCB. Sulphur percentage shall be the percentage of sulphur in coal. Permissible SO2 emission level with reference to stack height is given below:
<table>
<tr><th>Sr.No</th><th>Q (emission of SO2 in kg/hr)</th><th>H (m)</th></tr>
<tr><td>1.</td><td>12.68</td><td>30</td></tr>
<tr><td>2.</td><td>12.69-33.08</td><td>40</td></tr>
<tr><td>3.</td><td>33.09-69.60</td><td>50</td></tr>
<tr><td>4.</td><td>69.61-127.80</td><td>60</td></tr>
<tr><td>5.</td><td>127.81-213.63</td><td>70</td></tr>
</table>
SO2 level need to be maintained using adequate control technology as per the stack height provided by the industry.</td>
<td>
<table>
<tr><th>PARAMETERS</th><th>EMISSION STANDARD</th><th>OBSERVED VALUE (MAX)</th></tr>
<tr><td>PARTICULATE MATTER</td><td>100 MG/NM3</td><td>72.4 MG/NM3</td></tr>
<tr><td>CARBON MONO OXIDE</td><td>1% (VOL/VOL)</td><td>0.30% (VOL/VOL)</td></tr>
<tr><td>STACK HEIGHT</td><td>30 MTR</td><td>35 MTR</td></tr>
</table>
</td>
</tr>
<tr>
<td>2.0</td>
<td>STACK EMISSION STANDARDS FROM DE- DUSTING UNITS
Particulate matter : 100 mg/ Nm3
(i)All de-dusting units should be connected to a stack having a minimum stack height of 30m. In case installation of 30 m height of stack is technically or otherwise not feasible for specific case, the stack height can be reduced but accordingly stringent Particulate Matter emission level required to be achieved by the industry using Particulate Matter dispersion formulae/ model so that ground level concentration of Particulate Matter should not increase beyond the incremental level as it would have been with stack height of 30 m.

(ii) Sampling porthole and platform etc. shall be provided as per CPCB emission regulation to facilitate stack monitoring.</td>
<td>• All dedusting units are connected with adequate stack height as per the norms and sampling porthole and platforms etc are provided as per CPCB emission regulation to facilitate stack monitoring.
• Requirements is being maintained as per norms.</td>
</tr>
</table>

3.0 FUGITIVE EMISSION STANDARDS

The fugitive emission of suspended particulate matter (SPM) should not exceed 2000µg/m³ at a distance of 10 m (approx.)from the areas / sources, identified and mentioned below in table 1, where fugitive dust emissions are anticipated. However, the existing industry is allowed up to 3000 µg/m³ of fugitive emission level of suspended particulate matter (SPM) till one year from the date of issue of the notification.

Sr. No	Area	Monitoring Location
1.	Raw material handling area	Wagon tippler, Screen area, Transfer Points, Stock Bin area
2.	Crusher area	Crushing plant, vibrating screen, transfer points
3.	Raw material feed area	Feeder area, Mixing area, transfer points
4.	Cooler discharge area	Over size discharge area, Transfer Points
5.	Product processing area	Intermediate stock bin area. Screening plant, Magnetic Separation unit, Transfer Points, Over size discharge area, Product separation area, Bagging area
6.	Other areas	Areas as specified by State Pollution Control Board

- Fugitive emission results as per monitoring conducted by Royal Environment Auditing & Consultancy Service, Gujarat Pollution Control Board (GPCB) approved Schedule II Auditor having NABL accredited laboratory facility is within the norms.
- Fugitive emission results as per monitoring report at 19 different locations as per G.S.R.414(E) dated 30th May,2008 is given in table below and copy of the same is attached as **Annexure A11**.

LOCATION	EMISSION STANDARD (µg/m³)	OBSERVED VALUE (MIN) (µg/m³)	OBSERVED VALUE (MAX) (µg/m³)
Nr.Vagon Trippler	2000	1725	1745
Nr.screen area	2000	1520	1535
Nr.Transfer point	2000	1425	1455
Nr.stock Bin area	2000	1625	1670
Nr.Crusser area	2000	1490	1535
Nr.Vibrating screen	2000	1420	1435
Nr.Transfer point	2000	1425	1448
Nr.Feeder area	2000	1530	1570
Nr.mixing Feeder area	2000	1420	1463
Nr.Transfer Point	2000	1435	1465
Nr.Wagon tippler	2000	1225	1247
Nr.screen area	2000	1435	1475
Nr.Intermediate stock bin area	2000	1725	1743
Nr.Screening plant	2000	1830	1838
Nr.Magnetic separting plant	2000	1525	1555
Nr.Transfer plant	2000	1425	1435

GALLANTT METAL LIMITED * Gandhidham

Nr.Oversize discharge area	2000	1635	1685
Nr.Product separtion	2000	1525	1576
Bagging area	2000	1460	1530

4.0 EFFLUENT DISCHARGE STANDARDS

i. All efforts should be made to reuse and recirculate the water and to maintain zero effluent discharge.

ii. Storm water/ garland drain should be provided in plant.

iii. In case of maintainance/ cleaning of the system the settling tanks effluent of wet scrubbing system or re - circulation system if require to be discharged, should be treated suitably to conform to the following standards:
Ph – 5.5 to 9.0
TSS <= 100 mg/l
COD <= 250 mg/l
Oil and grease <= 10 mg/ l

- The effluent water generated from the utility area in plant is treated in effluent treatment plant and reused within the plant premises for dust suppression and gardening purpose.
- There is no discharge outside the plant premises via drains except during monsoon for storm water.
- Domestic waste water is being treated in Sewage treatment plant and reused for gardening and plantation purpose.
- Results of the treated effluent is given in table below and copy of the report is attached as **Annexure A3.**

TREATED EFFLUENT RESULTS

Parameter	Prescribed norms (mg/L)	Effluent Quality-Min. (mg/L)	Effluent Quality-Max. (mg/L)
PH	6.5 TO 8.5	7.75	7.77
Suspended solids	100	12	13
Oil& Grease	10	0.48	0.5
Copper	1	0.52	0.55
Iron as Fe	1	0.45	0.48
Phosphate	5	1.7	1.8
Total Chromium	0.2	TRACE	TRACE

SALVANT METAL LIMITED Sandhanam

		Zinc as Zn	1	TRACE	TRACE
		BOD 3 days @°C	30	12	13
		COD	100	42	45
		Hexavelent Cr	0.1	TRACE	TRACE

CALLANTT METAL LIMITED * Gandhidham

ANNEXURE A10

COPY OF CO REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 528/07/2020-21

Date : 28/07/2020

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**
Survey No. 175/1, Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 3	Stack - 4
1	Date of sampling	---	14/07/2020	14/07/2020
2	Time of sampling	Hr	11.40	12.30
3	**Stack Attached to**	---	**Rotary Kiln - 1, 2**	**Rotary Kiln - 3**
4	Air Pollution Control Measures	---	Recoupertur & ESP	Recoupertur & ESP
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	35	35
7	Stack Temperature	Degree Centi.	125	138
8	Ambient Temperature	Degree Centi.	33	33
9	Average Velocity of Flue Gases	M/Sec.	7.5	7.8
10	Isokinetic flow rate for P.M. Sampling	LPM	18	17
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	**Permissible Limit for P.M.**	**mg/Nm3**	**100**	**100**
13	Measured Concentration of P.M.	mg/Nm3	60.8	73.6
14	**Permissible Limit for SO2**	**ppm**	**100**	**100**
15	Measured Concentration of SO2	ppm	77.2	76.3
16	**Permissible Limit for Nox**	**ppm**	**50**	**50**
17	Measured Concentration of Nox	ppm	28.7	29.2
18.	**Permissible Limit for CO***	**% (V/V)**	**1.0%**	**1.0%**
19.	Measured Concentration of CO*	% (V/V)	0.6	0.7

