



## MONGIA STEEL LIMITED

Regst. Office : Room No. 226, Kamalalaya Centre,  
156A, Lenin Sarani, Kolkata, West Bengal - 700013

E-mail : mongia@mongiasteel.com

Website : www.mongiasteel.com

CIN : U27107WB1995PTC235644

Dated: 06/07/2021

MSL/EC/2021-22/49

✓ To  
The Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Regional Office (ECZ),  
Bungalow No. A-2, Shyamali Colony, Ranchi-834002

Sub: Submission of half yearly compliance of Environmental Clearance issued vide letter no:  
EC/SEIAA/2014-15/569/2014/310 Ranchi, dated: 13/12/2018 by State Level Environment Impact  
Assessment Authority, Jharkhand

Sir,

Following documents are being furnished for your kind and needful perusal.

- Copy of Environmental Clearance
- Compliance of Environmental Clearance.
- Copy of Clearance issued by DFO (Wild life Division, Hazaribag)
- Copy of Clearance issued by DFO, Giridih East Division..
- Copy of Test Report stacks emission, ambient air, ambient noise & Fugitive air.
- Copy of ground water analysis report.
- Copy of Board Resolution for environment policy is attached herewith
- Copy of Environment Policy is attached herewith
- Responsibility matrix for the implementation of EMP and environmental conditions is attached herewith
- Copy of Manual effluent Monitoring Report

Hence, you are requested to kindly find the above and do the needful.

Thanking you

Faithfully yours

For Mongia Steel Limited

  
Director

Copy To

- ✓ 3) Sri R.C.Saxena (Scientist 'E' & Incharge)  
Central Pollution Control Board  
Southern Conclave, Block. 502  
5<sup>th</sup> & 6<sup>th</sup> Floors, 1582, Rajdanga Main Road, Kolkata: 700 107 (W.B.)
- 4) The Regional Officer,  
Jharkhand State Pollution Control Board,  
Matwari Road, Hazaribagh (Jharkhand)



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**State Level Environment Impact Assessment Authority, Jharkhand.**

Nursery Complex, Near Dhurwa Bus Stand, Dhurwa, Ranchi. Jharkhand-834 004.

E-mail: msseiaa.jhk@gmail.com; website: www.jseiaa.org

Letter No.- EC/ SEIAA/ 2014-15/ 569/ 2014/ 310

Ranchi, Date: 13.12.2018

To: **Shri L. B. Sinha,**  
(Sr. Manager),  
M/S Mongia Steel Limited,  
Budhiadih, Tundi Road,  
Dist. – Giridih,  
Jharkhand – 815302.

Sub.: Environmental Clearance for the project “Expansion cum Modernization of M/s Mongia Steel Ltd at at (Khata no. 57, 53, 58, 50, 41 & 45 and Plot no. 1373, 1374, 1403 to 1407, 1409 to 1411, 1429, 1430, 1444, 1446 to 1450 and 1452) at Vill.- Budhiadih, Dist. – Giridih, Jharkhand”.

Sir,

It is in reference to the project “Expansion cum Modernization of M/s Mongia Steel Ltd at at (Khata no. 57, 53, 58, 50, 41 & 45 and Plot no. 1373, 1374, 1403 to 1407, 1409 to 1411, 1429, 1430, 1444, 1446 to 1450 and 1452) at Vill.- Budhiadih, Dist. – Giridih, Jharkhand” submitted by you for seeking prior Environmental Clearances (EC).

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 05<sup>th</sup> & 06<sup>th</sup> November, 2018.

M/s Mongia Steel Limited located at (Khata no. 57, 53, 58, 50, 41 & 45 and Plot no. 1373, 1374, 1403 to 1407, 1409 to 1411, 1429, 1430, 1444, 1446 to 1450 and 1452 ) Budhiadih, Tundi Road, Giridih has setup 2 nos of Induction furnaces of 6 t capacity each. Out of these two one is stand by unit. This unit comes under Induction furnace division. Similarly there is Re-rolling division also. Induction furnace is producing MS Billet which is getting processed to TMT Bars. The Mongia Steel Limited was setup in the year 1996. The project was setup at land owned by company. The initial setup was made for Induction furnace and later on TMT Mill was added. The old name of M/s Mongia Steel Ltd. was Mongia Hi-tech (P) Ltd. The installed capacity of Induction furnace of M/s Mongia Steel Ltd. is to produce M.S. Ingot of 50 TPD and TMT Bars in Re-rolling Division is having production capacity of 10 MT/Day. This is an existing unit in the area of 31.29 acres of land. For proposed expansion & modernization, No additional land requirement & Raw water will be sourced from existing ground water sources within premise. As per estimate, water to the tune of 35 KLD (25 KLD existing) will be required. The estimated power requirement for the proposed expansion project is 15.0 MVA (existing 4 MVA), which will be sourced from DVC. Plant site lies in Lat: 24° 09’ 29.5” N Long: 86° 19’ 51.8” E. Giridih is the nearest railway station from the proposed plant site on, which is around 3.5 km from the proposed site. The indicated project cost is Rs 9.69 Crore.

Accordingly Mongia Steel Limited is seeking Environmental Clearance for the followings:-

Induction furnace (SMS) - 2 x 15 T  
There will be 2 cell stand by

**MONGIA STEEL LTD.**

**DIRECTOR**

Billet caster	-	1 x 2 strand (300 tpd)
TMT Mill	-	240 tpd
Strip Mill	-	60 tpd pipes & shutter strips.
Producer Gas Plant	-	As per requirement

The project authorities along with their consultant M/s Pollution and Ecology Control Services, Ranchi gave a detailed presentation on the EIA / EMP Report.

Green belt development plan was suggested to the proponent who agreed to plants the local variety of species in the site as well as article the area surrounding.

During the public hearing, the queries were related to dust pollution in the road, the proponent agreed to spray water on the road regularly and plant local tree species.

*The proposal was presented in SEAC on 17-18.05.18 in which further informations were sought as under -*

- i. *CO certificate regarding class of land (whether recorded as Jangal Jhari or not).*
- ii. *DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area.*

The documents related to the above mentioned discrepancies have been submitted and found to be satisfactory.

DFO, Giridih East vide letter no. 1434, dated - 18.06.18 certified that project site is not within 2699.34 m from notified forest and not within 10 km from National Park, Bio-Diversity & Sanctuary. The CO, Giridih vide memo no. 2622, dated - 10.09.18 has mentioned / certified that plot nos. of the project site is not recorded as "Jangle Jhari".

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its meeting held on 10<sup>th</sup> & 11<sup>th</sup> December, 2018 discussed the project proposal along with recommendations made by SEAC and decided to grant EC to the project.

Following the decision of SEIAA, as mentioned above, Environmental Clearance is hereby issued to the "Expansion cum Modernization of M/s Mongia Steel Ltd at at (Khata no. 57, 53, 58, 50, 41 & 45 and Plot no. 1373, 1374, 1403 to 1407, 1409 to 1411, 1429, 1430, 1444, 1446 to 1450 and 1452) at Vill.- Budhiadih, Dist. – Giridih, Jharkhand" alongwith the following conditions as recommended by SEAC.

