

**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. (EC)

Sr. No.	EC condition	Compliance status																																								
2.0	<p>The ministry of Environment and Forest has examined the application. It is noted that proposed is for the expansion of steel plant by installation of sponge iron plant (175 TPD) and captive power plant (7MW; 5MW AFBC & 2MW 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 Limited. The total land area acquired is 116.23acres. Expansion will be carried out in 14acres within the existing plant premises and no additional land will be required. Total cost of the proposed expansion is Rs.43.00 Crores. Following will be the details of the existing and proposed facilities:</p> <table border="1" data-bbox="443 1507 1528 2279"> <thead> <tr> <th>Sr. No.</th> <th>Products</th> <th>Existing Capacity (TPA)</th> <th>Proposed Capacity (TPA)</th> <th>Total Capacity (TPA)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Steel Billets</td> <td>1,78,200</td> <td>—</td> <td>1,78,200</td> </tr> <tr> <td>2.</td> <td>Sponge iron</td> <td>1,12,500</td> <td>63,000</td> <td>1,75,500</td> </tr> <tr> <td>3.</td> <td>MS bars</td> <td>1,71,963</td> <td>—</td> <td>1,71,963</td> </tr> <tr> <td>4.</td> <td>Runner & Riser</td> <td>891</td> <td>—</td> <td>891</td> </tr> <tr> <td>5.</td> <td>Miss Rolled Bar</td> <td>5,346</td> <td>—</td> <td>5,346</td> </tr> <tr> <td>6.</td> <td>Power Plant (WHRB)</td> <td>6MW</td> <td>2MW</td> <td>8MW</td> </tr> <tr> <td>7.</td> <td>Power Plant (AFBC)</td> <td>12MW</td> <td>5MW</td> <td>17MW</td> </tr> </tbody> </table>	Sr. No.	Products	Existing Capacity (TPA)	Proposed Capacity (TPA)	Total Capacity (TPA)	1.	Steel Billets	1,78,200	—	1,78,200	2.	Sponge iron	1,12,500	63,000	1,75,500	3.	MS bars	1,71,963	—	1,71,963	4.	Runner & Riser	891	—	891	5.	Miss Rolled Bar	5,346	—	5,346	6.	Power Plant (WHRB)	6MW	2MW	8MW	7.	Power Plant (AFBC)	12MW	5MW	17MW	<p>We have received the amendment in C & A vide letter No PC/CCA-KUTCH-341(3)/GPCB ID: 17845/106250 dated 06.03.2012 for the increased capacity of our AFBC Boiler by 5 MW. We have also received the amendment in CC & A vide letter no PC/CCA-KUTCH-341(3)/GPCB ID: 17845/204290 dated 13.02.2014</p>
Sr. No.	Products	Existing Capacity (TPA)	Proposed Capacity (TPA)	Total Capacity (TPA)																																						
1.	Steel Billets	1,78,200	—	1,78,200																																						
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6.	Power Plant (WHRB)	6MW	2MW	8MW																																						
7.	Power Plant (AFBC)	12MW	5MW	17MW																																						
3.0	<p>Electrostatic precipitator (ESP), bag house bag filter, dust suppression system, water sprinkler system will be provided to control emission level below 100mg/Nm³. Total water requirement for expansion from Gujarat Water Infrastructure Limited (GWIL) will be 255 m³/day. Ground water or any other surface water will not be utilized. Boiler blow down and DM reject streams</p>																																									

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	will be utilized for dust suppression and green belt development. No wastewater will be discharged outside the premises and 'Zero' discharge will be adopted. Fly ash will be utilized in captive brick manufacturing plant or in construction activities. Process dust will be recycled back manufacturing plant, Cement plant or in construction activities. Process dust will be recycled back to the process. Coal char will be utilized in captive power plant.	
4.0	Public hearing is exempted as per section 7 (ii) under EIA Notification , 2006	
5.0	The Ministry of Environment and Forest here by accords environment clearance of above project under EIA Notification dated 14 th September, 2006 subject to strict compliance of the following conditions.	
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/Nm ³	Compliance assured.
2.	Electrostatic precipitator (ESP) shall be provided to DRI kilns, WHRB and AFBC boilers to keep the particulate matters within 100 mg/Nm ³ . 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	Complied
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, SO ₂ and NO _x 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.	Complied Report Enclosed as Annexure 4
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.	Compliance assured.