*Permissible limit are as per MoEF&CC Notification G.S R 414(E),dated 30/05/2008.
Instruments used : Ecotech Stack Sampler, Model No. ESS 100
Calibration Done On. 15/10/2019

GALLANTT METAL LIMITED Gandhidham

Jagdish

Analyst

Royal Environment Auditing & Consultancy Service

ANNEXURE A11

COPY OF FUGITIVE EMISSION REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 926/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Near raw material handling area

Sr. No.	Particulars	Unit	Location # 1	Location # 2	Location # 3	Location # 4
01.	**Location of Sampling**	---	**Nr. Vagon Trippler**	**Nr. Sreen Area**	**Nr. Transfer Point**	**Nr. Stock Bin area**
02.	Date of sampling	---	7/14/2020	7/14/2020	7/14/2020	7/14/2020
03.	Time of sampling	Hr	8.15	8.30	8.35	8.45
04.	Dominant Wind Direction (From)	---	SW to NW	SW to NW	SW to NW	SW to NW
05.	Average Wind Speed	Km/Hr	2 to 18	2 to 18	2 to 18	2 to 18
06.	Average flow rate during sampling	m^3/minute	1.11	1.10	1.21	1.14
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1812	1754	1569	1741

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 927/07/2020-2T

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Crusser area

Sr.No.	Particulars	Unit	Location # 5	Location # 6	Location # 7
01.	**Location of Sampling**	---	**Nr. Crusser area**	**Nr. Vibrating sreen**	**Nr. Transfer point**
02.	Date of sampling	---	7/15/2020	7/16/2020	7/16/2020
03.	Time of sampling	Hr	9.05	16.10	16.30
04	Dominant Wind Direction (From)	---	SE	SE	SE
05.	Average Wind Speed	Km/Hr	3 to 16	3 to 12	2 to 16
06.	Average flow rate during sampling	m^3/minute	1.13	1.11	1.10
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08	Measured Concentration of SPM	$\mu g/m^3$	1571	1523	1562

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 928/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Raw material feeder area

Sr. No.	Particulars	Unit	Location # 8	Location # 9	Location # 10
01.	**Location of Sampling**	---	**Nr. Feeder area**	**Nr. mixing Feeder area**	**Nr. Transfer point**
02.	Date of sampling	---	7/16/2020	7/16/2020	7/16/2020
03.	Time of sampling	Hr	16.30	17.20	17.30
04.	Dominant Wind Direction (From)	---	SW to NW	SW to NW	SW to NW
05.	Average Wind Speed	Km/Hr	3 to 16	2 to 14	3 to 14
06.	Average flow rate during sampling	m^3/minute	1.10	1.21	1.10
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1285	1670	1610

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Jagdish

Royal Environment Auditing & Consultancy Service

Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 930/07/2020-21

Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Product Processing area

Sr. No.	Particulars	Unit	Location # 13	Location # 14	Location # 15	Location # 16
01.	**Location of Sampling**	---	**Nr. Intermediate stock bin area**	**Nr. Screening plant**	**Nr. Magnetic saprating plant**	**Nr. Transfer plant**
02.	Date of sampling	---	7/17/2020	7/17/2020	7/17/2020	7/17/2020
03.	Time of sampling	Hr	8.30	8.40	9.00	16.00
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	4 to 16	4 to 16	4 to 16	4 to 16
06.	Average flow rate during sampling	m^3/minute	1.11	1.13	1.21	1.20
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1421	1628	1765	1375

Instruments Used Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on 1) 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Royal Environment Auditing & Consultancy Service

Jagdish
Analyst

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

Ref. No. : 931/07/2020-21 Date : 28/07/2020

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Product Processing area

Sr. No.	Particulars	Unit	Location # 17	Location # 18	Location # 19
01.	**Location of Sampling**	---	**Nr. Oversize discharge area**	**Nr. Product separation**	**Bagging area**
02.	Date of sampling	---	7/17/2020	7/17/2020	7/17/2020
03.	Time of sampling	Hr	16.15	16.35	16.50
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	4 to 16	4 to 16	4 to 16
06.	Average flow rate during sampling	m^3/minute	1.13	1.15	1.11
07.	**Permisible limit for SPM**	$\mu g/m^3$	**2000**	**2000**	**2000**
08.	Measured Concentration of SPM	$\mu g/m^3$	1485	1485	1420

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 1) 06/05/2019

GALLANTT METAL LIMITED Gandhidham

Jagdish

Royal Environment Auditing & Consultancy Service

Analyst

ANNEXURE A12

COPY OF LATEST GROUND WATER REPORT

Royal
Environment Auditing & Consultancy Service
303-304, Shivalik-7, B/s Bal Adalat, Gondal Road, RAJKOT - 360 002.
Ph. +91 281 2360695 Email : royalenvironment@live.com admin@royalconsultancy.com

TEST REPORT OF WATER

Test Report No 938/07/2020-21

Date 28/07/2020

Job Card No Gallant/20-21/048

Work Order No : ---

Name of company : Gallantt Metal Limited
Survey No 175/1, Near toll gate,
Village : Samakhyali
Taluka : Bhachau
Kutchh

Attention : Mr. Manoj Rastogi

Date of Sample Receipt 17/07/2020

Lab ID : W/20-21/01/023

Sample Type : Water

Type of Sampling : Grab

Description : Ground Water

Sampling Method : IS 3025 : Part 1

Date & Time of Sampling 16/07/2020 ,12 00

Date of Testing : 17th to 22nd July 2020

Description of Sample Packing : Plastic Bottle

Quantity of Sample : 1 0 Ltr

Sample Collected by : Royal Environment

Location of Sample : Ground Water - Nr. Solid Waste Storage Area

	Parameter					
01.	Color	Hazen Units	5	15	Colorless	IS 3025 : Part 44
02	Odour		Agreeable	Agreeable	Odourless	IS 3025 : Part 5
03	pH Value	--	6.5 8.5	No relaxation	7 48	IS 3025 : Part 11
04	Turbidity	NTU	1	5	4	IS 3025 : Part 10
05	Total Dissolved Solids	mg/l	500	2000	926	IS 3025 : Part 16
06	Total Suspended Solids	mg/l	--	--	25	IS 3025 : Part 17
07	Total hardness (as CaCO3)	mg/l	200	600	513	IS 3025 , Part 21
08.	Calcium (as Ca)	mg/l	75	200	121	IS 3025 : Part 40
09	Magnesium (as Mg)	mg/l	30	100	54	IS 3025 Part 46
10	Chloride (as Cl)	mg/l	250	1000	257	IS 3025 Part 32
11	Sulphate (as SO4)	mg/l	200	400	341	IS 3025 Part 24
12	Total alkalinity as (as CaCO3)	mg/l	200	600	245	IS 3025 Part 23
13	Nitrate (as NO3)	mg/l	45	No relaxation	128	IS 3025 Part 34
14	Fluoride (as F)	mg/l	1	1.5	0.05	IS 3025 Part 60
15	Iron (as Fe)	mg/l	0.3	No relaxation	0.2	IS 3025 Part 53
16	Mineral oil	mg/l	0.5	No relaxation	N.D	IS 3025 Part 39
17	Phenolic compounds (as C6H5OH)	mg/l	0.001	0.002	N.D	IS 3025 Part 43
18	Total arsenic (as As)	mg/l	0.05	0.05	Nil	IS 3025 Part 37
19	E Coli		Absent	Absent	Absent	APHA
20	Total Coliform Bacteria		Absent	Absent	Absent	APHA