**I. Specific Conditions :**

- i. This Environmental Clearance is valid subject to the following condition below –  
That this project has-
  - a. Obtained all legal rights to operate at concerned place.
  - b. Complied with all existing concerned laws of the land and
  - c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.

**II. Statutory Compliance :**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.



- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

### III. Air quality monitoring and preservation :

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.

- viii. 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.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

**IV. Water quality monitoring and preservation :**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF / EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards
- vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.
- vii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water practicing cascade use and by recycling treated water.



**V. Noise monitoring and prevention:**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**VI. Energy Conservation measures :**

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets/blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.
- iv. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- v. Provide the project proponent for LED lights in their offices and residential areas.

**VII. Waste management :**

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.
- iii. 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.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the
- v. Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- vi. Kitchen waste shall be composted or converted to biogas for further use. *(to be decided on case to case basis depending on type and size of plant)*

**VIII. Green Belt :**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.

**IX. 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.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**X. 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 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- 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 infringements/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.
- 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 senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**XI. 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 at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.



- 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.
- 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.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for 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 the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. 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 the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed

by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**XII. Other Conditions :**

- i. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
- ii. In view of MoEF & CC O.M. No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
- iii. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.

  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand.



Compliance of Environmental Clearance  
Issued vide letter no: EC/SEIAA/2014-15/569/2014/310 Ranchi, dated: 13/12/2018 by  
State Level Environment Impact Assessment Authority,  
Jharkhand  
MONGIA STEEL LIMITED  
(Prepared on 30/06/2021)

# Compliance of Environmental Clearance

Issued vide letter no: EC/SEIAA/2014-15/569/2014/310 Ranchi, dated: 13/12/2018 by

State Level Environment Impact Assessment Authority,

Jharkhand

MONGIA STEEL LIMITED

At: Burhiadih, P.O: Burhiadih, Tundi Road, Dist.: Giridih:

815302 (Jharkhand)

Compliance of Environmental Clearance  
 Issued vide letter no: EC/SEIAA/2014-15/569/2014/310 Ranchi, dated: 13/12/2018 by  
 State Level Environment Impact Assessment Authority,  
 Jharkhand  
 MONGIA STEEL LIMITED  
 (Prepared on 30/06/2021)

Sl No:	Conditions	Compliances
<b>(I)</b>	<b>Specific Conditions</b>	
	This Environmental Clearance is valid subject to the following conditions below That this project has <ol style="list-style-type: none"> <li>a. Obtained all legal rights to operate at concerned place.</li> <li>b. Complied with all existing concerned laws of the land and</li> <li>c. Complied with the decisions of SEIAA on the issue of Environmental clearance till date</li> </ol>	Agreed
II	Statutory Compliance:	
	i. The Project proponent shall obtain forest clearance under the provisions of forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	This unit has own land for which clearance from Divisional Forest Officer, Giridih (East) has been obtained clearly mentioning site outside forest land. Copy enclosed herewith.
	ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	As per the certificate issued by the Divisional Forest Officer Giridih (East) Division and Divisional Forest Officer, Wildlife Division Hazaribagh, there is no Sanctuaries, National Parks, Tiger Reserve or Biosphere Reserve or Elephant Corridor or other protected areas within the 10 km radius of the project site. Thus not applicable. Copy of clearance issued by Divisional Forest Officer Giridih (East) Division and DFO, Wildlife Division Hazaribagh are attached herewith for your perusal.



Compliance of Environmental Clearance  
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 MONGIA STEEL LIMITED  
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	<p>iii The project proponent shall prepare a site-specific Conservation plan &amp; Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be Implemented in consultation with the state Forest Department. The implementation report shall be furnished along with the Six-monthly compliance report. (In case of the presence of schedule-I species in the study area)</p>	<p>Species as per the Schedule-I, in the study area, have not been found hence project does not require preparing a site specific conservation plan &amp; wildlife Management plan.                  As per the clearance issued by forest department there is no Sanctuaries, National Parks, Biodiversity protected Area situated within a radius of 10 km of project.</p>
	<p>iv The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Board / Committee.</p>	<p>Unit has obtained Consent to Establish vide reference no: JSPCB/HO/RNC/CTE-3579450/2019/294 DATED 01/05/2019 and Consent to Operate vide reference no: JSPCB/HO/RNC/CTO-8002611/2020/1612 DATED 30/09/2020 valid up to 30/06/2021 from Jharkhand State Pollution Control Board, Ranchi.</p>
	<p>V The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.</p>	<p>Agreed. Unit has obtained permission to abstract ground water from the Central Ground Water Authority (CGWA) vide Reference no: FILE NO: CGWBMER/CGWA/NOC/2019-299 dated 11/05/2020</p>
	<p>vi The project proponent shall obtain authorization under the Hazardous and other Waste management Rules, 2016 as amended From time to time.</p>	<p>Unit has obtained authorisation under Hazardous and other waste management rules, 2016. Vide reference no:JSPCB/HO/RNC/HWM-1664235 DTD 05/02/2020 valid upto 30/06/2022</p>
<p>iii.</p>	<p>Air quality monitoring and preservation :</p>	
	<p>i The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E)</p>	<p>This is a secondary Metallurgical industry where No Ore is required. This is also listed under category 'B' in EIA Notification 2006.                  This unit does not come under the 17categories/ Integrated Iron &amp; steel plant of highly polluting industries. Hence, this unit does</p>



Compliance of Environmental Clearance  
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 MONGIA STEEL LIMITED  
 (Prepared on 30/06/2021)

<p>dated 7<sup>th</sup> 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.</p>	<p>not require to install 24X7 continuous emission monitoring system at process stack to monitor stack emission. S.O.3305 (E) dated 7<sup>th</sup> December, 2015 indicates compliance for Thermal Power Plants. As our unit is not a thermal power plant, compliance of this condition is not required.</p>
<p>ii. The project proponent shall monitor fugitive emission in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.</p>	<p>Agreed. Monitoring test of fugitive emission for qtr from January 2021 to March 2021 and qtr from April 2021 to June 2021 has been carried out by NABL accredited laboratories.</p>
<p>iii. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each ), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous )</p>	<p>This unit is small unit hence; Ambient Air Quality is monitored annually as per the conditions laid down in CTO issued by JSPCB. Further, AAQMS for parameter PM10, with the connectivity of JSPCB and CPCB server already been installed.</p>
<p>iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of the air quality/fugitive emission to Regional Office of MoEF &amp; CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p>	<p>This unit is small unit where operations are not continuous. It is economically not viable for such small unit. <b>Manual stack Monitoring &amp; AAQR</b> is carried out annually and its report is submitted to the JSPCB. Further, Above monitoring reports are attached herewith for your reference.</p>
<p>v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.</p>	<p>Appropriate air pollution control devices have already been provided at all dust prone and vulnerable sources in the factory premises. Adequate numbers of Bag filters with the stack have already been installed. Addition of above, adequate numbers of fix water sprinklers has already been installed and functioning</p>



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		regularly.
	vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	All the appropriate facility for leakage detection and mechanised cleaning of bags has been provided and further it will be advanced.
	vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Now, cleaning of plant roads and other area of plant is maintained manually. In future, mobile or vacuum cleaner system shall be implemented.
	viii. 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.	This unit has Rolling Mill & Induction Furnace where Iron ore fines are not used. Coal including its fines is used in Producer gas unit. Other fines will be used in fly ash bricks unit. i.e. in our sister concern unit M/s Santpuria Alloys Pvt Limited, Giridih. In the expansion phase, hot charging rolling mill will be installed and use of coal will be abolished.
	ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Agreed. Transportation of coal & other raw material is done under covered system. These are fully covered with tarpaulin during transportation.
	x. The project proponent shall provide covered sheds for raw materials like scarp and sponge iron, lump ore, coke, coal etc.	All the Raw materials are stacked under the permanent shade which is fully fenced to prevent from wind.
	xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Agreed. Fume Extraction system has already been installed at all melting furnaces. It is being maintained as per norms.
	xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.	Agreed.
IV.	Water quality monitoring and preservation:	
	i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 277(E) dated 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time: S.O.3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as	This unit is small unit where operations are not continuous. <b>Manual effluent Monitoring</b> is carried out annually and its report is submitted.

