



MONGIA STEEL LIMITED

Regt. Office : Flat 2/B, Orbit North View,
3 Khelat Babu Lane, Belgachia
Kolkata, West Bengal, India - 700037
E-mail : mail@mongiasteel.com
Website : www.mongiasteel.com
CIN : U27107WB1995PTC235644

Ref: MSL/2025-26/EC/21

Dated:04/07/2025

To
The Additional Chief Conservator of Forest (C),
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office,
2nd Floor, Headquarter- Jharkhand State Housing Board, Harmu Chowk,
Ranchi, Jharkhand - 834002

Sub: Submission of six-monthly compliance of Environmental Clearance issued vide letter no:EC/SEIAA/2020-21/2164/2020/68 Ranchi, date 15/07/2021 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 Test Report of Stack emission, ambient air, ambient noise
- Copy of ground water analysis report.

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

Thanking you

Faithfully yours

For Mongia Steel Ltd


Director

Copy to

1) The Scientist E & Incharge
Central Pollution Control Board
Southern conclave, Block 502
5th & 6th floor, 1582 Rajdanga Main Road, Kolkata:700107(WB)

2) The Regional Officer,
Jharkhand State Pollution Control Board
Matwari Road, Hazaribagh (Jharkhand)



State Level Environment Impact Assessment Authority, Jharkhand.

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

E-mail: msseiaa.jhk@gmail.com/chr-seiaa.jhr@gov.in

website: www.jseiaa.org

Letter No. - EC/SEIAA/2020-21/2164/2020/68

Ranchi, Date: 15/07/2021

To: Sri Gunwant Singh Saluja (CMD)
M/s Mongia Steel Limited
P.O. – Burhiadih, Tundi Road,
District – Giridih,
Jharkhand – 815302.

Sub.: Environmental Clearance for the project “Expansion & Modernization Project of M/s Mongia Steel Ltd., Mouza : Dandidih (Burhiadih), Tehsil & Dist. : Giridih, Jharkhand (Proposal No. SIA/JH/IND/36503/2019) – regarding.

Ref: Your letter no. 35, dated : 16.06.2021.

Sir,

It is in reference to the project “Expansion & Modernization Project of M/s Mongia Steel Ltd., Mouza : Dandidih (Burhiadih), Tehsil & Dist. : Giridih, Jharkhand” submitted by you for seeking prior Environmental Clearances (EC).

This is a expansion project which has been taken for appraisal on 24.06.2021.

The proposed expansion project of M/s Mongia Steel Limited is located at Mouza Dandidih (Burhiadih), District Giridih, Jharkhand initially applied in the SEIAA/SEAC, Jharkhand on 03.09.2019 for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The State Expert Appraisal Committee, Jharkhand deliberated the project during its 78th meeting held on 19th September, 2019 and SEIAA, Jharkhand has approved the ToRs in its meeting held on 25th September 2019. TOR for the project was issued by SEIAA, Jharkhand vide letter no. 545, date 09.10.2019. The final EIA / EMP submitted by PP to SEIAA on 17.06.2021 and which was forwarded to SEAC on 18.06.2021.

The company was set up in the year 1996 initially, after obtaining NOC from Bihar State Pollution Control Board on 18.07.1996 for setting up of steel plant for production of 50 TPD Billets and 10 TPD TMT Bars. In the year 2011, the company changed its name from Mongia Hi-Tech Pvt. Ltd to Mongia Steel Limited after necessary amendment in the Registrar of Companies (ROC). Further expansion was carried out after obtaining Environment Clearance from SEIAA, Jharkhand vide letter No. EC/SEIAA/2014-2015/569/2014/310 dated 13.12.2018 and subsequent CTE granted by JSPCB vide No JSPCB/HO/RNC/CTE-3579450/2019/294 dated 01.05.2019 for production of 240 TPD TMT Bars and 60 TPD Pipes & shutter strips.

The proposed expansion project of Mongia Steel Limited is envisaged for capacity expansion for production of TMT Bars from 72,000 TPA to 277,200 TPA and Pipes, shutter strips, angles, channels from 18000 TPA to 99000 TPA by installing additional facilities of 2x15 T and 3x20 T Induction furnace with CCM and 600 TPD Rolling mill. The existing unit of Strip mill will be

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Mongia Steel Ltd.