** This water can't be used as drinking water

Analyst

Authorized Signatory

* End of Report *

1 This test report shall not be reproduced except in full, without written approval from the Royal Environment Auditing & Consultancy Service
2 The results relate only to the item tested

ANNEXURE A13

INVOICE OF USED OIL

GALLANTT METAL LIMITED

Survey No 175/1, Village - Samakhiyali
Taluka : Bhachau, Kutch,
SAMAKHIYALI - 370150
Phone : (02837) 283557
Email : gml@gallantt.com

GALLANTT

TAX INVOICE

EXTRA COPY

Nature Of Transaction : SEZ / SEZ Developer

G.S.T.I.N. : 24AACCG2934J1ZQ
PAN : AACCG2934J
CIN : L27109DL2005PLC350524

Buyer
HINDUSTAN OILS INDUSTRIES
SHED NO. 282 A-I-TYPE,
SECTOR-III
KANDLA SEZ
KANDLA - 370230
State : GUJARAT Code : 24
GSTIN : 24AAHFH0327G1ZU
PAN : AAHFH0327G

Consignee
HINDUSTAN OILS INDUSTRIES
SHED NO. 282 A-I-TYPE,
SECTOR-III
KANDLA SEZ
KANDLA - 370230
State : GUJARAT Code : 24
GSTIN : 24AAHFH0327G1ZU

Invoice No.	: 01141	Date	: 01-06-2020
Place Of Supply	: KANDLA GUJARAT	Code	: 24
Place Of Dispatch	: SAMAKHIYALI GUJARAT	Code	: 24
Order No.	:	Date	:
Trasporter	: COMPANY VEHICLE	Vehicle No.	: GJ12BW4757
L.R. No.	:	Date	:
Inco Term	:		
IRN	:		

Sr. No.	Description	HSN/SAC Code	Qty.	Rate	Gross Amount	Disc. / Addition	Taxable Amount	IGST %	IGST Amount	CESS %	CESS Amount
1	USED OIL	27109900	126.00 LTR	5.00	630.00		630.00	18.00	113.40	0.00	0.00
	Total		126.000		630.00		630.00		113.40		

GROSS WEIGHT : 126.000
TARE WEIGHT :
NET WEIGHT : 126.000

Freight
To Pay

Elec. Way Bill No. : 661194811339
Elec. Way Bill Date: 01-06-2020

BASIC SALE AMOUNT	630.00
IGST (18%)	113.40
ROUNDING OFF	-0.40
Total	**743.00**

Rupees : Seven Hundred Forty Three Only

Remarks :

For, GALLANTT METAL LIMITED

Authorised Signatory

Prepared By (SANJAY SHARMA)

Checked By (SANJAY SHARMA)

BANK - STATE BANK OF INDIA, A/C. NO. 30015284131, IFSC - SBIN0004152, CAG BRANCH, AHMEDABAD
Registered Office : "GALLANTT HOUSE", I-7, Jangpura Extension, New Delhi - 110 014.
Correspondence Address : Ward 10 BC, Plot No. 123, Ground Floor, Gandhidham, Kutch, Gujarat - 370 201, Tel : (02836) 228164, Fax - 235787.

ANNEXURE A14

COPY OF AGREEMENT WITH VARIOUS AGENCIES

DETOX GROUP

Saurashtra Enviro Projects Pvt. Ltd.

Integrated Common Hazardous Waste Management Facility

Certificate

Certificate No : 1200000338

To Whomsoever it may concern

This is to certify that

GALLANTT METAL LIMITED

SURVEY NO.175/1,
NEAR TOLL GATE,
VILLAGE: SAMAKHIYALI,
TAL: BHACHAU,
KUTCH

is a valid member of

SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for Integrated Common Hazardous Waste Management Facility.

This membership is valid for a period of

5 Years

Date of issue : 25.01.2019

Date of expiration : 24.01.2024

Place of issue : Surat

For, Saurashtra Enviro Projects Pvt. Ltd.

Director

SUBJECT TO SURAT JURISDICTION

Corporate Office : Detox House, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, Surat - 395 002. (Guj.)
p. +91 261 2351248, 2346181 f. +91 261 2354068
e. info@sepplindia.com w. www.detoxgroup.in
CIN :- U51100GJ2006PTC047689

GALLANTT METAL LIMITED Gandhidham

GALLANTT

GML/Hind Oil/2018-19
Date: 01.04.2018

To,
Hindustan Oils Industries,
Plot No 282,
Sector No 3,
KSEZ, Kandla

Attn: Mr. Narendra
Sub: Work Order for Recycling of Used Oil from our company

Sir,

With reference to the matter subjected above and subsequent discussions with you, we are pleased to submit the work order to you for recycling disposal of the Used Oil generation from our plant on monthly basis.

Scope of Work

1. We will send the used oil on every month end
2. We will also provide all the other information as and when required
3. Recycling of the same will be done by you.
4. Certificate for the recycling will be provided by you on monthly basis as per the format prescribed by Gujarat Pollution Control Board.

Fees:

1. Recycling charges for the above will be Rs.10/ per liter, which will be paid with in 7-10 days on production of Invoice by account payee cheque payable at par.
2. Taxes and Levies: Service Tax or any other applicable tax will be Extra as applicable

Terms and Conditions

1. Certificate for the recycling will be provided by you with in 10 days of disposal.
2. Any other terms and conditions not specified shall be mutually agreed upon

Thanking You,

For Gallant Metal Limited,

(Dinesh R Agrawal)
Director

GALLANTT METAL LIMITED
WORKS : SURVEY No. 175/1, VILLAGE - SAMAKHIYALI, TALUKA - BHACHAU, KUTCH - GUJARAT-370[illegible]
REGISTERED OFFICE : 1, CROOKED LANE, 2ND FLOOR, ROOM NO. 222 & 223, KOLKATA - 700 069. TEL.: (+91 33) 4004210
OFFICE : WARD 10BC, PLOT NO. 123, GROUND FLOOR, GANDHIDHAM, KUTCH, GUJARAT - 370 201. TEL.: (+91 2836) - 2281[illegible]
CIN : L27109WB2005PLC101553
e-mail :gml@gallantt.com Web.: www.gallantt.com

ANNEXURE A15

COPY OF INWARD LETTER SUBMITTED TO MOEF

GALLANTT

Date: 14th September 2017

To,
The Director
Ministry of Environment & Forest
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No.: 03,
Ravi Shankar Nagar,
Bhopal - 452 016 (MP)

SUB: REQUEST FOR CERTIFIED COPY OF COMPLIANCE OF ENVIRONMENT CLEARANCE OF EXPANSION OF SPONGE IRON (1,75,500 TPA TO 2,25,000 TPA), STEEL BILLETS (1,78,200 TPA TO 3,36,600 TPA), TMT BARS (1,71,963 TPA TO 3,30,000 TPA) AND CAPTIVE POWER PLANT (17 MW TO 25 MW) LOCATED ATA VILL. SAMAKHAIYALI, DIST. KUTCH, GUJARAT BY M/S. GALLANTT METAL LIMTED.

REF: MINISTRY'S LETTER NO. J-11011/52/2013-IA-II (I) DATED: 19/05/2016

Dear Sir,

With reference to the Environmental Clearance obtained from MoEF vide letter NO.J-11011/52/2013-IA-II (I) dated: 19/05/2016 and above subject matter that, we are submitting half yearly compliance status regularly to MoEF, Bhopal. We are planning for expansion in existing unit and for that we required the Certified Compliance Report of Environmental Clearance.

We request you to please issue us Certified Compliance Report.

We hope that you will find it in order and do the needful.

Thanking You.

For M/s. GALLANTT METAL LTD.