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	amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)	
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Agreed. Copy of ground water quality report is attached herewith for your reference.
iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	This unit is small unit where operations are not continuous. <b>Manual effluent Monitoring &amp; Ground water monitoring</b> is carried out annually and its report is submitted to the JSPCB. Further, Above monitoring reports are attached herewith for your reference.
iv.	Adhere to 'Zero Liquid Discharge'.	Agreed. No effluent discharge outside premises
v.	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	N.A. Very small quantity of domestic and sanitary waste water. Being disposed to septic tank-soak pit combination
vi.	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R.277 (E) 31 <sup>st</sup> March,2012(applicable to IF/EAF) as amended from time to time.	Agreed.
vii.	Garland drains and collected pits shall be provided for	Agreed. Garland and collected pits have already been



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	each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run-off.	constructed. Further, it will be advanced.
	viii. The project proponent shall practice rainwater harvesting to maximum possible extent.	Agreed. Roof top rain water harvesting cum artificial recharge of ground water has already been developed .
	ix. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practice cascade use and by recycling treated water.	Agreed. Here, water is used for cooling purpose only and make-up water is added in water circulation system. Further, advance and possible steps to minimise the water consumption must be taken.
V.	Noise monitoring and prevention:	
	i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agreed. Test report is being submitted six monthly. Test report is attached herewith.
	ii. The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dB (A) during day time and 70 dB(A) during night time.	Agreed. Ambient noise level report confirm to standards prescribed under E (P) rules. 1986 viz 75dB (A) during day time and 70 dB during night time will be maintained. Test report for ambient noise level recently monitored in this unit is attached here with for your ready perusal.
VI.	Energy Conservation measures :	
	i. The Project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnace	Producer gas is used in re-heating furnace to heat the billets. Recuperator is attached with Producer gas unit & re-heating furnace which recover the waste heat. The heat recovered by recuperator is used to preheat combustion air to a furnace Hence, there is no requirement to install additional waste heat recovery system.
	ii. Practice hot charging of slabs and billets/blooms as far as possible.	We have already stepped towards install of hot charging rolling mill. For this purpose, TOR from the office of the SEIAA, Jharkhand has been approved. Thereafter we are very eagerly trying to get EC. After getting EC, unit for hot charging of Billets will be installed.

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	iii. Ensure installation of regenerative type burners on all reheating furnaces.	At present producer gas is used in re-heating furnace to heat the billets and recuperator unit is attached with the producer gas unit and re-heating furnace which recover the waste heat. The heat recovered by recuperator is used to preheat combustion air to a furnace.
	iv. Provide solar power generation on roof tops of building, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Agreed. Solar power generation on roof top has been installed.
	v. Provide the project proponent for LED lights in their offices and residential areas.	Agreed. LED lights, in offices and residential area inside the plant have already been provided.
VII.	Waste management	
	i. Used refractories shall be recycled as far as possible.	Agreed.
	ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried and briquetted and reused melting furnaces.	Agreed
	iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and bricks manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	N.A. There no fly ash is generated in this unit.
	iv. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste ( Management & Trans boundary Movement ) rules, 2016	Agreed.
	v. Kitchen waste shall be composed or converted to biogas for further use. (to be decided on caste to case basis depending on type and size of plant)	NA
VIII.	Green Belt :	
	i. Green belt shall be developed in an area equal to 33% of	Agreed. Green belt development works to occupy almost 33% of



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	the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	the plant area is going on. It will be achieved within 3 years. Further, we assure to maintain and efforts for increasing the plantation will be going on. Addition of premises of Mongia Steel one premises of approx 9 acres has been developed as green belt.
	ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.	This being a secondary metallurgical industry- where it is felt that Green House gas Emission Inventory should not be applicable for unit.
IX.	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.	Agreed. Emergency plan as per factories act 1948, Jharkhand factories Rules, 2001, Control of Industrial Major Accidents Hazardous Rules 1990, Hazardous Wastes (Management and Handling) Rules 1980 & Environment (Protection) Act 1986, duly certified the factory department has been prepared. And implemented.
	ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Heat stress analysis has been already been carried out. All the workmen have already been provided personal protection equipment (PPE) viz safety boots, safety goggles, safety helmets and apron etc as per the Factory Act.
	iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed.
X.	Corporate Environment Responsibility :	

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	<p>i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.</p>	<p>Agreed. Most of works, contained in CER as per the Ministry's OM vide F.No: 22-65/2017-IA.III dated 1<sup>st</sup> May, 2018, is being carried out viz health check -up, education etc.                  Details of activity as per corporate environmental responsibility are furnished hereunder:</p> <ul style="list-style-type: none"> <li>• Maintenance of village roads, in the locality</li> <li>• Construction of tube well in the neighboring villages.</li> <li>• Supply of pipe line water in the neighboring villages</li> <li>• Renovation of school Building and Anganbadi Kendra in the locality.</li> <li>• Vocational Training Centre, for local youths.</li> <li>• Construction &amp; maintenance of community centre.</li> <li>• Organizing Health Camp (Blood donation, Eye Check up, Child Health etc) &amp; Ambulance service for the surrounding population.</li> <li>• Distribution of blanket, shoes umbrellas etc to needy and poor people.</li> <li>• Scholarship for higher education.</li> </ul> <p>And other details enclosed in a separate sheet.</p>
	<p>ii. The company shall have a well laid down environment policy duly approved by the Board of Directors. The environment policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest wildlife 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</p>	<p>Copy of Board Resolution for environment policy is attached herewith</p> <p>Copy of Environment Policy is attached herewith.</p>