Director

enhanced in capacity from 60 to 300 TPD. The existing Induction furnace of 2x15 Tons and TMT Bar Mill of 240 TPD will continue to operate along with proposed units. The total working days will be increased from 300 to 330 days. Additionally, 66000 TPA capacity Slag Crusher unit shall also be installed. The proposed capacity for different products for site are as below.

Raw Material Required:

Plant	Existing			Proposed (Total after the proposed expansion)		
	Unit	Days of Operation	Capacity TPA	Unit	Days of Operation	Capacity TPA
Steel Melting Shop Induction Furnace with Continuous Casting Machine (CCM)	2x15 Ton	300	90000	2x15 Ton (Existing) 2x15 Ton 3x20 Ton	330	396000
Producer Gas plant	1	300	9,000 Nm ³ /hr-	No Producer Gas Plant (Existing unit to be dismantled and removed)		
Reheating Furnace	1x30 TPH	300	90000	No Re-heating Furnace unit (Existing unit to be dismantled and removed)		
Rolling Mill TMT Bar Mill - 1	240 TPD	300	72000	240 TPD	330	79,200
TMT Bar Mill - 2	--	--	--	600 TPD	330	198,000
Strips Mill (Pipes, Shutter strips, angles, Channels etc)	60 TPD	300	18000	300 TPD	330	99,000
Slag Crusher Unit	--	--	--	2x100 TPD	330	66000 (Metal Recovery - 3300 TPA)

No additional land shall be acquired for the project and the entire project shall be installed within existing plant area of 12.67 ha. No forestland is involved. It has been reported that no water body/ water body exist at the project site and modification/diversion in the existing natural drainage pattern at any stage has not been proposed.

The topography of the area is Gently undulating and reported to lies between 24.15722 to 23.16083 Latitude and 86.32430 to 86.32861 E Longitude in Survey of India Topo sheet 72 L/4 & 72 L/8 at an elevation of 312 m AMSL. The ground water table is reported in ranges between 4.82 to 6.21 mbgl during the post-monsoon season and 8.20 to 9.80 mbgl during the pre-monsoon season.

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The process of project showing the basic raw material used and the various processes involved to produce the final output, waste generated in process.

Basic Raw Material Used

Raw Materials	Total Raw materials required After Expansion	Storage	Source	Transportation by Road (km)
Induction Furnace (Total after expansion: 396,000 TPA)				
Sponge Iron	316,800 TPA	Shed	Local Plants in Giridih through Road	5 km
Pig Iron	99,000 TPA	Shed		5 km
Scrap	47,520 TPA	Shed	In-house & nearby plants through Road	250 km
Ferro Alloys (SiMn/FeSi)	792 TPA	Drums	Local Plants in Giridih through Road	110 km
Total	464,112	-	-	-
Billet Caster (Total after expansion: 388,235 TPA)				
Liquid Steel	396,000	-	In house	-
Rolling Mill – TMT Bars (Total after expansion: 277,200 TPA)				
Hot Billets	282,720	-	In-house - Hot Billets direct charging	-
Strips Mill- Shutter strips, channels etc. (Total after expansion: 99,000 TPA)				
Hot Billets	100,800	-	In-house - Hot Billets direct charging	-

Process involved

TMT bars and steel Strips production through Induction Furnace, Billet Caster, Rolling Mill and Strip Mill. Slag Crushing plant of 2x100 TPD is also proposed to be installed for metal recovery of the slag.

Waste Generated in the proposed project

Units	Solid Wastes	Total Qty In TPA	Disposal practice
Induction Furnace	Slag	28380	After Metal extraction of slag it will be supplied to our sister

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			concern M/s Santpuria Alloys Pvt. Ltd. unit II for fly ash bricks manufacturing.
TMT Bar Mill& Strips Mill	Mill Scale	5260	Recycled in-house along with scrap in the induction furnace.
Bag Filter Dust from process	Dust from process	2850	Partly recycled (metal content). Rest supplied to our sister concern M/s Santpuria Alloys Pvt Ltd. unit II for fly ash bricks manufacturing.