AUTHORIZED SIGNATORY

15/9/2017
कार्यालय प्रविष्टि
पर्यावरण एवं वन मंत्रालय (केन्द्रीय)
Ministry of Environment & Forest (C)
क्षेत्रीय कार्यालय (पश्चिम क्षेत्र)
Regional Office (Western Region)
भोपाल / Bhopal

GALLANTT METAL LIMITED
WORKS : SURVEY No. 175/1, VILLAGE - SAMAKHIYALI TALUKA - BHACHAU KUTCH - GUJARAT-370130, INDIA
REGISTERED OFFICE : 1, CHOWRINGHEE LANE, 2ND FLOOR, ROOM NO. 222 & 223, KOLKATA - 700 069, TEL
OFFICE : WARD 10BC, PLOT NO. 123, GROUND FLOOR, GANDHIDHAM, KUTCH, GUJARAT - 370 201, TEL
CIN : L27109WB2006PLC101553
e-mail: gmk@gallantt.com Web : www.gallantt.com

GALLANTT METAL LIMITED Gandhidham

ANNEXURE A16

REPORT OF TOXIC ELEMENT ANALYSIS

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

Plot No. g7. Sector t/A
Gandhidham - 370201
{ CIN : U519@yyB1956PTC023037 }

T : 02836 226225
F : 02836 226225
E . gandhidtiam@mitrask.co.in

Certificate No.GDM/19-20/A-0128 Date: 20.06.2020

CERTIFICATE 0F ANALYSIS

We hereby certify that One sample describe as "FLY ASH" submitted to us by M/s. GALLANT METALS LTD - GANDHIDHAM, on 04.08.2019 has been analyzed with the following results.

Analysis Result:-

PARAMETERS	SAMPLE MARK	
	SAMPLE-01	SAMPLE-02
Vanadium(V)	0.040	0.0030
Chromium(Cr)	0.0042	0.0049
Barium (Ba)	0.09	0.07
Nickel (Ni)	0.0002	0.0001
Copper (Cu)	0.0020	0.0023
Zinc (Zn)	0.0038	0.0024
Arsenic (As)	0.0098	0.0093
Lead (Pb)	<0.0001	<0.0001
Molybdeum (Mo)	<0.0001	<0.0001
Mercury(Hg)	<0.0001	<0.0001
Cobalt(Co)	<0.0001	<0.0001

M/s. GALLANTT METALS LTD.,
GANDHIDHAM

Checked By :

M/s. Mitra S. K. Private Limited

thorized Signatory

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

Plot No. g7. Sector t/A
Gandhidham - 370201
{ CIN : U519@yyB1956PTC023037 }

T : 02836 226225
F :02836 226225
E . gandhidtiam@mitrask.co.in

Certificate No.GDM/19-20/A-0128

Date: 20.06.2020

CERTIFICATE 0F ANALYSIS

We hereby certify that One sample describe as "SLAG" submitted to us by M/s. GALLANT METALS LTD - GANDHIDHAM, on 04.08.2019 has been analyzed with the following results.

Analysis Result:-

PARAMETERS	SLAG
Vanadium(V)	0.028%
Chromium(Cr)	0.18%
Barium (Ba)	0.75%
Nickel (Ni)	0.0006%
Copper (Cu)	0.0040%
Zinc (Zn)	0.0048%
Arsenic (As)	Less than 25 µg/kg
Lead (Pb)	0.0002%
Molybdeum (Mo)	0.0012%
Mercury(Hg)	Less than 9 µg/kg
Cobalt(Co)	0.0006%

GALLANTT METALS LTD. Gandhidham

M/s. GALLANTT METALS LTD.,
GANDHIDHAM

Checked By :

M/s. Mitra S. K. Private Limited

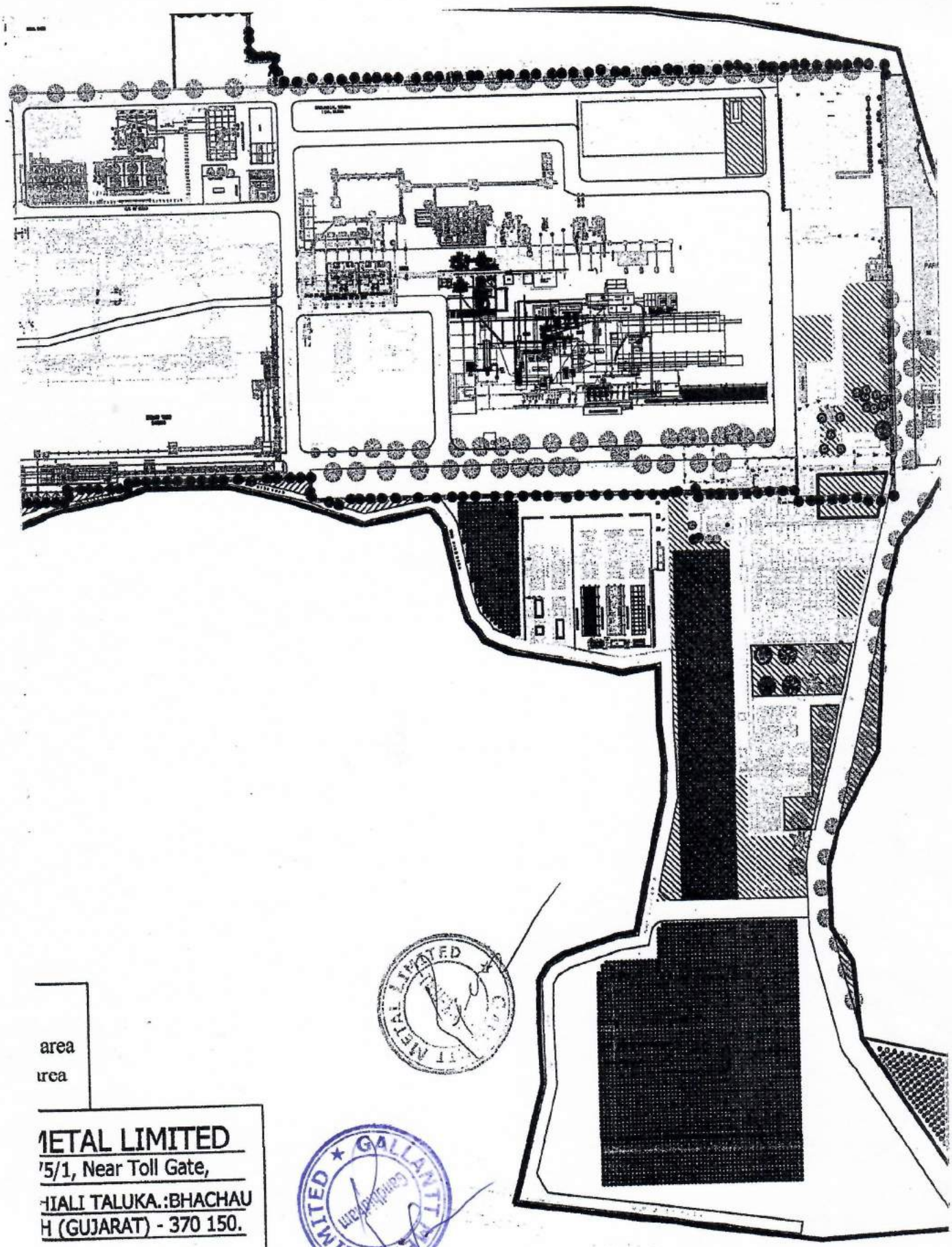
MITRA S. K. PVT. LTD. GANDHIDHAM

thorized Signatory

H.O.: Shrachi Centre (Eth Floor) 749, Anhonra Jagadish Bose Road, Calcutta

ANNEXURE A17

LAYOUT OF GREEN BELT



area
rea

METAL LIMITED
75/1, Near Toll Gate,
HIALI TALUKA.:BHACHAU
H (GUJARAT) - 370 150.