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	resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.							
	iii. A separate Environment Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Agreed.						
	iv. Action plan for implementation EMP and environment conditions along with responsibility matrix of the company shall be prepared and shall be dully approved by competent authority. The year wise funds earmarked for environment protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.	Responsibility matrix for the implementation of EMP and environmental conditions is attached herewith. Details of year wise progress/expenditure on environmental protection measure are here under: <table style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Year</th> <th style="text-align: right;">Amount (INR)</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td style="text-align: right;">Rs.17,98,790.00</td> </tr> <tr> <td>2020 (up to Augus,2020)</td> <td style="text-align: right;">Rs.17,77,000.00</td> </tr> </tbody> </table>	Year	Amount (INR)	2019	Rs.17,98,790.00	2020 (up to Augus,2020)	Rs.17,77,000.00
Year	Amount (INR)							
2019	Rs.17,98,790.00							
2020 (up to Augus,2020)	Rs.17,77,000.00							
	v. Self-environment audit shall be conducted annually. Every three years third party environment audit shall be carried out.	Agreed & Carried out.						
	vi. All the recommendation made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	NA						
	vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act,	Occupational health surveillance of the workers is carried out on a regular basis. Records are maintained as per the factory act.						
XI.	Miscellaneous :							
	i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their	Agreed. Published on 27/12/2018 in 1) Prabhat Khabar, Dhanbad publication & 2) Dainik Bhaskar, Dhanbad publication. Website						

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	cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	has already been prepared i.e. <a href="http://www.mongiasteel.com">www.mongiasteel.com</a> . EC with its conditions has already been uploaded in unit's website.
ii.	The copies of the environmental clearance shall be submitted by the project proponent 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.	Copy of EC has been provided to the District Industries Centre, Giridih & ward Local Body of Giridih.
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.	Status of compliance condition EC has been uploaded in company's website. Company's website: <a href="http://www.mongiasteel.com">www.mongiasteel.com</a> Monitored data has also been uploaded.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Monitored data has been displayed at Main gate of the unit for disclosure to the public and uploaded in 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 the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed. Now this facility is not available in website.



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	vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Agreed. Environment statement for the existing unit is being submitted in the JSPCB within the stipulated time. Also uploaded in website of company.
	vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Agreed.
	viii. The project authorities must strictly adhere to the stipulations made by the state pollution Control Board and the State Government.	Agreed.
	ix. The 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.
	x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).	Agreed.
	xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
	xii. The Ministry may revoke or suspend the clearance, if	Agreed.

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	implementation of any of the above conditions is not satisfactory.	
	xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed.
	xiv. 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 the requisite data/information /monitoring reports.	Agreed.
	xv. The above conditions shall be enforced, inter-alia under the provisions of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement ) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / high Courts and any other Court of Law relating to the subject matter.	Agreed.
	xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed.
XII	Other conditions:	
	i. The authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of authority or for that matter for any other	Agreed.



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	administrative reason.	
ii.	In view of MoEF & CC O.M No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance Accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.	Agreed.
iii.	In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.	Agreed.

For Mongia Steel Limited.

**MONGIA STEEL LTD.**

Director

  
**DIRECTOR**



## Department of Forest, Environment and Climate Change

### Report of Distance from Notified Forest, National Park, Sanctuary & Eco-Sensitive Zone

Name Of mONGIA STEEL  
 Applicant LIMITED  
 Institution Non Government  
 Type  
 Email ID mongiasteel@gmail.com Contact no.: 9534206383

#### Location of Proposed Land

District Giridih Battery Point INDUCTIONFURNACE  
 Thana No.: 234 Thana Name: DANDIDIH  
 Khata No.: 57,53,58,50,41,45 Khesra Name: 1429,1430,1447,1448,1449,1450,1452,1404,1405,1406,1409,1410,1411,1443,1444,1445,1446,1403,1374,1407,1373,1404

#	Checkpoint	Protected Area	Divisional Forest Officer	Range Forest Officer
1	Whether the proposed land falls outside notified forest boundary or not? *	Yes	Yes	
2	Distance of Battery Point from Notified Forest land (meters)	24048	24048	
3	Is there any National Park situated within a radius of 10 km from the battery point? *	No	No	
4	Is there any Wildlife Sanctuary situated within a radius of 10 km from the battery point? *	No	No	
5	Is the proposed project situated in any Eco Sensitive Zone? *	No	No	
6	Is there any notified Bio-Diversity area within a radius of 10 km from the battery point? *	No	No	

Division DFO Wildlife Hazaribagh

Letter No. 1396

Date of issue 20.7.19

Signature [Signature]

Name 20.7.19

Divisional Forest Officer  
 Hazaribagh Division Hazaribagh

अभ्युक्ति :-

आवेदक MONGIA STEEL LIMITED MOUJA :DANDIDIH (BURHIADIH),P.O.: BURHIADIH, TUNDI ROAD, GIRIDIH, DISTRICT: GIRIDIH का उपरोक्त वर्णित बैट्री प्वाइंट का वन प्रमण्डल पदाधिकारी, गिरिडीह पूर्वी वन प्रमण्डल के द्वारा निर्गत पत्रांक- 1434 दिनांक 18.06.2018 द्वारा अधिसूचित वन सीमा से दूरी 2699 मीटर है तथा उपरोक्त सूचना आवेदक द्वारा समर्पित GPS Co-ordinate (Lat. 24° 09' 29.5" N, Long 86° 19' 51.8" E) एवं वन क्षेत्र पदाधिकारी, वन्यप्राणी प्रक्षेत्र, गिरिडीह द्वारा आवेदित स्थल के भौतिक सत्यापन के आलोक में पारसनाथ वन्यप्राणी आश्रयणी सीमा (प्रस्तावित स्थल से निकटतम अभ्यारण्य) से वायुकिय दूरी 24048 मीटर पर अवस्थित है।

MONGIA STEEL LTD.

[Signature]  
 DIRECTOR

[Signature]  
 वन प्रमण्डल पदाधिकारी  
 वन्यप्राणी प्रमण्डल, हजारीबाग





## कार्यालय, वन प्रमण्डल पदाधिकारी, गिरिडीह पूर्वी वन प्रमण्डल।

मोहनपुर, पोस्ट-पचम्बा, जिला-गिरिडीह, पीन कोड-815316

email-dfogir@gmail.com. Phone No.-06532-222127

पत्रांक- 1679 दिनांक- 26-07-2017

सेवा में,

मोंगिया स्टील लिमिटेड,  
बुढियाडीह, टुण्डी रोड,  
गिरिडीह।

विषय - Information related to Environment clearance for expansion cum modernization of M/S Mongia Steel Limited, At-village Bhdhiadih, Giridih (Jharkhand).

प्रसंग - आपका पत्रांक- 69 दि-23.06.2017

महाशय,

उपर्युक्त विषयक प्रासंगिक आवेदन के आलोक में सूचित करना है कि विषयोक्त आवेदित स्थल का स्थलीय जांच वन क्षेत्र पदाधिकारी, गिरिडीह वन प्रमण्डल के द्वारा किया गया। जांचोपरान्त पाया गया कि :-

1. विषयोक्त आवेदित क्षेत्र के 10 कि०मी० की परिधि में कोई नेशनल पार्क स्थित नहीं है।
2. विषयोक्त आवेदित क्षेत्र के 10\*कि०मी० की परिधि में अभ्यारण्य स्थित नहीं है।
3. विषयोक्त विषयोक्त आवेदित क्षेत्र के 10 कि०मी० की परिधि में कोई घोषित जैव-विविधता क्षेत्र नहीं है।

सूचनार्थ प्रेषित।



विश्वासभाजन,

26/07/17  
वन प्रमण्डल पदाधिकारी,  
गिरिडीह पूर्वी वन प्रमण्डल।

25-07-17

25/7/17

MONGIA STEEL LTD.

