

GIRIDHAN METAL PRIVATE LIMITED

Registered Office : "PREMLATA" 39, Shakespeare Sarani, 3rd Floor, Kolkata - 700 017, West Bengal, India
Telefax : +91 33 2289 2734 / 35 / 36, E-mail : giridhanmetal@gmail.com, CIN : U27320WB2019PTC234675

Ref No. GMPL/21-22/MoEF&CC/07

Date: 29.11.2021

To,
Director General of Forest
Integrated Regional Office
Ministry of Environment, Forest & Climate Change
Kolkata IB-198, Sector-III, Salt Lake City, Kolkata-700106

Ref: Ministry's EC No J-11011/366/2010-IA.II (I) dated 8th April, 2021

Sub: Submission of Six Monthly Compliance Report

Respected Sir,

We are submitting herewith the Six Monthly EC Compliance Report as on 30th September 2021 for your kind perusal. The same is being also uploaded on our website www.giridhanmetal.com

Kindly find attached as follows:

1. Point wise Six Monthly Compliance status as on 30th September 2021
2. Letter from M/s ISGEC Heavy Engineering, Noida on SO₂, NO_x reduction (Annexure-1)
3. Affidavit document of our compliance against observations made by regional office (Annexure-2)
4. Latest Environment Monitoring Reports (Annexure-3)
5. Corporate Environment Policy (Annexure-4)
6. Paper cutting of Public Notice regarding EC (Annexure-5)
7. Speed post document against EC granted intimation to local body (Annexure-6)

Thanking you.

Yours Sincerely



Manish Poddar

Giridhan Metal Private Limited

Jamuria Industrial Estate, Paschim Bardhaman, West Bengal

Email: giridhanmetal@gmail.com



GIRIDHAN METAL PRIVATE LIMITED

Jamuria Industrial Estate, Jamuria , Vill-Ikra & Damodarpur, Dist-Paschim Bardhaman, West Bengal

Name of the Project: Expansion of Steel Plant by expanding Sponge Iron from 1,20,000 TPA to 3,18,000 TPA, MS Billets from 1,05,000 TPA to 3,72,000 TPA, Rolling Mill from 1,00,000 TPA to 3,00,000 TPA, Submerged Arc Furnace (SAF) from 15,000 TPA to 30,000 TPA & Captive Power Plant from 16 MW to 42 MW including Waste Heat Recovery Boiler (WHRB) by Giridhan Metal Private Limited at Jamuria Industrial Estate, Village- Ikra & Damodarpur, Tehsil-Jamuria, District-Paschim Bardhaman, West Bengal

Clearance Letter/s No. and date: J-11011/366/2010-IA.II (I) dated 8th April, 2021

Period of Compliance Report: March 2021 to September 2021

Specific Conditions:		
Sl. No.	Condition	Compliance thereof
i)	Green belt shall be developed in 31.38 acres of land (40%) including the gap filling in the existing green belt with a tree density of 2500 trees per hectare.	We have started the plantation, till date we have 6157 nos of trees in boundary side. Now we are in project stage, and plantation area is already earmarked but due to construction of plant it is very difficult to alive. We are sampling wherever the place is available.
ii)	Closed type Submerged Arc Furnace with 4 th hole extraction system shall be installed.	We are installing Closed type Submerged Arc Furnace with 4 th hole extraction system.
iii)	1x350 TPD and 1x600 TPD DRI Kiln shall be installed. Remaining DRI Kilns as per existing EC accorded by MoEF&CC shall not be installed and 50 TPD DRI Kiln existing at the site shall be dismantled.	We have got the CTO for 1x350 TPD DRI Kiln. The project for another 600 TPD DRI is in progress. The dismantling job for 50 TPD DRI is in progress.
iv)	Project proponent shall meet the particulate matter emission norms in all stacks less than 30 mg/Nm ³ .	Noted and to comply the same we have installed 5 field ESP for 350 TPD DRI.
v)	The Project proponent shall comply with emission norms of PM, SO _x , NO _x and Mercury for captive power plant at stipulated in the gazette notification no. S.O. 3305 (E) dated 7/12/2015.	Noted and will be complied
vi)	PP shall be prepare implement an action plan giving annual improvement targets for resource conservation and environment improvement. This plan shall be monitored by the concerned Regional office of the MoEF & CC	Now we are in project stage, it will be taken care once project will be completed.
vii)	The heat rate of coal based power plant as specified by Central Electricity Authority shall be maintained and monitored	Noted and will be complied.
viii)	Energy efficient drives, VFD for auxiliary motors and slip power recovery system for motors above 1000 KW shall be provided.	All the motors of above 500 KW is well equipped with VFD, energy efficient drives.
ix)	PTFE Membrane bags shall be used in filter bag house and designed for 150% of normal design air flow.	Noted and we are following your instruction for every filter bag house.
x)	PP shall use ultralow NO _x burner with three stage combustion, flue gas recirculation and auto combustion control system. Shall use Post combustion control system	We have installed De SO _x and De NO _x system in FBC boiler. M/s ISGEC Heavy Engineering, Noida has

	(SCR/SCNR process) with NH ₃ monitoring when Ammonia is used.	assured for the same less than permissible standard. The letter is attached herewith as Annexure-1.
xi)	Project proponent shall undertake rain water harvesting and recharge the ground water. Level monitoring indicators for online real time measurement of rain water harvesting shall be provided.	We are considering all roofs of the plant under rain water harvesting from beginning stage. Now we are in construction stage and it will be complied.
xii)	Treated effluent shall be recycled and reused	Now we are in construction stage and it will be complied
xiii)	Air cooled condensers shall be used in CPP	Now we are in construction stage and it will be complied
xiv)	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stockyards shall also have garland drains to trap the run off material.	Now only 350 DRI is running and having impervious flooring stockyard. All stockyard shall have impervious floor and well equipped with water spray system and garland drain.
xv)	Jigging and briquetting Plant shall be installed.	Now we are in construction stage and it will be complied
xvi)	85-90% hot charging of billets shall be done. Balance heating can be done through RHF using LDO/FO as heating fuel.	Now we are in construction stage and it will be complied
xvii)	An affidavit shall be submitted to the Ministry as well as the regional office stating that observations made in the inspection report of Regional Office has been complied within three months from date of issue of the EC.	The affidavit has been made on 27 th July 2021, which is attached as Annexure-2.