CAPE PLAN

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

ANNEXURE A18

COMPLIANCE REPORT OF CCA OF CPCB

COMPLINCE REPORT OF CONSENT ORDER NO AWH-80514 DATE OF ISSUE 20/07/2016 VALID UP TO 27/12/2020.

No	Conditions	Compliance status
1	**Consent order no AWH-80514 date of issue 20/07/2016 valid up to 27/12/2020.**	**Noted**
2	The consent order shall be valid up to 27/12/2020 for storage of chemicals at Survey No 175/1,175/2,176,177,178,182/1,182/2,183/1,183/2,184,185/1,185/2,185/3,185/4,185/5,179/1,179/2,179/3, village Samakhiyali, Taluka Bhachau, Dist: Kutch-370150.	**Noted**

Sr. No	Product	Quantity per Month
1	Sponge Iron	18,750 MT
2	Billet Ingots	21,450 MT
3	M.S. Bar	20,915 MT
4	Power Plant (AFBC)	25 MW
5	Power Plant(WHRB)	8 MW
6	Runner & Riser	74.25 MT
7	Missed Rolled Bar	445.50 MT

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:		
1	You shall comply all EC conditions issued by MoEF & CC vide order No F.No.J-11011/52/2013-IA-II(I) dated 19.5.2016	**Noted and agreed to comply**
1	No ground water shall be withdrawal without obtaining prior permission from competent authority.	**Complied** No ground water is being used.
3	**CONDITIONS UNDER THE WATER ACT 1974:**	
3.1	The quantity of industrial effluent from manufacturing process and other ancillary industrial operations shall not exceed **135.5 KL/Day.** after expansion	**Complied.** Industrial effluent generated is being treated in ETP and is being reused after treatment.
3.2	The quantity of the domestic waste water (Sewage) shall not exceed **105 KL/Day** after expansion.	**Complied.** Domestic waste water is being treated in STP and reused for gardening and plantation purpose.

GALLANT METAL LIMITED Gandhidham

No	Conditions	Compliance status
3.3	The Quality of industrial effluent shall conform the following standards.	**COMPLIED.** Latest report of industrial effluent is attached as **Annexure C6** and the results are within the norms as prescribed in standards.

PARAMETERS	GPCB NORMS
PH	6.5 to 8.5
Temperature	40 C
Colour (pt.co.scale) in units	100 UNITS
Suspended Solids	100 mg/L
Oil and Grease	10 mg/L
Phenolic Compounds	1 mg/L
Fluorides	1.5 mg/L
Sulphides	0.5 mg/L
Ammonical Nitrogen	50 mg/L
Total Chromium	2.0 mg/L
Hexavalant Chromium	0.1 mg/L
Copper	2 mg/L
Lead	0.1 mg/L
Mercury	0.01 mg/L
Nickel	3 mg/L
Zink	5 mg/L
Cadmium	2.0 mg/L
BOD(3days at 27 C)	30 mg/L
COD	100 mg/L
Chlorides	600 mg/L

GALLANTT METAL LIMITED

<table>
<tr><th>No</th><th>Conditions</th><th>Compliance status</th></tr>
<tr><td>3.4</td><td>The effluent conforming to the above standards shall be utilized in dust suppression and partially utilized in gardening and plantation within plant premises.</td><td>Complied
After treatment effluent utilized in dust suppression and partially utilized in gardening and plantation within plant premises.</td></tr>
<tr><td>3.5</td><td>The Quality of the sewage shall conform to the following standards;
<table>
<tr><th>PARAMETER</th><th>PERMISSIBLE LIMIT</th></tr>
<tr><td>BOD (5days at 20 0C)</td><td>20 mg/L</td></tr>
<tr><td>Suspended Solid</td><td>30 mg/L</td></tr>
<tr><td>Residual Chlorine</td><td>Minimum 0.5 mg/L</td></tr>
</table></td><td>Complied.
Copy of treated sewage is attached as Annexure</td></tr>
<tr><td>3.6</td><td>Sewage shall be disposed off through septic tank/ soak pit system.</td><td>Complied.
Sewage is collected in sewage tank and is treated in STP</td></tr>
<tr><td>3.7</td><td>The unit shall install meters at utilities for measuring category wise (Category as given in Schedule II of Water (Prevention & Control of Pollution) Cess Act-1977) consumption of water.</td><td>Complied.
Meters are installed to get the consumption of water</td></tr>
<tr><td>4.0</td><td>CONDITIONS UNDER AIR ACT</td><td></td></tr>
<tr><td>4.1</td><td>The following shall be used as Fuel in the boiler/furnace/Thermic Fluid Heater/D.G. Sets as per following rates after proposed expansion.
<table>
<tr><th rowspan="2">Sr. No</th><th rowspan="2">Name of the Fuel</th><th colspan="3">Quantity/Month</th></tr>
<tr><th>Existing</th><th>proposed</th><th>Total</th></tr>
<tr><td>1</td><td>Coal (Sponge Iron plant)</td><td>15,975 MT</td><td>4,125 MT</td><td>20,100 MT</td></tr>
<tr><td>2</td><td>Coal (Power plant)</td><td>11,440.80 MT</td><td>4,186.5 MT</td><td>15,627.30 MT</td></tr>
<tr><td>3</td><td>Diesel</td><td>1667 TPA</td><td>----</td><td>1,667 TPA</td></tr>
</table></td><td>Noted and agrred to comply</td></tr>
<tr><td></td><td></td><td></td></tr>
</table>

GALLANTT METAL LIMITED Gandhidham

<table>
<tr><th>No</th><th>Conditions</th><th>Compliance status</th></tr>
<tr><td>.2</td><td>The applicant shall install & operate air pollution control system in order to achieve flue gas emission norms as prescribed below:
<table>
<tr><th>Stack No.</th><th>Stack attached to</th><th>Status</th><th>Stack height in meter</th><th>Air Pollution Control Measures</th><th>Parameter</th><th>Permissible Limit</th></tr>
<tr><td>1</td><td>Rotary Kiln 1 & 2</td><td>Existing</td><td>35</td><td>Electro Static Precipitator</td><td rowspan="2">PM
SO2
NOX</td><td rowspan="2">100mglNm3
100mglNm3
50mglNm3</td></tr>
<tr><td>2</td><td>Rotary Kiln 3 & 4</td><td>Existing</td><td>35</td><td>Electro Static Precipitator</td></tr>
<tr><td>3</td><td>Induction Furnaces no. 1 & 2</td><td>Existing</td><td>48</td><td>Bag Filter with spark trapper and poppet dampers</td><td rowspan="3">PM
SO2
NOX</td><td rowspan="3">50mglNm3
100mglNm3
50mglNm3</td></tr>
<tr><td>4</td><td>Induction Furnaces no. 3</td><td>Existing</td><td>48</td><td>Bag Filter with spark trapper and poppet dampers</td></tr>
<tr><td>5</td><td>Induction Furnaces no. 4</td><td>Proposed</td><td>48</td><td>Bag Filter with spark trapper and poppet dampers</td></tr>
<tr><td>6</td><td>AFBC Boiler of Power Plant</td><td>Existing</td><td>95</td><td>Electro Static Precipitator</td><td rowspan="4">PM
SO2
NOX</td><td rowspan="4">100mglNm3
100mglNm3
50mglNm3</td></tr>
<tr><td>7</td><td>Reheating Furnace -1</td><td>Existing</td><td>30.00</td><td>-----</td></tr>
<tr><td>8</td><td>Coal Crusher House</td><td>Existing</td><td>30.00</td><td>Bag House</td></tr>
<tr><td>9</td><td>D.G. Set 3Nos</td><td>Existing</td><td>12.00</td><td>-----</td></tr>
</table></td><td>Noted and agreed to Comply.
Apart from GPCB approved schedule II auditor monitoring, Online stack monitoring systems are installed in order to control the emission within the norms. Latest report is attached as Annexure C1.
Results are within the norms.</td></tr>
<tr><td>4.3</td><td>There shall be no process gas emission from the manufacturing and other ancillary activities</td><td>Noted and agreed to Comply.</td></tr>
</table>