The targeted saleable capacities of TMT Bars and Steel Strips (Shutter Strip, Channels, Pipes, angles) are 277200 and 99000 TPA respectively. The raw material transportation will be done through road only.

The water requirement of the project is estimated as 120 m³/day requirement will be obtained through Ground water. The permission for drawl of water will be obtained from CGWA.

The power requirement of the project is estimated 40 MVA out of which shall be supplied through Damodar Valley Corporation. Existing power demand is 18 MVA.

Baseline Environmental Studies were conducted during Winter Season i.e. from 01.12.2019 to 29.02.2020. Ambient air quality monitoring has been carried out at 8 locations during study period indicates: PM10 (40.8 to 82.1 µg/m³), PM2.5 (18.0 to 49.8 µg/m³), SO₂ (8.1 to 26.9 µg/m³) and NOx (11.6 to 39.4 µg/m³). The results of the modeling study indicate that the maximum increase of GLC for the proposed project is 1.46 µg/m³ with respect to the PM₁₀, 0.61 µg/m³ with respect to PM2.5, 0.58 µg/m³ with respect to SO₂ and 0.44 µg/m³ with respect to the NOx.

Ground water quality has been monitored in 8 locations in the study area and analyzed. pH: 7.15 to 8.01, Total Hardness: 185 to 235.1 mg/l, Chlorides: 50 to 61 mg/l, Fluoride: 0.22 to 0.38 mg/l. Heavy metals are within the limits. Surface water samples were analyzed from 8 locations. pH: 7.36 to 7.72, DO: 4.80 to 5.96 mg/l, BOD: 6.0 to 13.0 mg/l and COD from 18 to 41 mg/l.

Noise levels are in the range of 47.62 to 71.60 dB (A) for day time and 38.10 to 67.43 dB (A) for night time. No R&R is involved as no land has been acquired for the project.

It has been reported that the latest Consent to Operate from the Jharkhand State Pollution Control Board was obtained vide Lr. No. JSPCB/HO/RNC/CTO-8002611/2020/1612 dated 30.09.2020 and consent is valid up to 30.06.2021.

Public hearing is a very significant part of the process of public participation envisaged under guidelines issued by MoEF&CC, Government of India. It facilitates involvement of all the stake holders of the project which is essential for ensuring smooth running of project and benefitting all section of society in the process of economic development of the region. The public hearing for Mongia Steel Limited is exempted as per ToR issued by SEIAA, Jharkhand, Since the Public hearing was conducted on 26.03.2017 which is below 3 years as per MoEFCC OM dated 29.08.2017. An amount of Rs 68.5 Lakhs (1% of Project cost) has been earmarked for CER based on public hearing / Socio-economic issues.

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The capital cost of the proposed project is Rs 68.48 Crores and the capital cost for environmental management is proposed as Rs 208 Lakhs. The annual recurring cost towards the environmental management is proposed as Rs 30.50 Lakhs/year. An amount of Rs 68.5 Lakhs (1% of Project cost) has been earmarked for CER based on previous public hearing issues and need based assessment. The employment generation from the proposed project of expansion is 172.

Green Belt will be developed over 33% of the plant area. Indigenous trees will be planted in 4.18 Ha. out of the total area of 12.67 Ha. Existing green belt area is 0.433 Ha and about 985 No. of trees are planted in the area. An additional land of 3.64 Ha. has also been developed as greenbelt with around 4000 trees planted. Tree density of 1600 trees per hectare with local board leaf specification will be planted in future after expansion. A 10 m wide greenbelt, consisting of at least 3 tiers around plant boundary will be developed as greenbelt and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare.

The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

DFO, Wildlife Hazaribagh vide letter no. 1396, dated 20.07.19 certified that the Parasnath Wildlife Sanctuary is 24048 m from project site and not within 10 km from National Park & Wildlife Sanctuary and proposed project is not situated in any ESZ.

DFO, Giridih East Division vide letter no. 1434, dated 18.06.18 certified that the distance of notified forest is more than 2699.34 m from proposed project site.

The CO, Giridih vide memo no.2622, dated - 10.09.18 has mentioned that the proposed site is not recorded as Jangal Jhari.