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	Data on SPM, SO ₂ and NO _x shall also be displayed prominently outside the premises at the appropriate place for the information of general public.	
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.	Compliance assured. Reports of Fugitive Emission is enclosed herewith as Annexure 6
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.	Compliance assured.
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 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.	Compliance assured.
8.	Total water requirement for expansion from Gujarat Water Infrastructure Limited (GWIL) shall not exceed 255 m ³ /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 shall not be utilized for any construction or industrial purposes. Effluent Treatment Plant (ETP) shall be	Complied. Latest Report of Waste & Treated water is enclosed as Annexure 9 &10

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	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	
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	Complied. Copy of Report is enclosed as Annexure 7
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 recyclers as per the Hazardous Waste (Management & Handling) Rules, 1989 and subsequent amendments.	Complied.
11.	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal	Complied. Action Plan attached as Annexure No 11
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 waste shall be submitted to the Ministry's Regional Office at Bhopal, MPPCB and CPCB.	Compliance assured. Copy of Report of Toxic Element is enclosed as Annexure 8
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	Compliance assured.

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	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	
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	Compliance assured.
15.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Sector shall be implemented	Compliance assured.
16.	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	Compliance assured.
	GENERAL CONDITIONS:	
I	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) and the State Government	Compliance assured.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests	Compliance assured.
iii	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.	Compliance assured.
iv	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 from time to time. The treated wastewater shall be utilized for plantation	Compliance assured. Latest Report of Waste & Treated water is enclosed as

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	purpose.	Annexure 9 &10
V	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).	Compliance assured.
vi	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	Compliance assured.
vii	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Complied.
vii i	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.	Compliance assured.
ix	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.	Compliance assured.
x	The Regional Office of this Ministry at Bhopal/CPCB/GPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be	Complied

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	submitted to them regularly.	
xi	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 Gujarat Pollution 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 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.	Complied
xii	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the of the project by the concerned authorities and the date of commencing the land development work.	Complied

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**SIX MONTHLY COMPLIANCE REPORT
OF THE ENVIRONMENTAL CLEARANCE
OF 12 MW COAL BASE POWER PLANT**

No	Conditions	Compliance Status
1	No additional land shall be acquired for the project or any activities associated with it	<i>Complied</i>
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	<i>Stack Monitoring Analysis report attached as Annexure 1</i>
3	High efficiency Electrostatic Precipitators (ESPs) shall be installed to limit particulate emission within 100 mg/Nm ³	<i>ESP is installed</i>
4	AFBC boilers shall be provided	<i>AFBC Boiler installed</i>
5	Air cooled condensers shall be installed	<i>Air Cooled Condenser installed.</i>
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.	<i>Complied. The water consumption details for six months (i.e. Oct'16 to March' 17) is attached here with Annexure-2. The water is obtained from GWIL & no ground water is extracted for any purpose for the project .</i>
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.	<i>Complied. The quantity of waste water generated as blow down & reject is given in annexure-2. This waste water generated, after neutralization is reused within the plant premises for</i>

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		<i>gardening & dust suspension.</i>
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.	<i>Presently rain water is collected into pond and used in the process.</i>
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.	<i>Complied. Regular maintenance of equipment is done & personal protective equipments are provided to workers. Enclosures are provided with the equipments producing high level of noise.</i>
10	100 % utilization of ash shall be ensured from day one of commissioning of the plant.	<i>The quantity of ash generated is attached as Annexure - 3. Captive brick manufacturing plant is installed Fly ash is ultimate for brick generation & partly send at landfill site situated at nearby area</i>
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.	<i>Complied. A total area of 1.86 hectare is allotted for green belt development & company has planted no. of trees within this area. The plant spieces</i>


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		<p><i>selected are Jatropha curcas, Peltophorum pterocarpum, Albizia lebbeck, Ficus benghalensis, Salvadora persica, Salvadora oleoides.</i></p> <p><i>The company has carried out tree plantation program within & outside the plant premises at regular intervals. The total no. of trees planted in last 6 months are 965</i></p>
12	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	<i>During construction phase the same had been provided.</i>
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.	<i>Ambient Air Quality Monitoring report attached as Annexure 4</i>
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 .	<i>Complied.</i>

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15	A separate Environment Management cell with qualified staff shall be set up for implementation of the stipulated Environmental Safeguards	<i>We have appointed separate qualified person for the same</i>
16	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, its Regional Office and the CPCB/SPCB.	<i>Assure to comply</i>
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 Plan 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.	<i>Compliance Assured</i>
18	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.	<i>Compliance Assured</i>
19	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.	<i>We undertake to give full cooperation</i>

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**EC Compliance
for**

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) at Village Samakhiyali, District Kutch, Gujarat by M/s Gallantt Metal Ltd. (EC)