GALLANTT METAL LIMITED Gandhidham

<table>
<tr><th>No</th><th>Conditions</th><th>Compliance status</th></tr>
<tr><td>4.4</td><td>The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Standards issued by MoEF&CC dated 16th November -2009
<table>
<tr><th>No</th><th>Parameter</th><th>Time Weighted Average</th><th>Concentration in Ambient air in ug/m3</th></tr>
<tr><td>1</td><td>Sulphur Dioxide (SO2)</td><td>Annual
24 Hours</td><td>50
80</td></tr>
<tr><td>2</td><td>Nitrogen Dioxide (NO2)</td><td>Annual
24 Hours</td><td>40
80</td></tr>
<tr><td>3</td><td>Particular Matter.
(Size less than 10 um) Or PM 10</td><td>Annual
24 Hours</td><td>60
100</td></tr>
<tr><td>4</td><td>Particular Matter.
(Size less than 2.5 um) Or M 2.5</td><td>Annual
24 Hours</td><td>40
60</td></tr>
</table></td><td>Complied.
Ambient air quality monitoring reports is attached as Annexure C14.
Result are within the norms.</td></tr>
<tr><td>4.5</td><td>The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.</td><td>Complied.
We have provided portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and designated the nos. As C1, C2 etc to the chimneys.</td></tr>
<tr><td>4.6</td><td>The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels;
Between 6 A.M. to 10 P.M. : 75dB(A)
Between 10 P.M. to 6 A.M. : 70dB(A)</td><td>Complied.
Noise monitoring report is attached as Annexure C15 and the results are within the norms</td></tr>
<tr><td>5</td><td>AUTHORIZATION UNDER HAZARDOUS WASTE [MANAGEMENT, HANDLING& TRANSBOUNDRY MOVEMENT] RULES,2016 & AMENDED</td><td></td></tr>
<tr><td>5.1</td><td>AUTHORIZATION NUMBER AWH-80514 AND SHALL VALID UP TO 27/12/2020</td><td>NOTED</td></tr>
</table>

No	Conditions	Compliance status
5.2	**M/s GALLANTT METAL IMITED** is hereby granted an authorization to operate facility for following hazardous wastes after expansion on the premises situated at Survey No. 175/1, 175/2, 176, 177, 178, 182/1, 182/2, 183/1, 183/2, 184, 185/1, 185/2, 185/3, 185/4, 185/5,179/1,179/2,179/3, village Samakhiyali, Taluka Bhachau, Dist: Kutch-370150.	**Complied.** Hazardous waste is being disposed as per GPCB norms only.

Sr. No	Waste	Quantity per annum	Category	Mode of Disposal
1	Used Oil	1.617 MT /Year	5.1	Collection, Storage , Transportation, Disposal by selling to Registered Re-refiners
2	Used ION Exchange Resin	0.350 MT/Year	34.2	Collection, Storage , Transportation, Disposal at Integrated Facility site of M/s Saurashtra Enviro Projects Pvt. Ltd located at survey No 415,417,418, Village Juna Kataria, Taluka Bhachau, Dist: Kutch
3	Tar Residue	3.60	13.4	Collection, Storage , Transportation, Disposal at Integrated Facility site of M/s Saurashtra Enviro Projects Pvt. Ltd located at survey No 415,417,418, Village Juna Kataria, Taluka Bhachau, Dist: Kutch

5.3	The authorization is granted to operate facility for collection, storage, within the factory premises transportation and ultimate disposal of Hazardous & other waste by selling out to registered recyclers.	**Complied**
5.4	The Authorization is subject to conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act 1986	**Noted and agreed to comply.**
5.5	**TERMS AND CONDITION OF AUTHORIZATION**	
1.	The authorized person shall comply with the provisions of the Environment (Protection) Act 1986 and the rules made there under.	**Noted for compliance**
2.	The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.	**Noted for compliance**
3.	The persons authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous & other wastes except what is permitted through this authorization.	**Noted for compliance**
4.	Any unauthorized change in personnel, equipment, equipment or working condition as mentioned in the application by the person authorized shall constitute a breach of his authorization.	**Noted for compliance**
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakage, fire etc . and their possible impacts and also carry out mock drill in this regard at regular interval of time.	**Compliance assured**
6.	The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "implementing liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"	**Compliance assured**
7.	It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility	**Compliance assured**
8.	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.	**Compliance assured**
9.	The record of consumption and fate of the imported hazardous and other and other wastes shall be maintained.	**Compliance assured**

GALLANTT METAL LIMITED Gandhidham

No	Conditions	Compliance status
10.	The hazardous and other wastes which gets generated during recycling or reuse or recovery of per-processing or utilization of imported hazardous or other wastes shall be treated and disposed off as per specific conditions of authorization.	**Compliance assured**
11.	The importer or exporter shall bear the cost of import or export and mitigation of the damages if any	**Compliance assured**
12.	An application for the renewal of an authorization shall be made as laid down under these rules.	**Noted for compliance**
13.	Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.	**Compliance assured**
14.	Annual Return shall be filed by June 30th for the period ensuring by 31st March of the year.	**Complied.**
6.0	**GENERAL CONDITIONS**	
6.1	Any change in personnel equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this board.	**Compliance assured**
6.2	The waste generator shall be totally responsible for (i.e. Collection, storage, transportation and ultimate disposal) of the wastes generated. Records of the waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form 4 by 31st January of every year.	**Complied.** Details are uploaded at online GPCB site regularly.
6.3	In case of any accident, details of the same shall be submitted in form 5 to Gujarat Pollution Control Board. Applicant shall comply relevant provision of Public Liability Act -91	**Complied.** Details are uploaded at online GPCB site regularly.
6.4	Empty drums and containers of toxic and hazards material shall be treated as per guideline published for management & handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board, regularly.	**Compliance assured**
6.5	In no case any kind of Hazardous Waste shall be imported without prior approval of appropriate authority.	**Noted for compliance**
6.6	In case of transport of Hazardous waste to a facility for (I.E Treatment, Storage & Disposal) existing in a state other than the state where hazardous waste are generated the occupier shall obtain " No Objection Certificate" from the state pollution control board , the committee of the concerned state or union territory Administration where the facility exists	**Compliance assured**
6.7	Industry shall have to display the relevant information with regard to hazardous wastes as indicated in the Supreme Court's order in W.P.No 657 of 1995 dated 14th October 2003	**Compliance assured**
6.8	Industry shall have to display online data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises	**Compliance assured**

GALLANTT METAL LIMITED
Gandhidham

ANNEXURE A19

PROPOSED EXPENDITURE FOR 20-21 TOWARDS EMP

Annexure-A19

Proposed expenditure Environment Protection Measures for financial year 2020-21		
S.No	**SUB HEAD**	**Proposed Cost(Capital +Recurring)**
1	Air Pollution Control/Noise Control	70
2	Water Pollution Control	4
3	Environmental Monitoring and Managment	18
4	Green Belt Development	8
5	Occupational Health	6
TOTAL		**1.06**

GALLANTT METALLIMITED
Gangadhara

ANNEXURE A20

COPY OF CORPORATE ENVIRONMENT RESPONSIBILITY POLICY

GALLANTT METAL LIMITED

CORPORATE ENVIRONMENTAL SOCIAL RESPONSIBILITY POLICY

The Vision

Our vision is to full fill all commitments related to environmental requirements, to maintain quality productivity, legal complies & improve management performance.