*[Signature]*  
DIRECTOR



ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand - 834012.

Email ID - info@iemranchi.com, Mob. No - 8407804251, 8407804252, 8407804254

Client Name & Address:

Mongia Steel Limited, At: Mouja Dandidih, PO: Burhiadih, Tundi Road, Gindih, Dist: Gindih

Sample Details:

Type of Industry: Steel Plant
Sample Description: Stack Emission
Sampling Date: 15-04-2021
Sampling Location: Reheating Furnace at Rolling Mill
Ladder/Platform: Yes
Weather Condition: Haze
Customer Rept: Mr. L. B. Sinha
Sample Drawn By: Shashi & team

Test Report No: IEM/EEL/RAN/STACK/0422C

Application No: 10422052, Date: 13/04/2021, Time: 06:37

Report Issue Date: 24/04/2021

Protocol: IS Method & CPCB Guideline

General Physical Information

Table with 3 columns: S.No., Description, and Value. Rows include Plant Condition (Running), Emission Due to (Combustion of Producer Gas), Stack Height (30 m), Port Hole Height (15 m), Shape of Stack (Circular), Inner Dimension (0.6 m), Stack Connected to (Reheating furnace at Rolling Mill), Type of Fuel Used (Producer Gas), Pollution Control Device (none), and ID Fan Capacity (none).

Flue Gas Emission Analysis

Table with 4 columns: Sl. NO., Parameters, Protocol, and Result. Rows list parameters like Flue Gas Temperature (172), Absolute Stack Gas Pressure (747), Flue Gas Velocity (7.51), Stack Gas Volumetric Flow Rate (5005), Particulates Matter (86.91), SO2 Concentration (58.27), NOx Concentration (36.08), and Carbon Dioxide Concentration (6.5).

Emission Rate

Table with 3 columns: Parameter, Unit, and Rate. Rows show Dust (0.43 Kg/hr), Sulphur Dioxide (0.29 Kg/hr), and Oxide of Nitrogen (0.18 Kg/hr).

---End of Report---

MONGIA STEEL LTD

Signature of Director

DIRECTOR

Signature of Analyst
Tested by Analyst

Signature of Sanku Kumar Singh

Sanku Kumar Singh

(In Charge / Technical Manager)

Signature of Dr. S. C. Jain

Authorized Signatory (Dr. S. C. Jain) Director & QC Manager

Note: 1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.





# INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

**ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation**

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.

Email ID – [info@iem.academy.com](mailto:info@iem.academy.com), Mob. No. – 8407804251, 8407804252, 8407804254

**Client Name & Address:**

Mongia Steel Limited, At: Mouja Dandidih,  
PO. Burhiadih, Tundi Road, Giridih,  
Dist. Giridih.

**Sample Details:**

Type of Industry: Steel Plant  
Sample Description: Stack Emission  
Sampling Date: 15-04-2021  
Sampling Location: Induction Furnace via  
Bag Filter Stack

Ladder/Platform: Yes

Weather Condition: Haze

Customer Rept: Mr. L B Sinha

Sample Drawn By: Shashi & team

**Test Report No:** IEM/EEL/RAN/STACK/0422D

Application No: 10422052, Date: 13/04/2021, Time: 06:37

Report Issue Date: 24/04/2021

Protocol: IS Method & CPCB Guideline

### General Physical Information

1.	Plant Condition	M.S. Billets Mfg. Unit
2.	Emission Due to	Process Activity
3.	Stack Height from Ground Level in Meter	30 m
4.	Port Hole Height from Ground Level in Meter	10 m
5.	Shape of Stack	Circular
6.	Inner Dimension of Stack	0.9 m
7.	Stack Connected to	Induction Furnace via Bag Filter
8.	Type of Fuel Used	Electricity
9.	Pollution Control Device if any	Bag Filter
10.	ID Fan Capacity	

### Flue Gas Emission Analysis

Sl. NO.	Parameters	Protocol	Result
1.	Flue Gas Temperature (°C)	IS 11255 (Part-3)	56
2.	Absolute Stack Gas Pressure (mm Hg)	CPCB Guideline	747
3.	Flue Gas Velocity (m/s)	IS 11255 (Part-3)	7.39
4.	Stack Gas Volumetric Flow Rate (Nm <sup>3</sup> /hr)	IS 11255 (Part-3)	14921
5.	Particulates Matter (mg/Nm <sup>3</sup> )	IS 11255 (Part-1)	116.75
6.	SO <sub>2</sub> Concentration as SO <sub>2</sub> (mg/Nm <sup>3</sup> )	IS 11255 (Part-2)	15.37
7.	NO <sub>x</sub> Concentration as NO <sub>x</sub> (mg/Nm <sup>3</sup> )	IS 11255 (Part-2)	<5
8.	Concentration of Carbon Dioxide (%)	IS 13270	2.9

### Emission Rate

Dust	Kg/hr	1.74
Sulphur Dioxide	Kg/hr	0.22
Oxide of Nitrogen	Kg/hr	<0.07

**MONGIA STEEL LTD.**

---End of Report---

Tested by  
Analyst

*(Signature)*  
**DIRECTOR**

*(Signature)*  
Checked By  
(Sunil Kumar Singh)

(Lab. in charge cum. Technical Manager)

*(Signature)*  
Authorized Signatory  
(Dr. S. C. Jain)  
(Director & QC Manager)

Note: -1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



# INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

## ECO ENVIRONMENTAL

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand - 834012.

Email ID - [info@iem.co.in](mailto:info@iem.co.in), Mob. No - 8407804253.

### Client Name & Address:

Mongia Steel Limited, At Mouja Dandidih,  
PO Burhiadih, Tundi Road, Giridih,  
Dist. Giridih.

### Sample Details:

Type of Industry: Steel Plant  
Sample Description: Ambient Air  
Sampling Date: 14/04/2021-15/04/2021  
Sample Registration Date: 16/04/2021  
Customer Rept.: Mr. L.B. Sinha  
Sample Drawn By: Shashi & team

Test Report No: IEM/EEL/RAN/AAQ/0422A

Application No: 10422052, Date: 13.04.2021, Time: 06:37

Report Issue Date: 24/04/2021

Protocol: IS Method & CPCB Guideline

### METEROLOGICAL INFORMATION

Average Temp (°C)	Average Relative Humidity (%)	Average Barometric Pressure (mm of Hg)	Weather Condition	Wind Direction
33	42	747	Haze	N

### Concentration in Ambient Air (Industrial, Residential, Rural and Other Area)

Time Weighted Average- 24 Hours

Parameters	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )
Method Name	Improved West & Gaeke method	Jacob & Hochheiser Modified Method	Gravimetric Method	Gravimetric Method
NAAQMS/36/2012-13	IS 5182 (Part-02)	IS 5182 (Part-06)	IS 5182 (Part-23)	Lab SOP No. 02 based on CPCB Guideline

Location	Sampling Point Co-ordinate	Concentration in Ambient Air as per NAAQS- 2009 For 24 Hours			
Near Main Entry Gate	24° 9'30.97"N	80	80	100	60
	86° 19'41.55"E	21.10	33.29	93.41	56.04
Near Control Room (Induction Unit)	24° 9'29.58"N	18.35	31.56	87.13	52.27
	86° 19'30.83"E				
Beside Store Room (Near Rolling Mill)	24° 9'36.97"N	18.00	30.83	81.67	49.02
	86° 19'35.55"E				

---End of Report---

**MONGIA STEEL LTD.**

**DIRECTOR**

Tested by  
Analyst

Checked By  
(Sunil Kumar Singh)  
(Lab In charge cum Technical Manager)

Authorized Signatory  
(Dr. S. C. Jain)  
(Director & QC Manager)

Note: -1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.





ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand - 834012.

Email ID - info@iem.org.in, Mob. No. - 8407804253

**Client Name & Address:**

Mongia Steel Limited, At Mouja Dandidih,  
PO. Burhiadih, Tundi Road, Giridih,  
Dist. Giridih.

**Sample Details:**

Type of Industry: Steel Plant  
Sample Description: Ambient Noise  
Sampling Date: 14/04/2021-15/04/2021  
Sample Registration Date: 16/04/2021  
Customer Rept: Mr L. B. Sinha  
Sample Drawn By: Shashi & team

**Test Report No:** IEM/EEL/RAN/AAQ/0422B

**Application No:** 10422052 Date: 13/04/2021, Time: 06.37

Report Issue Date: 24/04/2021

Protocol: IS Method & CPCB Guideline

METEROLOGICAL INFORMATION				Weather Condition	X <sub>1</sub>	Location & Co-ordinate	
Average Temp (°C)	Average Relative Humidity (%)	Average Barometric Pressure (mm of Hg)	Y <sub>1</sub>			Z <sub>1</sub>	Near Main Gate Entry
33	42	747	Haze		24° 9' 31.03"N 86° 19' 42.43"E	24° 9' 28.09"N 86° 19' 30.46"E	Beside Store Room
							24° 9' 37.32"N 86° 19' 34.65"E

Area Code	Category of Area Zone	CPCB Limit in dB(A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Result (4 hours Interval)

Equivalent Continuous Sound Level (Leq) in dB

Time Weighted Average 'A' of the level of Sound in decibels on scale A

Sound Level-Leq dB(A)

Sampling Location	Day Time (6 AM to 10 PM)				Avg.	Night Time (10 PM to 6 AM)		Avg.
	(06 AM-10 AM)	(10 AM-02 PM)	(02 PM-06 PM)	(06 PM-10 PM)		(10 PM-02 AM)	(02 AM-06 AM)	
X <sub>1</sub>	62.8	70.4	66.5	64.2	66.0	50.6	50.7	58.3
Y <sub>1</sub>	66.7	72.1	68.3	66.7	68.1	52.3	60.8	61.5
Z <sub>1</sub>	68.7	73.8	69.5	67.3	70.5	65.9	62.5	64.2

----End of Reports----

Remarks: - Average values are observed well within the prescribed limit for industrial area.

**MONGIA STEEL LTD.**

*[Signature]*  
DIRECTOR

*[Signature]*  
Tested by Analyst

*[Signature]*  
Checked By  
(Sunil Kumar Singh)  
(Lab In charge cum Technical Manager)

*[Signature]*  
Authorized Signatory  
(Dr. S. C. Jain)  
(Director & QC Manager)

Note: -1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



# Eco Care



Phone : (0341) 2252011  
Fax : (0341) 2252011

E-mail : [ecocareasansol@rediffmail.com](mailto:ecocareasansol@rediffmail.com)  
Manoj Talkies Basement, Kumarpur  
ASANSOL-713304 (W.B.)

ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000549F

Format No. : EC/TRT/42/FM/04

## TEST REPORT

Report Release Date	: 23.06.2021	Sample Ref. No.(ARF)	: EC/ARF/29/210652
Test Report No	: EC/TR/42/06252	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 18.06.2021
Sample Collected by	: Mr. Binod Singh & Team	Period of Analysis	: 21.06.21 to 22.06.21
Sample Details	: Fugitive Air	Sample Condition	: Sealed & Preserved
Name & Address	: <b>Mongia Steel Limited</b> At – Bhudhiyadih P.O – Bhudhiyadih, Giridih Jharkhand – 815302	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

## METEOROLOGICAL INFORMATION

1	Average Temperature	27.4 °C	2	Barometric Pressure	752 mm of Hg
3	Average Relative Humidity	68.0 %	4	Weather Condition	Clear Day

### 1. Sampling Location : Near Gasifier ( 10.0 Meter Distance )

Sl. No	Parameters	Test Method	Results
1	Concentration of Total Suspended Particulate Matter	IS : 5182 ( Part – 4 )	512.45 µg/M <sup>3</sup>

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

**MONGIA STEEL LTD.**

*[Signature]*  
**DIRECTOR**

*[Signature]*  
**Authorised Signatory**  
**NIRANJAN LAL AGARWALLA**  
B Tech MS (USA), A.M.I.E.  
Scientist & Chief Executive





# Eco Care



Phone : (0341) 2252011

Fax : (0341) 2252011

E-mail : [ecocareasansol@rediffmail.com](mailto:ecocareasansol@rediffmail.com)

Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

Specialised House in Environmental Monitoring, Analysis & Assessment  
**ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified**

ULR NO – TC510921000000551F

Format No. : EC/TRT/42/FM/06

## TEST REPORT

Report Release Date : 13.05.2021	Sample Ref. No.(ARF) : EC/ARF/29/210552
Test Report No : EC/TR/42/05259	Source of Sample : Steel Plant
Type of Sample : Ground Water	Sampling Date : 10.05.2021
Sample Collected by : Mr. Binod Singh & Team	Period of Analysis : 11.05.21 to 12.05.21
Sample Details : Bore Well ( Pre-Monsoon )	Sampling Location : Near Store Room of Induction Furnace
Name & Address : <b>Mongia Steel Limited</b> At – Bhudhiyadih P.O – Bhudhiyadih, Giridih Jharkhand – 815302	Sample Condition : Sealed & Preserved
	Sample Stamped as : "MSL – 44"
	Sample Drawn By : ECO CARE
	Remarks : ----
	Sampling Plan & Procedure : EC/SOP/03/01
	Deviation if any : None

Sl. No.	Parameters	Unit	Test Method (APHA 23 <sup>rd</sup> Edition)	Standards (IS:10500)	Results
1	pH at 25.7 °C		4500-H B	6.5 – 8.5	7.12
2	TDS	mg/l	2540 C	500.0	409.10
3	Turbidity	NTU	2130 B	1.0	< 1.00
4	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	2320 B	200.0	144.54
5	Chloride (as Cl <sup>-</sup> )	mg/l	4500 – Cl B	250.0	38.65
6	*Total Hardness (as CaCO <sub>3</sub> )	mg/l	2340 C	200.0	172.64
7	Calcium (as Ca <sup>2+</sup> )	mg/l	3500 – Ca B	75.0	55.02
8	Sulphate (as SO <sub>4</sub> <sup>2-</sup> )	mg/l	4500 – SO <sub>4</sub> <sup>2-</sup> E	200.0	20.70
9	*Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.08
10	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	8.59

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

**MONGIA STEEL LTD.**

*Binod Singh*  
**DIRECTOR**

*Niranjan Lal Agarwalla*

Authorised Signatory

**NIRANJAN LAL AGARWALLA**

B.Tech. MS (USA), A.M.I.E.