Specific observations of the committee from the appraisal are as under:

- i. Compliance report of issues raised from inspection by the RO, MoEF&CC, Ranchi to be submitted..
- ii. Location of Collection pond of the run-off water marked on lay out plan to be provided.
- iii. All the barren land available within the premises to be utilized for maximising green cover. Undertaking for same to be provided.
- iv. Photographs showing environmental monitoring machines for baseline study to be provided.
- v. Photographs showing positioning of suction hood fitted to Dust Extraction (DE) system with respect to furnace to be provided.
- vi. Photographs of Oil Skimmer along with Water quality report for inlet and outlet of effluent treatment plant to be provided.
- vii. Mock Drill report required under on-site emergency plan to be submitted.
- viii. Issues raised during Public hearing and commitment made by the management to be provided in tabular form.
- ix. Tree inventory of existing plant to be provided.
- x. Details of proposed CER activities to be provided.

The Project Authorities have submitted above required documents.

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The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 23rd, 24th, 25th, 26th & 28th June, 2021.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its meeting held on 05th, 06th & 07th July, 2021 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 & Modernization Project of M/s Mongia Steel Ltd., Mouza : Dandidih (Burhiadih), Tehsil & Dist. : Giridih, Jharkhand"** alongwith the following conditions as recommended by SEAC with special conditions as follows:

- i. Mock Drill report of three successive drills required under on-site emergency plan to be submitted along with the EC compliance report.
- ii. Carbon foot print study to be carried out within 03 years and the study report to be submitted with the EC compliance.

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. No mining/activity shall be undertaken in the forest land or deemed forest without obtaining requisite prior forestry clearance.
- iii. This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT, MoEF & CC and any other Court of Law, if any, as may be applicable to this project.
- iv. Environmental clearance is subject to obtaining prior clearance from forestry and Wildlife angle including clearance from standing committee of NBWL, as may be applicable to this project (in case any fauna occurs / is found in the Project area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc. and or located with in 10 km. of protected area).
- v. The project proponent may apply simultaneously for forest and NBWL clearance, in order to complete the formalities without undue delay, which till process on their respective merits, no rights will vest in or accrue to them unless all clearance are obtained.

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.

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- 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. (incase 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.
- vii. It shall be mandatory for the project management to submit six (06) monthly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard copies and soft copies to the regulatory authority concerned Regional Office of MoEF & CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B.), Ranchi/SEIAA/CPCB.
- viii. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- ix. The SEIAA, Jharkhand or any other competent Authority may alter modify the above conditions or stipulate any further condition in the interest of Environment Protection.

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 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 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 carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main

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pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (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) 31st 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 rooftops 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.

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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 programme 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, creche 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 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and

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- / 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 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 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; PMIO, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public 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.

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- 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 Environmental Clearance 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.

[Handwritten Signature]
15/7/24
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.
[Handwritten Initials]

Compliance of Environmental Clearance
Issued vide letter no: EC/SEIAA/2020-21/2164/2020/68 Ranchi, dated: 15/07/2021
State Level Environment Impact Assessment Authority,
Jharkhand
MONGIA STEEL LIMITED
(Prepared on 30/06/2025)

Compliance of Environmental Clearance

(Six Monthly)

Issued vide letter no: EC/SEIAA/2020-21/2164/2020/68 Ranchi, dated: 15/07/2021 by

State Level Environment Impact Assessment Authority,

Jharkhand

MONGIA STEEL LIMITED

At: Mouja Dandidih (Burhiadih), P.O: Burhiadih, Tundi Road,
Dist.: Giridih: 815302 (Jharkhand)

Mongia Steel Ltd.