We will achieve this through an integrated Environment Management approach which focuses on technology and Best Practices and is supported by management Commitment as the prime driver.

Environment Policy

GML is committed to meeting the needs of customers in an environmentally sound manner, through continuous improvement in environmental performance in all our activities. Management at all levels , jointly with employees, is responsible and will be held accountable for company's environmental performance.

Accordingly GML aims to:

- Ensure safety of its products and operations for the environment by using standards of environmental safety, which are scientifically sustainable and commonly acceptable.
- Develop,introduce and maintain environmental management system across the company to meet the company standards as well as statutory requirements for environment. Verify compliance with these standards through regular auditing.
- Assess environmental impact of all its activities and set continual improvement objectives and targets along with periodic review to meet with target & making efforts to reduce waste, conserve energy and explore opportunities for reuse and recycle.
- Involve all employees in the implementation of this policy and provide appropriate training.

MD

SAHAJ ISPAT METAL LIMITED

- Encourage suppliers and service providers to develop and employ environmentally superior processes and ingredient and co operate with other members of the supply chain to improve overall environmental performance.
- Work in partnership with external bodies and Government agencies to promote environmental care, increase understanding of environmental issues and disseminate good practices.

Corporate Environmental & Social responsibility Policy (CESR)

The Director of the Company is responsible for the Compliance of the Policy. The Director may constitute a Committee called as Corporate Environment & Social responsibility committee. The committee is committed to conduct the company operations in an environmentally sound manner With commitment of social responsibility . The committee will :

- Set standards and establish environmental improvement objective and targets for units, and ensure these are included in the annual operation plans.
- Formally review CESR performance of the company once every quarter
- Review environment performance when visiting units and recognize exemplary performance.
- Nominate a unit head or senior employee as coordinator for compliance of environmental performance at the site.

The committee, through the nominated coordinator will :

- Ensure implementation of Policy on environment and compliance with the Company's environmental standard and the standards stipulated under relevant national / local legislation. where appropriate, apply more stringent criteria than those required by law.
- Assess environmental impact of GML operations and establish strategies for sound environment management and key implementation steps.

GANTT METAL LIMITED

- Establish system for appropriate training in implementation of Environment management system at work.
- Ensure that all employees are made aware of individual and collective responsibilities towards environment.
- Participate, where possible, with appropriate industry and Government bodies advising on environmental legislation and interact with national and local authorities concerned with protection of environment.

The corporate social responsibility Objectives and activates area : -

Strive for economic development that positively impacts the society at large to Promote well being of the communities effected by its operations and enhance the quality of life in such communities through activities on education healthcare, environment and rural development for all customers and society.

Encourage employee participation at all level and recognize its employees for volunteering with the sprit of serving and sharing with the community.

CSR Rules

The CSR activities shall include the activities in accordance with the requirements under the schedule VII of the companies Act, 2013, but not restricted to such activities only. the focus areas shall be on education, health care, environment and rural development.

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INDIVIDUAL UNITS RESPONSIBILITIES

The overall responsibility for environment management at each unit will rest with the unit head or senior employee, who will ensure implementation of Policy on environment at unit level and report to Director or Committee as the case may be. Concerned line managers / heads of departments are responsible for environmental performance at department levels.

In order to fulfill the requirements of the policy at each site, the Unit Head will:

- Designate a unit environment who will be responsible for coordinating environmental activities at unit, collecting environmental data and providing / arranging for expert advice.
- Agree with the coordinator responsible for the unit specific environmental improvement objectives and targets for the units and ensure that these are incorporated in the annual objectives of the concerned managers and officers and are reviewed periodically.
- Ensure that the unit complies with GML's environmental standards and the relevant national and state regulations with respect to environment.
- Ensure formal environmental risk assessment to identify associated environmental aspects and take appropriate steps to control risks at acceptable levels.
- Ensure that all new operations are subjected to a systematic and formal analysis to assess environmental impact. Findings of such exercises should be implemented prior to commencement of the activity.
- Manage change in people, technology and processes through a planned approach base on training, risk assessment, pre-commissioning audits and adherence to design norms.
- Regularly review environment performance of the unit against set objectives and targets and strive for continual improvement.

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For Gallant Metal Ltd.

- Sustain a high degree of environmental awareness through regular promotional campaigns and employee participation through training, safety committees, emergency drills etc.
- Ensure dissemination of relevant information on environment within the unit and to outside bodies, and regularly interact with Government authorities concerned for protection of environment.
- Maintain appropriate emergency procedures consistent with available technologies to prevent / control environmental incidents.
- Provide appropriate training to all employees.
- Ensure periodic audits to verify compliance with environment management systems.
- Also ensure periodic 3rd party environment audits through certification bodies to check efficacy of the Environment Management Systems.
- Report environmental performance to committee on a monthly basis.

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For GALLANTT METAL LTD.

Director

For Gallantt Metal

ANNEXURE A21

COPY OF COMPLIANCE OF ISSUES RAISED DURING PUBLIC HEARING DATED 24/05/2015

Compliance to issues raised during Public Hearing held on 24/05/2015 for M/s Gallantt metal Ltd.(1) Sponge Iron - 1,75,000 TPA to 2,25,000 TPA, (2) Steel Billets- 1,78,200 TPA to 3,36,600 TPA, (3) TMT-1,71,963 TPA to 3,30,000 TPA (4) Power Plant(AFBC)- 17 MW to 25MW, (5) Power Plant(WHRB)-8 MW (6) Runner & Riser-891 TPA, (7)Miss Rolled Bar-5,346 TPA, at Survey No.175/1, 175/2, 176, 177, 178, 179/1, 179/2, 179/3, 182/1, 182/2, 182/1, 183/2, 184, 185/1, 185/2,185/3,185/4,185/5,Village: Samakhiyali, Ta. Bhachau, Dist.Kutch.

Sr.No	Name of the Person	Comments and Issues raised	Reply by Management	Status as on 31.03.18
1.	Shri Ranchodbhai Karanbhai Madhhva	He represented that he had constructed his new house and due to black particles of coals,house become blackish and cloths kept for drying also becomes black and due to this,issue is created in his family.He requested to change the direction of smoke so that smoke should not come towards villages.	• Technical representative of Industry Shri Pushpak Shah informed that they have installed morden APCM (Air Pollution Control Measures) in their Industry and emission disperse from the stack are well within norms. • In addition to that they have installed Bag filters for induction furnace and it is operated efficiently. Pakka (Lined) roads are constructed to control the fugitive emission and regularly water is sprinkled. Further their emission is reach upto maximum 500 meters, where as village Samakhiyali is about 1.5 KM away. They have prepared mathematical model for emission and accordingly APCM are upgraded. However responsible officer of company will visit his house and if any problem is there due to their industry then they will take all required measures and whatever measures taken are upgraded, if required to be upgraded.	**Closed** Company has have installed Bag filters for induction furnace and it is operated efficiently. RCC roads are constructed to control the fugitive emission and regularly water is sprinkled. Further emission is reaching upto maximum 500 meters, where as village Samakhiyali is about 1.5 KM away. We have prepared mathematical model for emission and accordingly APCM are upgraded. Authorised officer has visited the the said house and explained all the measures which are being taken by company to minimise the emission and also the CSR activities done by company and to be done by company for the local peoples.