General Conditions

I. Statutory compliance

Sl No.	Condition	Compliance thereof
i)	The Environment Clearance (EC) granted to the project/activity is strictly under the provisions of EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount construe to approvals/consent/permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted
II. Air quality monitoring and preservation		
i)	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to	We have installed continuous emission monitoring system for 350 DRI and data will be directly connected with CPCB server. This process is in progress.

	equipment supplier specification through labs recognized under Environment (protection) Act, 1986 and NABL accredited laboratories as revised CPCB guidelines dated August, 2018 REV 01.	
ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL, accredited laboratories.	We have monitored the fugitive emission in the plant premises by NABL accredited laboratory. The results are attached herewith as Annexure – 3.
iii)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating point including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards	Only 350 TPD DRI is now in operation stage, Appropriate Air Pollution Control (APC) systems have been provided for all the dust generating point.
iv)	The project proponent shall provided leakage detection and mechanized bag cleaning facilities for better operation bag houses.	Mechanized bag cleaning facilities with Purging facility is being adopted for better operation of bag houses. Also we are doing TPM (Autonomous Maintenance) in all pollution equipment.
v)	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.	Now we are using iron ore pellet as a raw material for 350 TPD DRI, so no iron ore fines generated. Coal and coke fines collected in pollution control devices will be reused in CPP through briquetting.
vi)	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	The entire conveyor (raw materials & products) are covered by canopy and transportation of raw materials & products are also doing in fully covered condition to prevent spillage and fugitive dust generation.
vii)	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Now we are in construction stage and it will be complied
viii)	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Now we are in construction stage and it will be complied
ix)	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars	Noted
III. Water quality monitoring and preservation		
i)	The proponent shall install 24×7 continuous effluent 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Now we are in construction stage and it will be complied
ii)	The project proponent shall monitoring regularly ground	Now we are in construction stage and it

	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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	will be complied
iii)	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Soak pit is connected with domestic waste water.
iv)	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277(E) 31 st March 2012 (applicable to IF.EAF) as amended from time to time	Now we are in construction stage and it will be complied
IV. Noise monitoring and preservation		
I)	Noise pollution shall be monitored as per the prescribed noise pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noise level survey is being carried out. The reports are attaching herewith in Annexure – 3 .
V. Energy Conservation measures		
i)	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED light etc., to minimize the energy consumption.	LED lights have been provided at entire offices as well as plant area also.
VI. Waste management		
i)	Used refractories shall be recycled as far as possible.	It will be complied
ii)	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Now we are in construction stage and it will be complied
iii)	Dolochar generated from DRI kiln shall be used for power generation.	Dolochar generated from DRI kiln shall be used in CFBC boiler for power generation.
iv)	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces.	Now we are in construction stage and it will be complied
v)	Kitchen waste shall be composed or converted to biogas for further use.	We are planning to install biogas plant
VII. Green Belt		
i)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	After completion of the project we will engage a third party to conduct the programme.
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.	Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan are being implemented.
ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and	Now we are in construction stage and it will be complied

	provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	
iii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational health surveillance of the workers is being done and records maintained as per Factory Act.
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 30/09/2020.	Agreed & will be complied
ii)	The company shall have a well laid down environmental policy duly approved 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 infringement/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and/ or shareholders/ 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.	We have a well laid down environmental policy duly approved by the Board of Directors. The policy is attached herewith as Annexure-4 .
iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of control of senior Executive, who will report directly to the head of the organization.	It is under planning stage
X. Miscellaneous		
i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it in at least two local newspapers of the District of 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.	M/s Giridhan Metal Private Limited has make public notice regarding environment clearance on 28 th April 2021 in two local news papers "Ei Samay" (vernacular language-bengali) and "Pravat Khabar" (Hindi). The scan copy of paper is attaching herewith as Annexure – 5 .
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.	The copy of environmental clearance has been submitted to Heads of local bodies of "Asansol Municipal Corporation" and "Asansol Durgapur Development Authority". The letter with speed post documents are attached herewith as Annexure – 6 .
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.	Agreed & will be complied
iv)	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient level as well as stack emissions) or critical sectoral parameters, indicated for	Agreed & will be complied

	the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	
v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on website of ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed & will be complied
vi)	The project proponent shall submit the environment statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Now we are in construction stage and it will be complied
vii)	The project proponent shall inform the Regional Office as well as Ministry, the date of financial closure and final approval of the project by the concern authorities, commencing the land development work and start of production operation by the project.	Shall inform
viii)	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.	Agreed and will be comply
ix)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Agreed & complied
x)	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
xi)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed
xii)	The Ministry reserves the right to stipulate addition conditions if found necessary. The company in the time bound manner shall implement these conditions.	Agreed
xiii)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing data/ information/ monitoring reports.	Agreed & complied
xiv)	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	Agreed



ISGEC HEAVY ENGINEERING LTD.

IJT BOILERS

Project Name : M/s. Giridhan Metal Private Limited (JB1171)

A-4, Sector-24,
Noida - 201 301 (U.P.) India
Tel.: +91-120-4085000 / 01 / 02
Fax: +91-120-4085100
www.isgec.com

Sox formation and it's Reduction method in CFB boiler

Sox formation

Sulfur oxides are the gaseous products of the oxidation of sulfur (mainly from fuel) by oxygen (from combustion air). The primary product of oxidation of the fuel sulfur is SO₂.