Scientist & Chief Executive



# Eco Care



Phone : (0341) 2252011  
Fax : (0341) 2252011

Certificate No. TC-5109

E-mail : [ecocareasansol@rediffmail.com](mailto:ecocareasansol@rediffmail.com)  
Manoj Talkies Basement, Kumarpur  
ASANSOL-713304 (W.B.)

ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000554F

Format No. : EC/TRT/42/FM/04

## TEST REPORT

Report Release Date : 15.03.2021	Sample Ref. No.(ARF) : EC/ARF/29/210369
Test Report No : EC/TR/42/03295	Source of Sample : Steel Plant
Type of Sample : Suspended Dust & Gases	Sampling Date : 12.03.2021
Sample Collected by : Mr. Sumit Sarkar & Team	Period of Analysis : 13.03.21 to 15.03.21
Sample Details : Fugitive Air	Sample Condition : Sealed & Preserved
Name & Address : <b>Mongia Steel Limited</b>	Remarks : ----
At – Bhudhiyadih	Sample Drawn By : ECO CARE
P.O – Bhudhiyadih, Giridih	Sampling Plan & Procedure : EC/SOP/03/01
Jharkhand – 815302	Deviation if any : None

### METEOROLOGICAL INFORMATION

1	Average Temperature	30.4 °C	2	Barometric Pressure	752 mm of Hg
3	Average Relative Humidity	62.0 %	4	Weather Condition	Clear Day

### 1. Sampling Location : Near Gasifier ( 9.6 Meter Distance )

Sl. No	Parameters	Test Method	Results
1	Concentration of Total Suspended Particulate Matter	IS : 5182 ( Part – 4 )	484.27 µg/M <sup>3</sup>

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

**MONGIA STEEL LTD.**

*Sumit Sarkar*  
**DIRECTOR**

*N. Agarwalla*

Authorised Signatory  
**NIRANJAN LAL AGARWALLA**  
B Tech MS (USA), A.M.I.E.  
Scientist & Chief Executive





## MONGIA STEEL LIMITED

Regst. Office : Room No. 226, Kamalalaya Centre,  
156A, Lenin Sarani, Kolkata, West Bengal - 700013

E-mail : mongia@mongiasteel.com

Website : www.mongiasteel.com

CIN : U27107WB1995PTC235644

### ENVIRONMENT POLICY

M/S Mongia Steel Limited (MSL) is engaged in production of Steel products is committed towards clean and sustainable environment. The mission of MSL is to produce Steel production an environment friendly manner and is strive to:

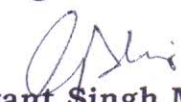
- Integrate sound environmental management practices in all the activities.
- Conduct the operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- Comply with applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The environmental management cell will be headed by EHS Manager, a well-qualified and experienced environment engineer.
- MSL shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of MSL and the general populace around the plant.
- Maintain transparency in matters of Environmental compliance.

Date: 27<sup>th</sup>September, 2020

**MONGIA STEEL LTD.**

  
**DIRECTOR**

For and on behalf of  
**M/s Mongia Steel Limited (MSL).**

  
**Gunwant Singh Mongia**  
**(Director)**



## MONGIA STEEL LIMITED

Regst. Office : Room No. 226, Kamalalaya Centre,  
156A, Lenin Sarani, Kolkata, West Bengal - 700013  
E-mail : mongia@mongiasteel.com  
Website : www.mongiasteel.com  
CIN : U27107WB1995PTC235644

**EXTRACT OF THE MINUTE OF THE MEETING OF BOARD OF DIRECTORS OF MONGIA STEEL LIMITED (MSL) HELD ON FRIDAY 16<sup>TH</sup> DAY OF OCTOBER 2020 AT 02:30 P.M AT REGISTERED OFFICE OF THE COMPANY AT ROOM NO:226, KAMLALYA CENTRE, 156 A LENIN SARANI, KOLKATA, 700 013, WEST BENGAL .**

The Chairman informed the board a healthy and sustainable environment is important to our citizen, our economy & our future. Based on the principle of managing environment resources for the benefit & enjoyment of both current & future generation, the board decided to frame and adopt an Environmental Policy. After due deliberation following resolutions was passed in this regard:-

**"RESOLVED THAT"** the board hereby adopts the Environmental Policy (as discussed below). The mission of Mongia Steel Limited (MSL) is to produce Steel bars production in an environment friendly manner and strive to:

- Integrate sound environmental management practices in all our activities
- Conduct our operations in environmentally responsible manner to minimize pollution and its' impact on environment
- Comply with applicable legal and other requirements related to environmental aspects of our operations and strive to go beyond. The environment management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- Mongia Steel Limited (MSL) shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of Mongia Steel Limited (MSL) and the general populace around the plant.

**MONGIA STEEL LTD.**

  
DIRECTOR



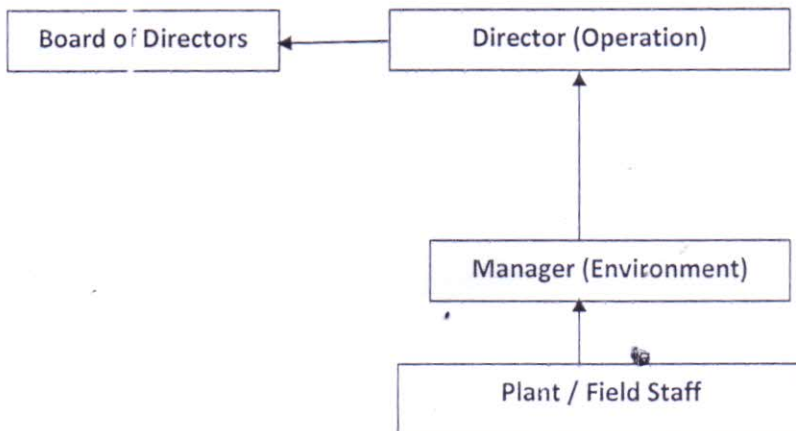


# MONGIA STEEL LIMITED

Regst. Office : Room No. 226, Kamalalaya Centre,  
156A, Lenin Sarani, Kolkata, West Bengal - 700013  
E-mail : mongia@mongiasteel.com  
Website : www.mongiasteel.com  
CIN : U27107WB1995PTC235644

## Hierarchical systems - environmental issues and for ensuring compliance

Company EHS cell is responsible for the compliance of the environmental conditions. The Environmental Manager will functionally report to Director (Operation), and the environmental matters are placed to the Board of Directors through Director (Operation).



"RESOLVED FURTHER THAT Mr. Gunwant Singh Mongia of the Company be and is hereby severally authorized to make, sign and execute on behalf of the Company such all necessary document required in framing & adoption of "Environment Policy."

"RESOLVED FURTHER THAT the Board be and is hereby recommended to adopt Environment Policy, as the draft placed before the board, initiated by the chairman for the sake of identification".