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2.	Shri Dineshbhai Rana, Village: Lakadia Human Welfare and Environment Protection Society:(Manav Kalyan Suraksha Mandal) Tal: Bhachau Dist: Kutch	He welcomed the project and informed that this industry has given contribution for development works in surrounding area and by upcoming project contribution will be given for social and educational development in surrounding villages and demanded for development work like development of education and school.It is requsted for development work to be done.	• Technical representative Shri Pushpak Shah expressed thanks for welcoming the project and informed that they will give proper and required contribution for development work in surrounding villages.	**Closed.** Point is about welcoming the project and does not warrant any further action. We are regularly carrying one to one need assessment in co-ordination wth Local authorities / Surpanch / leaders and needy of Villages and doing contribution in CSR according to their needs.
3.	Shri Bhanajibhai Dungariya Village: Samakhiyali Representative "Kutch Jilla Bharat Mukti Morcha" Tal: Bhachau Dist : Kutch	He represented that Grampanchayat have been given responsibility for public hearing organized by company through medium of company,but this is case of Environment pollution and advertisement is not being done by village panchayat.Social leader should be invited in public hearing programme by considering public interest and no adequate publicity is being made in villages.This matter is of pollution hence it is serious matter for health. Hence, it will not be tolerated if company makes false promises in this regards. He inquired that there is 8 to 12 working hours in company, Is it proper? Is it as	• At this Juncture, Regional Officer, GPCB, Bhuj informed the gathering that Public Hearing is being conducted as per the provisions of EIA Notification No- S.O. 1533 dated 14/09/2006 and its subsequent amendments.Advertisement of this Public Hearing was given prior to more than 1 month in Gujarati daily newspaper 'Kutchmitra' and English daily news paper 'Indian Express' on 22/01/2015. EIA Report and its summary were make available at public places/offices mentioned in it. In addition to that publicity of today's Public Hearing was made through Auto Rikshaw mounted with loud speaker on 22/02/2015 and 23/02/2015 in all	**Closed.** Company has always given employment priority to local qualified persons and in future the same will be continued. Company follows the norms as per the Factory Act and all the working is as per rule. We are maintaining documents as per requirement and the same can be verified.

CALLANTT METAL LIMITED Gandhidham

		per the provision of Indian Constitution? P.F of the workers of company are being deducted as per the provision of rules or not.Payslip to the worker is given by the company or not?Whether Aadhar card has been taken from the worker? If all these are not given due consideration then they will make agitation in Whole Country.(i.e INDIA)	villages situated in study area. In addition to that advertisement for today's Public Hearing was displayed on 22/02/2015 and 23/02/2015 in local T.V. Channel namely "Kutch Uday" Thus wide publicity of today's Public hearing was made. Representative of project Shri Jagmohansingh vice president (Adm) inform that there is 8 hours shift which is as per law. In addition to that overtime is being given for further working. Work is not taken more than 26 days in a month and no additonal work is being taken. All workers are on payroll and all are having P.F account and P.F of them is deducted as per rules. All workers are on record and Identity proof like Ration Card/ Driving Licence/ Aadhar card/ are taken from all workers and the same is reported into police. Record of all these are maintained and you can check it.	

SAILANTT METAL LIMITED
Gandhidham

ANNEXURE A22

COPY OF EC SENT TO DIFFERENT AUTHORITIES

मानव कल्याण पर्यावरण एवं सुरक्षा मंडल
HUMAN WELFARE, ENVIRONMENT & SEAFTY ASSOCIATION
(NATIONAL LEVEL N.G.O.)
KUTCH DISTRACT SECRETORY

HWESA

Regd. office : 7, Gajanand Society, Anklashwar - 393 001
Dist. Bharuch (Gujarat)
Kutch Office : D/102 Gayatri Kunj, Shakti Nagar, Gandhidham
& Bus Station, Lakadiya - 370 145
E-mail:dineshrana912@gmail.com

Dinesh Rana (Bhil)
Phone : 9978827480
9714627480
Regd. No. F/1027/BHARUCH (1980)
GUJ/1038/BHARUCH (1980)

Ref.

Date :

Recevd Copy of Environmental Clearan No F.No J-11011/52/2013-14 dated 19.05.16 from Gallantt Metal Limited Samakhiyali - Kutch

Dineshrana
12/6/16

GALLANTT METAL LIMITED Gandhidham

ટ્રસ્ટ નોંધણી નંબર : ગુજ/૨૫૩૩/કચ્છ.
સાર્વજનિક ટ્રસ્ટ રજી.નં. એફ/૨૭૧૩/કચ્છ.

શ્રી. [illegible]

પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ

જંગી રોડ, સામખીયારી, તા. ભચાઉ-કચ્છ.

જાવક નં. તારીખ :

એન્વાયરોમેન્ટલ ક્લીયરન્સ નં. F. નં.
J-11011/42/2013 IA II (I) તારીખ
16/04/2015 ના નકલ જેનેન્ટ મેટલ લીમીટેડ
સામખીયારી તરફથી મળેલ છે.

પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ
રજી. નં.
એફ-2713
કચ્છ
સામખીયારી

GENUINE ALLOYS GALLANTT METAL LIMITED

પ્રમુખશ્રી
પ્રગતિ એજ્યુકેશન ચેરીટેબલ ટ્રસ્ટ
સામખીયારી
16/6/16

"વિના સહકાર નહીં ઉદ્ધાર"

શ્રી ઘરાણા ગ્રામપંચાયત

મુ. ઘરાણા. તા.ભચાઉ-કચ્છ.

જાવક નં. તારીખ :-

એન્વાયરમેન્ટલ ક્લીયરન્સ નં. F. નં.
J- ૧૧૦૧૨/૫૨/૨૦૨૩ - IA II (I) તારિખ
૧૯/૦૫/૨૦૨૬ ની નકલ ગોલેન્ટ મેટલ લીમીટેડ
સામજીયાણિ તરફથી મળેલ છે.

ડોગર વાલજીભાઈ મેઘા માર્ફ

સરપંચશ્રી
ઘરાણા ગ્રામ પંચાયત 12/06/16

GOLANTI METAL LIMITED

રજી.નં.૧૩૪૬/૬ રજી. તા. ૧૭/૭/૯૮ મો. ૯૯૭૮૧ ૦૭૦૫૧, ૯૯૭૦૬ ૯૭૬૨૧

શ્રી વાગડ માનવ વિકાસ ટ્રસ્ટ - ગાગોદર

(કચ્છ શાખા)

મુ.: પો.: તાલુકો: જીલ્લો:

જાવક નં. તારીખ:

મુખ્ય કાર્યાલય :- ગાગોદર, તા. રાપર - કચ્છ.

પ્રમુખ
ભરવાડ ધારાભાઈ કલાભાઈ

પ્રવૃતિઓ :-

- લોક જાગૃતિ સંગઠન
- શોષણ અન્યાય સામે અહિંસક સંઘર્ષ
- ખેતી પશુ પાલન વિકાસ
- મહિલા, બાળ વિકાસ
- જળ, જંગલ, જમીન, સંરક્ષણ અને વિકાસ
- કુદરતી સંશોધનો દ્વારા ગ્રામ વિકાસ
- સહકારી પ્રવૃતિ
- જાહેર હિતાર્થ

સોમ્યાચરોમેટલ કલીયરન્સ નં. F.નં
J-22011/42/2023 - IA II (I) તારિખ
28/04/2023 ની નકલ ગેલેન્ટ
મેટલ લીમીટેડ, સામખીયારિ તરફથી
મળેલ છે.

13/6/16

GALLANTT METAL LIMITED
Gandhidham