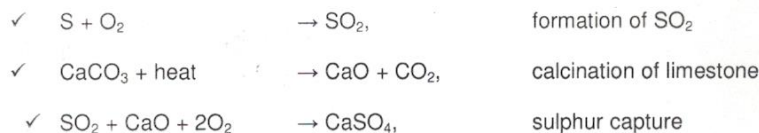
Descriptions and Features De SO_x System in CFB Technology:

CFB has been proven to be quite effective in the reduction of SO₂ emissions. Reduction of SO₂ emissions, in CFB is accomplished by the injection of limestone into the furnace. The CFB boiler is suitable for SO₂ reduction of 98% with the following features by injecting lime stone in the CFB furnace

- Appropriate Furnace temperature (Typically 870- 910Deg.C) is maintained throughout the furnace which is effective temperature range for better sulphur capture.
- Furnace is designed with adequate height to have adequate gas and sorbent residence time.
- The time of contact between the formed SO₂ and the capturing Ca is taken into account via the furnace residence time and the separator
- Limestone feed system is designed to have even distribution of limestone over the furnace cross section.
- Optimum particle size distribution of sorbent (Lime stone) shall be maintained for effective sulphur capture.
- Compact separator of CFB boiler which collects the unburnt solids particle and un reacted limestone particles of size above 63 microns which are sent back to furnace for effective utilization of limestone and capture

Process Description:

- The sorbent (Limestone) is calcined using a small amount of the heat generated by combustion of the fuel and can then react with gaseous sulphur to generate a solid sulphate (CaSO₄) which is either captured in the ESP or it is retained in the bed material and removed as bottom ash.
- The primary reactions involved in the generation and reduction of SO₂ emissions with calcium-based sorbents are:



Due to proven state of art CFB combustion technology with above method, the Sox produced is lesser than the permissible limit.



BOILERS

Isgec Heavy Engineering Ltd
Noida 201 301 (U. P.) India
CIN: L23423HR1933PLC000097



IJT BOILERS

ISGEC HEAVY ENGINEERING LTD.

Project Name : M/s. Giridhan Metal Private Limited (JB1171)

A-4, Sector-24,
Noida - 201 301 (U.P.) India
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Fax: +91-120-4085100
www.isgpec.com



NOx Emission control in CFB boiler

NOx emissions from CFB boilers are much lower when compared with emissions from other combustion technology.

NOx Formation and it's control method:

- **Combustion temperature** : At higher temperatures (in excess of 1100 °C) a fraction of the nitrogen in the combustion air also reacts with oxygen to form NOx. However, Due to the lower combustion temperature 870 – 910 °C found in fluidized bed combustion as opposed to temperatures in excess of 1100 °C encountered in other combustion systems, very little thermal NOx is formed which will be negligible.
- **Extent of air staging** : Reduction in NOx emissions results from the staged combustion utilized in CFB boilers. Staged combustion will take place effectively by means of Secondary air provided in Front & Rear walls of Combustor with multiple locations to avoid any NOx formation in flue gases.
- **Excess air level** : In addition to the Stoichiometric air required for Combustion of CFB Boilers, excess air is supplied for complete fuel oxidation in order to ensure proper combustion in Furnace to eliminate NOx.

Due to proven state of art CFB combustion technology with above precautions the NOx produced is lesser than the permissible limit.



BOILERS
sgec Heavy Engineering Ltd
Noida (U. P.) India

1905 1116 5 8



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL 56AB 940576

Before the Notary
Govt. of West Bengal
Burdwan District
Durgapur



BEFORE THE LD. NOTARY PUBLIC, GOVERNMENT OF WEST BENGAL
AT DURGAPUR.

AFFIDAVIT

I, **Mr. Sanjay Agarwal**, son of **Late Om Prakash Agarwal**, resident of Flat No. -
4D, Block-9 BD-37, **Rabindra Pally, Kestopor**, District - North Twenty Four
Parganas, West Bengal 700101; the Board of Directors of the **M/s Giridhan
Metal Private Limited** having its Registered Office at 39, Shakespeare Sarani,
3rd Floor, P.S. - Shakespeare Sarani, Kolkata - 700017, West Bengal; do here
by solemnly affirm and declare as follows :-



[Handwritten signature]

27 JUL 2021

27 JUL 2021

Serial No. 2001 Date 27 JUL 2021
Sold to J. Sarkar

Address 24 JUN 2021

Value of Stamps 69

Date of Purchase of this Stamp Paper 24 JUN 2021

from the Treasury

Name of the Treasury from where

Purchased, DURGAPUR.

Subrata Kumar Chakraborty
Stamp Vendor

A. D. S. R. Office, Durgapur-16

Licence No. 5 of 1989

REPUBLIC OF INDIA GOVERNMENT OF WEST BENGAL

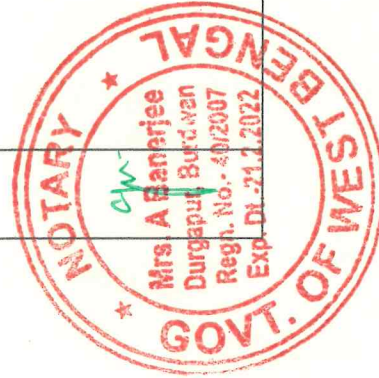
WEST BENGAL

WEST BENGAL

Subrata Kumar Chakraborty, son of Late Subrata Kumar Chakraborty, resident of Post No. 16, Block No. 24, Durgapur, District North 24 Parganas, West Bengal, 741001, the holder of Licence No. 5 of 1989, issued to him by the Government of West Bengal, Kolkata, on 05.07.1989, for the purpose of selling stamps, has applied for the cancellation of the said licence and has submitted the following details:

1. That Environment Clearance issued by the Ministry of Environment, Forest and Climate Change, New Delhi vide letter No. -11011/366/2010-IA. II(I) dated 2nd April 2012 and J-11011/366/2010-IA. II(I) dated 29th January 2020 (Transfer of Environment Clearance from M/s Damodar Ispat Limited. to M/s Giridhan Metal Private Limited) and Environment Clearance validity extension issued on 24th May, 2019 extended till 1st April, 2022 in favour of erstwhile company M/s Damodar Ispat Ltd. and now transferred in the name of our company that is the M/s Giridhan Metal Private Limited having its Registered Office at 39, Shakespeare Sarani, 3rd Floor, P.S. - Shakespeare Sarani, Kolkata – 700017, West Bengal.
2. That the project was monitored by Dr. Tandra Sarkar, Scientist-C, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kolkata - 700106, West Bengal, India and Dr. Sudeshna Biswas, Research Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kolkata - 700106, West Bengal, India on 29.01.2021 and during monitoring, I, Shri Sanjay Agarwal, Director, M/s Giridhan Metal Private Limited along with Shri J. N. Mukerjee, HOD (Environment), Shri C. C. Ghosh, Manager (Environment) and other Officials of M/s Giridhan Metal Private Limited were present at the site visit of the project and discussions held during monitoring and the Project Authorities (PAs) provided information accordingly. The Project is under process and is expected to be completed within validity period i.e. before 1st April, 2022.
3. That Certified Compliance Report with some observations issued by Dr. Tandra Sarkar, Scientist-C, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kolkata - 700106, West Bengal, India vide letter No. 102-410/20/EPE/07 dated 05.02.2021.
4. That I (Shri Sanjay Agarwal, Director, M/s Giridhan Metal Private Limited) am herewith submitting the point wise reply of the observations made by Dr. Tandra Sarkar, Scientist-C, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Kolkata - 700106, West Bengal, India vide letter No. 102-410/20/EPE/07 dated 05.02.2021 as follows:-

SL. NO.	OBSERVATIONS BY REGIONAL OFFICE AND INTEGRATED REGIONAL OFFICE, MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE	SUBMISSION ON BEHALF OF M/S GIRIDHAN METAL PRIVATE LIMITED AND PRAYER FOR CONSIDERATION
1.	Specific condition (v) : It is mentioned in that dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points, but it is observed the same is being partially complied by the PA.	The former company had only one 50 TPD DRI production unit. After transfer of EC (Environment Clearance) from M/s Damodar Ispat Limited to M/s Giridhan Metal Private Limited, the new management has stopped the 50 TPD DRI production since 04.02.2020 and the same has been intimated to The Chairman, CPCB and Eastern Regional Office, Ministry of Environment, Forest and Climate Change, Bhubaneswar. The letter is enclosed as Annexure-1. The project is now in construction phase for the present EC and company ensures dust suppression system and bag filters will be installed to control fugitive dust emissions at conveyor and transfer points, product handling, loading and unloading points.



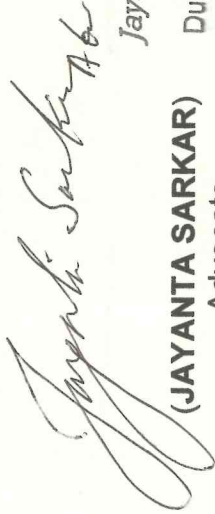
27 JUL 2021

2.	<p>Specific condition (xvi) : As proposed, green belt shall be developed in 33% of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO. Though the project proponent has done some plantation along the boundary line of the plant, it is not 33% yet.</p>	<p>33% of the existing plant area i.e., 13.34 acres (5.4 ha) has been earmarked and is being developed under greenbelt & plantation. Presently, 5533 trees i.e. ~1000 trees/ha have been planted. The company has also proposed expansion in their existing EC and as a part of expansion approx. 40% of the total plant area i.e. 31.38 acres (12.7 ha) will be developed under greenbelt & plantation by planting trees to the tune of 2500 trees/ha. Plantation schedule is enclosed as Annexure 2.</p>
3.	<p>General condition (xi) : The copy of the letter with respect to environment clearance letter marked to concerned Panchayat, Zila Parishad, Municipal Corporation / Urban Local Body, local NGO may be submitted to the Regional Office, Kolkata.</p>	<p>After taking over the assets of the former company, GPL could not locate the submission receipts of letter w.r.t. EC marked to concerned authority. The company ensures that on receipt of Environment Clearance of proposed expansion the letter will be positively marked to concerned Panchayat, Zila Parishad, Municipal Corporation/Urban Local Body, local NGO may be submitted to the Regional Office, Kolkata.</p>


5. That by virtue of this Affidavit, may consider my prayer in view of above submissions, kindly issue us a formal closure report on the observations marked in issued Certified Compliance Report.
6. That on behalf of the company assures to abide by the Rules & Regulations w.r.t. Environment and to comply all conditions stipulated in our Environment Clearance issued by Ministry of Environment, Forest and Climate Change, New Delhi.
7. That we hereby further state that we know that relying on the above representation and believing the same to be true.

That the above statements are true to the best of my knowledge and I sign and swear this affidavit on the 27th day of July, 2021, at Durgapur Court.

Identified by me,


(JAYANTA SARKAR)
 Advocate
 District Courts of Paschim Bardhaman

Jayanta Sarkar
 Advocate
 Durgapur Court

GIRIDHAN METAL PRIVATE LIMITED

(SANJAY AGARWAL)
 Director
 M/s Giridhan Metal Private Limited



Mrs. A. Banerjee, Notary
 Durgapur, Burdwan, W.B.,
 Regn No -40/2007 Govt of WB

A.B.
 Solemnly Affirmed & declared
 before me on identification

Solemnly Affirmed & declared
 before me on identification

Atah Banerjee
 Mrs. A. Banerjee, Notary
 Durgapur, Burdwan, W.B.
 Regn No -40/2007 Govt of WB

27 JUL 2021



Qualissure Laboratory Services

361, Prantick Pally, 45/361, Bose Pukur Road, Kolkata -700107
 Email : qualissure@gmail.com; info@qualissure.com ; Mob.No. 98312 87086 ; 9830093976