Date: 16/10/2020

  
Director

(DIN: 00839961)



# MONGIA STEEL LIMITED

Regt. Office : Room No. 226, Kamalalaya Centre,  
156A, Lenin Sarani, Kolkata, West Bengal - 700013

E-mail : mongia@mongiasteel.com

Website : www.mongiasteel.com

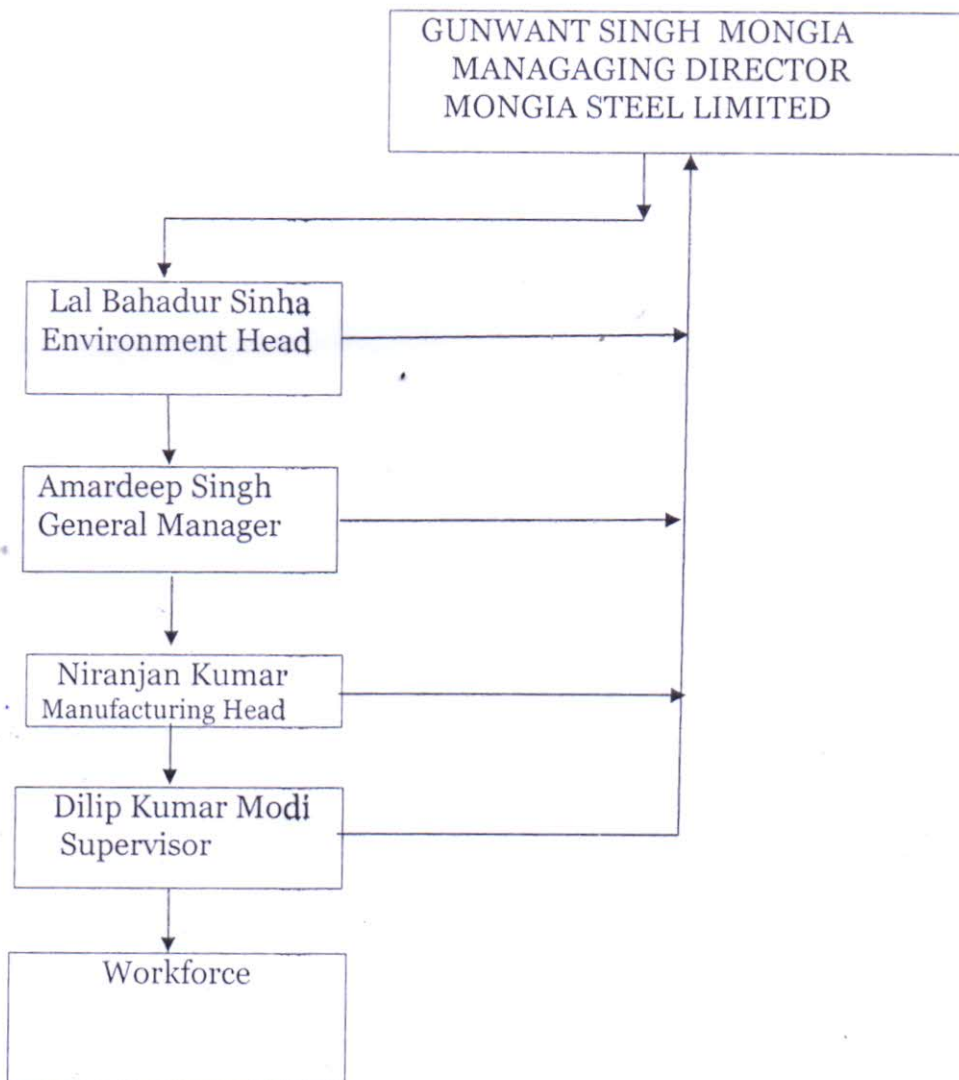
CIN : U27107WB1995PTC235644

## OFFICE ORDER

### ENVIRONMENT MANAGEMENT CELL

#### RESPONSIBILITY MATRIX FOR THE IMPLEMENTATION OF EMP AND ENVIRONMENT CONDITIONS:

ORGANISATIONAL CHART: As on 01/04/2020



MONGIA STEEL LTD.

*[Signature]*  
DIRECTOR

*[Signature]*  
GUNWANT SINGH MONGIA  
MANAGING DIRECTOR  
MONGIA STEEL LIMITED





# Eco Care



Certificate No. TC-5109

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Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000540F

Format No. : EC/TRT/42/FM/05

## TEST REPORT

Report Release Date	: 21.06.2021	Sample Ref. No.(ARF)	: EC/ARF/29/210651
Test Report No	: EC/TR/42/06250	Source of Sample	: Steel Plant (Rolling Div.)
Type of Sample	: Water	Sampling Date	: 15.06.2021
Sample Collected by	: Mr. Binod Singh	Period of Analysis	: 16.06.21 to 19.06.21
Sample Details	: Effluent Water	Sampling Location	: Mill Inlet
Name & Address	: <b>Mongia Steel Limited</b> At – Bhudhiyadh P.O – Bhudhiyadh, Giridih Jharkhand – 815302	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: "BSL – 45"
		Sample Drawn By	: ECO CARE
		Remarks	: ----
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 23 <sup>rd</sup> Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH 25.7 °C		4500-H <sup>+</sup> B	5.5 – 9.0	6.89
2	TSS	mg/l	2540 D	100.0	27.10
3	TDS	mg/l	2540 C	2100.0	434.70
4	BOD (3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	7.9
5	COD	mg/l	5220 B	250.0	26.78
6	Oil & Grease	mg/l	5520 B	10.0	< 2.0

1. Test values are reported based on the Samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory

Authorised Signatory

**NIRANJAN LAL AGARWALLA**

B Tech MS (I' SA), A.M.I.E

Scientist & Chief Executive

**MONGIA STEEL LTD.**

DIRECTOR



# Eco Care



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ULR NO - TC510921000000541F

Format No. : EC/TRT/42/FM/05

## TEST REPORT

Report Release Date	: 21.06.2021	Sample Ref. No.(ARF)	: EC/ARF/29/210651
Test Report No	: EC/TR/42/06251	Source of Sample	: Steel Plant (Rolling Div.)
Type of Sample	: Water	Sampling Date	: 15.06.2021
Sample Collected by	: Mr. Binod Singh	Period of Analysis	: 16.06.21 to 19.06.21
Sample Details	: Effluent Water	Sampling Location	: Mill Outlet
Name & Address	: <b>Mongia Steel Limited</b>	Sample Condition	: Sealed & Preserved
	At - Bhudhiyadih	Sample Stamped as	: "BSL - 46"
	P.O - Bhudhiyadih, Giridih	Sample Drawn By	: ECO CARE
	Jharkhand - 815302	Remarks	: ----
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 23 <sup>rd</sup> Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH 25.9 °C		4500-F* B	5.5 - 9.0	7.35
2	TSS	mg/l	2540 D	100.0	51.60
3	TDS	mg/l	2540 C	2100.0	589.70
4	BOD (3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	11
5	COD	mg/l	5220 B	250.0	41.66
6	Oil & Grease	mg/l	5520 B	10.0	3.71

1. Test values are reported based on the Samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory

**MONGIA STEEL LTD.**

*Binod Singh*  
**DIRECTOR**

*Niranjan Lal Agarwalla*

Authorised Signatory

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