Sr. No.	EC condition	Compliance status												
2.0	<p>M/s Gallantt Metal Limited has set up an Integrated Steel Plant near Bhachau in Gujarat for manufacture of Sponge Iron, Steel Billets, M.S. Bars, Runner riser, Misrolled Bars and Captive Power Plant. The project is located at Survey No.. 175/1, 175/2, 176, 177, 178, 179/1, 179/2, 179/3, 182/1, 182/2, 183/1, 183/2, 184, 185/1, 185/2, 185/3, 185/4, 185/5.village Samkhiyali, Taluka Bhachau, District Kutch, Gujarat. Environment clearance for the existing project was granted by the Ministry vide letter No J-13011/37/2007-IA-II(I) dated on 28th September 2007 and consent to operate for the existing project was obtained on 8th June 2009 from Gujarat Pollution Control Board(GPCB). The existing project activity involves production of Sponge Iron, Steel Billets, TMT, Power Plant (AFBC), Power Plant (WHRB), Runner and Riser and Misrolled Bar. The proposed project site is located within the existing industrial premises and there is no additional land required for the expansion project. The total industrial area acquired by the company is 116 acre out of which an area of 36 Acres has been utilized for the existing industrial premise and 38.3 Acre for Green Belt. The proposed structure will be in the existing approved premise. The total cost of the project is Rs. 75 Crores. The total no. of worker to be employed for the proposed project is 120 (Skilled & Unskilled).</p>	<p>We have received CC&A vide letter No PC/CCA-KUTCH-341(5)/GPCB ID: 17845/364968 dated 01.08.2016 for the capacity expansion.</p>												
3.0	<p>The proposed expansion project is forward and backward integration project to meet the in-house requirement of raw material as well as the market demand and supply gap. The proposed production capacity for the expansion project is as below:</p> <table border="1" data-bbox="373 2056 1734 2567"> <thead> <tr> <th data-bbox="373 2056 468 2288">Sr. No.</th> <th data-bbox="468 2056 674 2288">Products</th> <th data-bbox="674 2056 915 2288">Existing Capacity</th> <th data-bbox="915 2056 1157 2288">Proposed increase in Capacity</th> <th data-bbox="1157 2056 1409 2288">Total Capacity</th> <th data-bbox="1409 2056 1734 2288">Equipment Details</th> </tr> </thead> <tbody> <tr> <td data-bbox="373 2288 468 2567">1.</td> <td data-bbox="468 2288 674 2567">Sponge Iron</td> <td data-bbox="674 2288 915 2567">1,75,500 TPA</td> <td data-bbox="915 2288 1157 2567">49,500 TPA</td> <td data-bbox="1157 2288 1409 2567">2,25,000 TPA</td> <td data-bbox="1409 2288 1734 2567">No additional kiln, Pre heater technology will be installed to</td> </tr> </tbody> </table>	Sr. No.	Products	Existing Capacity	Proposed increase in Capacity	Total Capacity	Equipment Details	1.	Sponge Iron	1,75,500 TPA	49,500 TPA	2,25,000 TPA	No additional kiln, Pre heater technology will be installed to	
Sr. No.	Products	Existing Capacity	Proposed increase in Capacity	Total Capacity	Equipment Details									
1.	Sponge Iron	1,75,500 TPA	49,500 TPA	2,25,000 TPA	No additional kiln, Pre heater technology will be installed to									

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					enhance capacity.
2.	TMT	1,71,963 TPA	1,58,037 TPA	3,30,000 TPA	Direct transfer to rolling mill. No reheating Furnace is required
3.	Steel Billets	1,78,200 TPA	1,58,400 TPA	3,36,600 TPA	2 X 20 TPH
4.	Power (AFBC)	17 MW	8 MW	25 MW	32 TPH Boiler
5.	Power Plant (WHRB)	8 MW		8 MW	
6.	Runner & Riser	891 TPA		891 TPA	
7.	Miss Rolled Bar	5,346 TPA		5,346 TPA	

Raw Material for the proposed expansion project for Sponge Iron is Iron Ore and Coal; for Billets it is Sponge Iron and Scrap; for TMT Bars it is MS Billets and for the Power Plant it is Coal and Coal Char.