TC-6271

DOC NO : QLS/SAMP/08-B/00

TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	ULR No.	: TC62712100002783F
	Report No.	: QLS/A/21-22/C/531
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/531
	Sample Description	: Stack Flue Gas
	Date of Performance	: 18-22.11.2021
	Sample Mark	: DRI- 350TPD
Ref No. Date	: WS1601-007, Dated 01.06.2021	

Analysis Result

Date & Time of Sampling : 16.11.2021 at 12:10 P.M. Sampling done by : S.Ghosh	Sampling Procedures : EPA/IS		
A : General Information of Stack:			
1 Stack connected to	: Rotary Kiln Connected with DRI		
2 Emission due to	: Combustion of Coal & Reduction of Fe Ore		
3 Material of construction of Stack	: RCC		
4 Shape of Stack	: Circular		
5 Whether stack is provided with permanent platform	: Yes		
6 Generation Capacity	: Rated -350 TPD		
B : Physical Characteristic of Stack:			
1 Height of Stack from ground level	: 80.0 m		
2 Diameter of Stack at bottom	: ----		
3 Diameter of Stack at sampling point	: 4.0 m		
4 Height of the sampling point from ground level	: 35.0 m		
5 Area of Stack	: 12.57 m ²		
C : Analysis/Characteristic of Stack:			
1 Fuel used : Coal	2. Fuel consumption : 12.5 TPH		
D : Results of Sampling & Analysis of gaseous Emission:			
	RESULT	METHOD	LIMIT
1 Temperature of emission (°C)	: 110	EPA Part 2	---
2 Barometric pressure (mm of Hg)	: 747	EPA Part 2	---
3 Velocity of gas (m/sec)	: 7.84	EPA Part 2	---
4 Quantity of gas flow (Nm ³ /hr)	: 101452	EPA Part 2	---
5 Concentration of Carbon monoxide(%v/v)	: <0.2	IS:13270-1992, Reaf : 2017	---
6 Concentration of Carbon dioxide(%v/v)	: 8.2	IS:13270-1992, Reaf : 2017	---
7 Concentration of Sulphur dioxide (mg/Nm ³)	: 161.8	EPA Part-6	---
8 Concentration of Nitrogen dioxide (mg/Nm ³)	: 98.0	EPA Part-7	---
9 Concentration of Particulate Matters (mg/Nm ³)	: 18 at 12% CO ₂	EPA Part 5	100
E : Pollution Control Device :			
Details of pollution control devices attached with the stack	: ESP		
F : Remarks: Nil			
Note: 1) Equipment Name/ID	: Stack Sampler & Velocity.Monitor		
2) Model No	: APM-160		
3) Make-	: Lata Envirotech Services		
4) SI No-	: 82-DTF-2016		
5) Calibration valid Up to	: 11.08.2022		

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TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt. Ltd. Jamuria Industrial Estate, Damodarapur, Jamuria P.O.: Nandi, Paschim Bardhaman , Pin:713 344	ULR No.	: TC627121000002783F
	Report No.	: QLS/A/21-22/C/532
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/532(A-D)
	Sample Description	: Noise Monitoring
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Monitoring Result of Noise

Sampling Done By: S.Ghosh/J.Sahana				
Sampling Guideline : As per IS: 9876: 1981 (RA-2001)				
Sample No	Date of Monitoring	Location	Leq dB (A) Day Time	Leq dB (A) Night Time
532A	16-17.11.2021	Near Admin Building	60.8	50.4
532B		North East Side- (Fabrication Of Coal Shed)	64.3	51.6
532C	17-18.11.2021	South East Side (Fabrication Of Power Plant)	64.8	53.2
532D		Near Batching Plant Area	60.5	49.8

Code/ Category	Leq dB Day Time(A)	Leq dB Night Time(A)	NOTE: Day Time : 06.00 Hr. – 22.00 Hr. Night Time : 22.00 Hr. – 06.00 Hr.
A/Industrial	75	70	
B/Commercial	65	55	
C/Residential	55	45	
D/Ecological Sensitive	50	40	

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No.	: TC627121000002781F
	Report No.	: QLS/A/21-22/C/530
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/530
	Sample Description	: Fugitive Air
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Fabrication Yard Near Power Plant		Date of sampling : 16.11.2021	
Sampling Done by: S.Ghosh / J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	157	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	6.8	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	27.8	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	684	IS: 5182 (Part- 10)-2014
NOTE: ----			

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Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No.	: TC627121000002780F
	Report No.	: QLS/A/21-22/C/529
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/529
	Sample Description	: Fugitive Air
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Ferro Fabrication Yard		Date of sampling : 16.11.2021	
Sampling Done by: S.Ghosh / J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	146	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	7.3	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	28.4	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	629	IS: 5182 (Part- 10)-2014
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No.	: TC62712100002779F
	Report No.	: QLS/A/21-22/C/528
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/528
	Sample Description	: Fugitive Air
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Main Fabrication yard		Date of sampling : 16.11.2021	
Sampling Done by: S.Ghosh / J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	134	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	6.0	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	27.1	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	572	IS: 5182 (Part- 10)-2014
NOTE: ---			

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TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No.	:TC627121000002778F
	Report No.	: QLS/A/21-22/C/527
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/527
	Sample Description	: Fugitive Air
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : DRI Cooler Discharge		Date of sampling : 15.11.2021	
Sampling Done by: S.Ghosh / J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	143	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO_2) in $\mu\text{g}/\text{m}^3$	7.7	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO_2) in $\mu\text{g}/\text{m}^3$	27.6	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	664	IS: 5182 (Part- 10)-2014
NOTE: ---			

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TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No. : TC627121000002777F Report No. : QLS/A/21-22/C/526 Date : 22.11.2021 Sample No. : QLS/A/21-22/526 Sample Description : Fugitive Air Ref No. Date : GMPL/JMR/2019-20/03, Dt.31.03.2020
--	---

Analysis Result

Location : DRI Product House		Date of sampling : 15.11.2021	
Sampling Done by: S.Ghosh /J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	196	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	8.2	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	28.0	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	715	IS: 5182 (Part- 10)-2014
NOTE: ----			

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TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O. - Nandi, Paschim Bardhaman , Pin:713 344	URL No.	: TC627121000002776F
	Report No.	: QLS/A/21-22/C/525
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/525
	Sample Description	: Fugitive Air
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Near Ground Hopper Coal Crusher		Date of sampling : 15.11.2021	
Sampling Done by: S.Ghosh / J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)	
Environmental Condition : Clear & Sunny			
Sl. No.	Pollutants	Result	Method of Test Reference
1	Total Respirable Particulate Matter in $\mu\text{g}/\text{m}^3$	376	IS: 5182 (Part-23)- (RA-2017)
2	Sulphur dioxide (SO ₂) in $\mu\text{g}/\text{m}^3$	8.0	IS: 5182, Part-2 : (RA-2017)
3	Nitrogen dioxide (NO ₂) in $\mu\text{g}/\text{m}^3$	27.4	IS: 5182, Part- 6 : (RA-2017)
4	Carbon Monoxide (CO) in $\mu\text{g}/\text{m}^3$	664	IS: 5182 (Part- 10)-2014
NOTE: ----			

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt. Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O.- Nandi, Paschim Bardhaman, Pin:713 344	URL No.	: TC62712100002775P
	Report No.	: QLS/A/21-22/C/524
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/524
	Sample Description	: Ambient Air
	Sample Mark	: Near Weigh Bridge
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Near Weigh Bridge		Date of sampling : 16-17.11.2021		
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	POLLUTANT	RESULT	LIMIT	METHOD OF TEST REFERENCE
1	Particulate matter (<10µm) in µg/m ³	70	100	IS: 5182 (Part-23)- (RA-2017)
2	Particulate matter (<2.5µm) in µg/m ³	33	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.6	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO ₂) in µg/m ³	30.2	80	IS: 5182 (Part- 6)- 2001, (RA-2017)
5	Carbon Monoxide (CO) in µg/m ³	721	2000	IS: 5182 (Part- 10):1999, (RA-2014)
6	Ammonia (NH ₃) in µg/m ³	12.7	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O ₃) in µg/m ³	<19.62	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0
9	Nickel (Ni) in ng/m ³	7.2	20	EPA IO-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 22 nd Edition Part 3114B
11*	Benzene (C ₆ H ₆) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)
12*	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality. * Not in our NABL Scope				

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Name & Address Of the Customer : M/s. Giridhan Metal Pvt. Ltd. Jamuria Industrial Estate, Damodarapur, Jamuria P.O.- Nandi, Paschim Bardhaman, Pin:713 344	ULR No.	: TC627121000002774P
	Report No.	: QLS/A/21-22/C/523
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/523
	Sample Description	: Ambient Air
	Sample Mark	: Near Proposed Cooling Tower Power Plant (South Side)
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Near Proposed Cooling Tower Power Plant , South Side		Date of sampling : 15-16.11.2021		
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	POLLUTANT	RESULT	LIMIT	METHOD OF TEST REFERENCE
1	Particulate matter (<10µm) in µg/m ³	59	100	IS: 5182 (Part-23)- (RA-2017)
2	Particulate matter (<2.5µm) in µg/m ³	22	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	6.9	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.8	80	IS: 5182 (Part- 6)- 2001, (RA-2017)
5	Carbon Monoxide (CO) in µg/m ³	561	2000	IS: 5182 (Part- 10):1999, (RA-2014)
6	Ammonia (NH ₃) in µg/m ³	<10.0	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O ₃) in µg/m ³	<19.62	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0
9	Nickel (Ni) in ng/m ³	<4.0	20	EPA IO-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 22 nd Edition Part 3114B
11*	Benzene (C ₆ H ₆) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)
12*	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality. * Not in our NABL Scope				

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DOC NO : QLS/SAMP/08-A/00

TEST REPORT

Name & Address Of the Customer : M/s. Giridhan Metal Pvt. Ltd. Jamuria Industrial Estate, Damodarpur, Jamuria P.O.- Nandi, Paschim Bardhaman, Pin:713 344	URL No.	: TC627121000002773P
	Report No.	: QLS/A/21-22/C/522
	Date	: 22.11.2021
	Sample No.	: QLS/A/21-22/522
	Sample Description	: Ambient Air
	Sample Mark	: Admin Building
	Ref No. Date	: GMPL/JMR/2019-20/03, Dt.31.03.2020

Analysis Result

Location : Admin Building		Date of sampling : 15-16.11.2021		
Sampling Done by: S.Ghosh/J.Sahana		Sampling done as per : CPCB Guidelines (Volume-1)		
Environmental Condition : Clear & Sunny				
Sl. No.	POLLUTANT	RESULT	LIMIT	METHOD OF TEST REFERENCE
1	Particulate matter (<10µm) in µg/m ³	67	100	IS: 5182 (Part-23)- (RA-2017)
2	Particulate matter (<2.5µm) in µg/m ³	29	60	USEPA CFR-40,Part-50, Appendix-L
3	Sulphur dioxide (SO ₂) in µg/m ³	7.3	80	IS: 5182 (Part-2)-2001, (RA-2017)
4	Nitrogen dioxide (NO ₂) in µg/m ³	28.7	80	IS: 5182 (Part- 6)- 2001, (RA-2017)
5	Carbon Monoxide (CO) in µg /m ³	629	2000	IS: 5182 (Part- 10):1999, (RA-2014)
6	Ammonia (NH ₃) in µg/m ³	<10.0	400	Air Sampling , 3 rd Edn -Method-401
7	Ozone (O ₃) in µg/m ³	<19.62	180	Air Sampling , 3 rd Edn -Method-411
8	Lead (Pb) in µg/m ³	<0.02	1	EPA IO-3.2 & 5.0
9	Nickel (Ni) in ng/m ³	5.3	20	EPA IO-3.2
10	Arsenic (As) in ng/m ³	<1.0	6	Air Sampling , 3 rd Edn.Method 402 and APHA 22 nd Edition Part 3114B
11*	Benzene (C ₆ H ₆) in µg/m ³	<2.08	5	IS: 5182 (Part- 11)
12*	Benzo (a) pyrene in ng/m ³	<0.4	1	IS: 5182 (Part- 12)
NOTE: Limit as per CPCB notification, New Delhi, 18th November 2009, for Ambient air quality. * Not in our NABL Scope				