Sr. No.	Materials	Existing Consumption	Proposed additional Consumption	Source	Transportation
SPONGE IRON PLANT					
1	Iron Ore	2,80,800 TPA	79,200 TPA	Imported	Transported by ships to nearest port and later transported via dumper to site
2	Coal	1,91,700 TPA	49,500 TPA	Imported Coal	
BILLETS					
1	Sponge	1,12,500 TPA	1,12,860 TPA	In house production	----
2	Scrap	90,000 TPA	66,660 TPA	Local	Transported

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				Market	by Trucks
TMT BARS					
1	MS Billets	1,78,200 TPA	1,63,776 TPA	In house production	
POWER PLANT					
1	Coal	1,37,289.6 TPA	50,328 TPA	Imported Coal	Transported by ships to nearest port and later transported via dumper to site
2	Coal Char	45,230.4 TPA	21,564 TPA	In house production	Internal Transport by Truck
4.0	Water will be sourced from Gujarat Water Infrastructure Limited for the existing as well as proposed facility. No ground water will be utilized for the project activities. The total water consumption for the proposed expansion is 300 KL/Day. The total waste water generation from the proposed project is 31.5 KL/Day.				Complied The water consumption details from October'16 to March' 17 is attached here with Annexure-2. The water is obtained from GWIL & no ground water is extracted
5.0	The major stacks present in the existing plant will be utilized for the proposed expansion project. Only additional one stack will be installed with Induction Furnace during the commissioning of proposed expansion project. Solid waste generated from the proposed project activity are slag, coal char, total ash and accretion. The hazardous waste generated for the proposed project is mainly used oil and used ion exchange resins				Complied

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6.0	Public hearing for the proposal was conducted on 24.02.2015 at the project site of M/s Gallantt Metal Limited. The major issues raised during the public hearing inter-alia include employment to the local population etc.	Compliance assured.
7.0	The proposal was considered by the expert appraisal committee (Industry -I) in its 41st meeting held on 1st - 2nd June 2015 and during the 1st meeting of the reconstituted Expert Appraisal Committee (Industry -I) held on 18th -20th November 2015 and recommended the project for environmental clearance and stipulated Specific conditions along with other environmental conditions while considering for accord of environmental clearance.	Compliance assured
8.0	The ministry of Environment, forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry -I) and hereby decided to grant Environmental Clearance to the above mentioned proposal of M/s Gallantt Metal Limited for 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) under provision of EIA Notification dated 14th September, 2006 as amended subject to strict compliance of the following Specific and General conditions:	Compliance assured
A	SPECIFIC CONDITIONS:	
i.	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..	Compliance assured.
ii.	Used Oil shall not be reused for lubrication and disposed to the authorized vendor.	Complied. Copy of Invoice enclosed
iii.	Air pollution control devices viz. Electrostatic precipitator(ESP), and bag filters etc. shall be provided to keep the emission levels below 50mg/Nm3.	Compliance assured.
iv.	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	Complied.

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	emissions generated during screening, loading, unloading, handling and storage of raw materials etc..	
v.	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.	Complied. Reports of fugitive emissions are enclosed as Annexure6
vi.	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.	Complied. Reports enclosed as Annexure 1
vii.	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.	Complied.
viii.	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.	Complied.
ix.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment(ESC) based on the issues raised during public hearing, 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.	Compliance assured.
x.	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 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	Compliance assured.

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	Board of Directors of the company and/ or stakeholders or shareholders.	
xi.	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.	Compliance assured.
xii.	Trucks carrying coal and other raw material shall be covered with tarpaulin to prevent spreading of dust during transportation.	Compliance assured.
xiii.	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.	Compliance assured. The total no. of trees planted in last 6 months are 965
xiv.	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.	Compliance assured.
B	GENERAL CONDITIONS:	
I	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) and the State Government	Compliance assured.
ii	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).	Compliance assured.
iii	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, SO2 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.	Complied Copies of reports of 4 stations are enclosed as annexure 4
iv	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 from time to time. The treated wastewater shall be utilized for plantation purpose.	Compliance assured.

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V	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).	Compliance assured. Reports enclosed as Annexure 5
vi	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Compliance assured.
vii	The company shall develop rainwater harvesting structure to harvest the rain water for utilization in the lean season besides recharging the ground water level.	Compliance assured
viii	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 programmes, educational programmes, drinking water supply and health care etc.	Compliance assured.
ix	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.	Compliance assured.
x	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.	Complied
xi	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,	Complied

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	indicated for the projects shall be monitored and displayed at the convenient location near the main gate of the company in the public domain.	
xii	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	Complied
xiii.	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.	Complied
xiv.	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.	Complied
xv.	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.	Compliance assured
. 9.0	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions in not satisfactory.	Compliance assured
10.0	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time	Compliance assured

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