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GIRIDHAN METAL PRIVATE LIMITED

Registered Office : "PREMLATA" 39, Shakespeare Sarani, 3rd Floor, Kolkata - 700 017, West Bengal, India
 Telefax : +91 33 2289 2734 / 35 / 36, E-mail : giridhanmetal@gmail.com CIN : U27320WB2019PTC234675

GIRIDHAN METAL PRIVATE LIMITED CORPORATE ENVIRONMENTAL POLICY

For protection of environment and sustainable development, Giridhan Metal Private Limited is committed to abide by environmental norms and various conditions stipulated by the Govt of India during approval of projects at the central as well as at the state levels. In addition to this, Giridhan Metal Private Limited acknowledge the importance of the concept of inter-dependence of all sections of society. In particular, it focuses revolves around the community residing in the immediate vicinity of its steel manufacturing plant where it seeks to actively assist in improving the quality of life.

In line with its abiding concern for preservation of the ecological balance and safeguarding the health and environment of the community, Giridhan Metal Private Limited will always actively demonstrate its firm resolves to protect the environment and its deeply committed to its reputation and respect built over the years in industry and society for its professional of management based on philosophy of the best in business ethics. Giridhan Metal Private Limited has global commitments and also the guidelines on norms and directives of different State and Central Government of India, Giridhan Metal Private Limited has formulated the following Corporate Environmental Policy & Responsibility for effective implementation across the organization in its projects and integrated steel plant. The policy shall:

- a) Be appropriate to the nature and scale of the organization's activities, products and services and adopted at the Board level. It shall be documented, implemented, maintained and communicated to all persons working for the organization and on its behalf.
- b) Define a specific organisational structure for guidance & implementation.
- c) Ensure the required commitment from top management for the allocation of sufficient financial, human, organizational infrastructure and technology resources for its implementation.
- d) Shall be integrated with all stages of the project/activity cycle of the organization.
- e) Ensure environmental performance of all projects/activities over and above the applicable statutory requirements to which organization have to comply.
- f) Shall be aligned with policies and management systems of the organization including the Environmental Management System (EMS) or other environmental performance initiatives.
- g) Shall provide for incentives for its employees for achieving corporate environmental targets that go beyond statutory compliance and disincentives for failure to achieve this.
- h) Provide for monitoring and review of corporate environmental performance along with the reporting of non-compliance.
- i) Monitoring of implantation and review shall be at the level of the Board and the guidance of the Board shall be communicated to all concerned in writing for compliance. Together these shall comprise the corporate Environmental Performance Report, and shall be included in the Organisation's Annual Report.




GIRIDHAN METAL PRIVATE LIMITED

Registered Office : "PREMLATA" 39, Shakespeare Sarani, 3rd Floor, Kolkata - 700 017, West Bengal, India
Telefax : +91 33 2289 2734 / 35 / 36, E-mail : giridhanmetal@gmail.com CIN : U27320WB2019PTC234675

In addition to the above, Giridhan Metal Private Limited will strive to adhere to the following elements of its Corporate Environmental Policy:

- 1) Operate the manufacturing and other facilities in compliance with all applicable laws and regulations related to environment and health & safety of employees and surrounding communities.
- 2) Continually improve the environmental performance of organisational process and products through waste minimization and pollution abatement.
- 3) Minimize consumption of natural resources through the reduction, reuse or recycling of materials, as much as possible.
- 4) Encourage efficient use of energy, water and utilities
- 5) Purchase products and services as far as possible, that do the least damage to the environment on a life cycle basis.
- 6) Promote environmental awareness among the employees and encourage them to work in environmentally responsible manner.
- 7) Communicate the environmental commitment and performance of the organization to its clients, customers and the public.
- 8) Develop and maintain appropriate emergency and response programs where required by legislation or where significant health, safety or environmental hazards exist.

Develop and maintain greenery in and around its mines, plants and other project units.

Implementation of the Corporate Policy

Resources, Roles and Responsibility:

Giridhan Metal Private Limited shall have an organization structure to oversee the effective implementation of corporate Environment Policy. This structure shall define key responsibilities within the various levels of the organization for policy implementation and shall include involvement at all the levels throughout the organization. An Organization structure in this regard is shown below:

The management shall ensure availability of resources essential to implement the corporate environment policy across its all operational and project units. Resources shall include human resources, organizational infrastructure, technology and financial resources. Roles and responsibilities shall be defined and documented to facilitate the effective implementation of the environment policy.

As part of the existing Board structure, Audit & Compliance reporting team shall also oversee the environmental status inclusive of the conditions prescribed under various environmental consents and clearances, as and when obtained from various State and Central Govt authorities, as well as the corporate norms, standards and targets that exceed the legal compliance requirements.

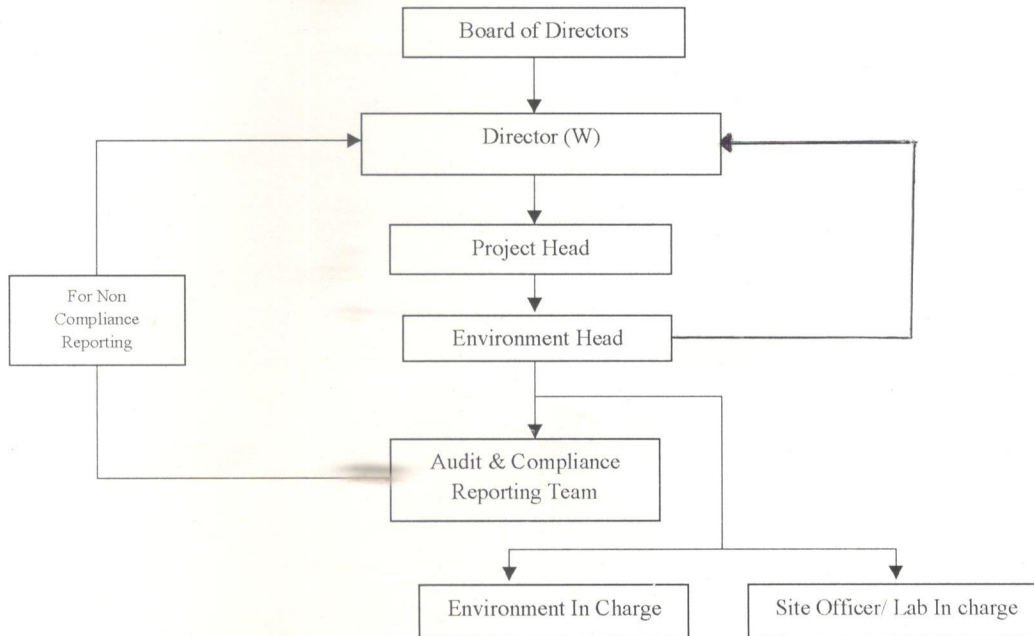
The below organizational structure Management Cell is responsible for any non-compliance/ infringement/ deviation/ violation of the environmental or forest norms under the supervision of Board of Directors.



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Documentation:

The policy shall be made available on the Giridhan Metal Private Limited's website and also be available in hard copy. The planning, implementation and monitoring of the organizational environmental performance shall be documented. All achieved milestones will be supported by documentary evidence in the form of photographs, monitoring records and /or reports, wherever applicable.

Transparency in the implementation of Environmental policy

Monitoring will be conducted periodically as per relevant norms framed by SPCB or MoEFCC or any other statutory authorities. It shall serve to drive accountability and transparency and provides for learning to implement in future initiatives. Giridhan Metal Private Limited shall implement a monitoring mechanism by its defined organizational structure with clear roles & responsibilities for every operational and project units by creating a register specifying all the regulatory compliances and clearance conditions that have been imposed by the Ministry or other public authorities. Giridhan Metal Private Limited shall also prepare Annual Environmental performance report and include it in its Annual Report.

The policy has been passed by the Board of Directors of Giridhan Metal Private Limited in compliance with the circular issued by Ministry of Environment, Forest and Climate Change. All issues related to Environment specifically non compliances be placed before the Board and the Head of the Plant should submit a report on the same before the ensuing meeting along with all the corrective measures taken thereon.



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Annexure – 1

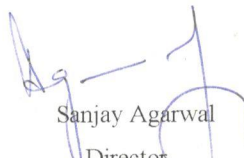
GIRIDHAN METAL PRIVATE LIMITED

Environment Policy

Protection of environment is of prime concern and an important business objective at Giridhan Metal Private Limited. With a leading role in providing services in Manufacturing industry value chain in India, Giridhan Metal Private Limited is conscious of its responsibility towards creating, maintaining and ensuring a safe and clean environment for sustainable development. In particular Giridhan Metal Private Limited is committed to;

- 1) Operate the manufacturing and other facilities in compliance with all applicable laws and regulations related to environment and health & safety of employees and surrounding communities.
- 2) Continually improve the environmental performance of organisational process and products through waste minimization and pollution abatement.
- 3) Minimize consumption of natural resources through the reduction, reuse or recycling of materials, as much as possible.
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- 9) Develop and maintain greenery in and around its mines, plants and other project units.

Date **04 MAR 2020**


Sanjay Agarwal
Director



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Date: 24.04.2021

To,
 The Chairman
 Asansol Durgapur Development Authority
 Asansol, Paschim Bardhaman, West Bengal

Ref: Environmental Clearance vide letter no. J-11011/366/2010-IA.II (I)
 dated 08/04/2021

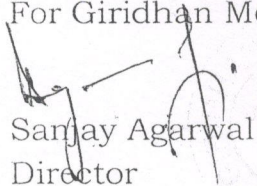
Dear Sir,

We have obtained Environmental Clearance for Expansion of our existing steel plant by expanding Sponge iron from 1,20,000 TPA to 3,18,000 TPA, MS Billets from 1,05,000 TPA to 3,72,000 TPA, Rolling Mill from 1,00,000 TPA to 3,00,000 TPA, Submerged Arc Furnace (SAF) from 15,000 TPA 30,000 & Captive Power Plant from 16 MW to 42 MW including Waste Heat Recovery Boiler (WHRB) at Jamuria Industrial Estate, Village - Ikra & Damodarpur, Tehsil - Jamuria, District - Paschim Burdwan, West Bengal from Ministry of Environment, Forest and Climate Change, Government of India.

As per the direction contained in the aforesaid Environmental Clearance (EC), kindly receive a copy of the letter J-11011/366/2010-IA.II(I) dated 8th April, 2021.

Thanking you,

Yours faithfully
 For Giridhan Metal Private Limited


 Sanjay Agarwal
 Director



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Date: 24.04.2021

To,
The Mayor
Asansol Municipal Corporation
Asansol, Paschim Bardhaman, West Bengal

Ref: Environmental Clearance vide letter no. J-11011/366/2010-IA.II (I)
dated 08/04/2021

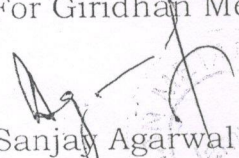
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As per the direction contained in the aforesaid Environmental Clearance (EC), kindly receive a copy of the letter J-11011/366/2010-IA.II(I) dated 8th April, 2021.

Thanking you,

Yours faithfully
For Giridhan Metal Private Limited


Sanjay Agarwal
Director