Director

Compliance of Environmental Clearance
 Issued vide letter no: EC/SEIAA/2020-21/2164/2020/68 Ranchi, dated: 15/07/2021
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 Jharkhand
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 (Prepared on 30/06/2025)

Sl No:	Conditions	Compliances
	Special Conditions	
	i Mock Drill report of three successive drills required under on- site emergency plan to be submitted along with the EC compliance	Agreed.
	ii Carbon foot print study to be carried out within 03 years and the study report to be submitted with the EC compliance.	Agreed.
(I)	Specific Conditions	
	i This Environmental Clearance is valid subject to the following conditions 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	Permissions from all the concerned department, to operate the unit, have been obtained and renewal of it is obtained time to time.
	ii No mining/activity shall be undertaken in the forest land or deemed forest without obtaining requisite prior forestry clearance.	Agreed
	iii This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India. Hon'ble High Court, Hon'ble NGT, MoEF & CC and other Court law, if any as may be applicable to this project.	Agreed

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	<p>iv Environmental Clearance is subject to obtaining prior clearance from forestry and wildlife angle including clearance from standing committee of NBWL as may be applicable to this project (in case any fauna occurs/ is found in the Project area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc and or located within 10 km of protected area.)</p> <p>v The project proponent may apply simultaneously for forest and NBWL clearance in order to complete formalities without undue delay, which till process on their respective merits no rights will vest in or accrue to them unless all clearances are obtained</p>	<p>Unit has obtained the clearance from Divisional Forest Officer Giridih (East) Division and DFO, Wildlife Division Hazaribagh</p>
II	Statutory Compliance:	
	<p>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.</p>	<p>This unit has own land for which clearance, from Divisional Forest Officer, Giridih (East), vide ref. No: 1679 dtd. 26/07/2017 has been obtained clearly mentioning site outside forest land</p>
	<p>ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</p>	<p>As per the certificate issued by the Divisional Forest Officer Giridih (East) Division and Divisional Forest Officer, Wildlife Division Hazaribagh, vide ref. No: 1679 dtd. 26/07/2017 and ref. No: 1396 dtd. 20/07/2019 respectively there are 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.</p>
	<p>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-</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 & wildlife Management plan. As per the clearance issued by forest department there are no Sanctuaries, National Parks, Biodiversity protected Area situated within a radius of 10 km of project.</p>

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	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 Board / Committee.	Unit has obtained consent to establish vide ref. No: JSPCB/HO/RNC/CTE-10779772/2021/379 dated 21/12/2021 and consent to operate vide ref. No: JSPCB/HO/RNC/CTO-14379451/2023/78 Dated :11/01/2023 valid upto 31/12/2027, from JSPCB Ranchi.
	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.	Agreed. Unit has obtained permission for existing unit to abstract ground water from the Central Ground Water Authority (CGWA) vide Reference no: FILE NO: CGWBMER/CGWA/NOC/2019-299 dtd.11/05/2020
	vi The project proponent shall obtain authorization under the Hazardous and other Waste management Rules, 2016 as amended From time to time.	Unit has obtained authorisation under Hazardous and other waste management rules, 2016. Vide reference no: JSPCB/HO/RNC/HWM-13240284/2024/64 dtd 03/09/2024 valid up to 30/06/2027
	vii It shall be mandatory for the project management to submit six (06) monthly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard copies to the regulatory authority concerned Regional Office of MoEF & CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B), Ranchi/SEIAA/CPCB.	Agreed and six-monthly compliance is maintained in regular basis.
	viii Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
	ix The SEIAA, Jharkhand or any other competent authority may alter modify the above conditions or stipulate any further condition in the interest of Environment Protection.	Agreed
iii.	Air quality monitoring and preservation:	

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	<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 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 recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.</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 & steel plant of highly polluting industries. Hence, this unit does not require to install 24X7 continuous emission monitoring system at process stack to monitor stack emission. S.O.3305 (E) dated 7th 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 has been carried out by NABL accredited laboratories. Report attached.</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. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x 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>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 & CC, Zonal office of CPCB and Regional Office of SPCB along with six-</p>	<p>In this unit operations are not continuous. Manual stack Monitoring & AAQR is carried out Six monthly and Fugitive emission test carried out quarterly. Reports of above test are attached herewith for your reference.</p>

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	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.	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 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. Here, No Re heating furnace will be installed to hit the billet. Hot Billet from CCM will directly be rolled in rolling mill. Here Coal, Coke & lime fines is not used. Other fines collected from the Pollution control devices is used to fill the pits in the plant premises.
	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 shed 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.
	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	In this unit operations are not continuous. Water is used for

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	<p>effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (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)</p>	<p>cooling purpose only and no effluent is generated during process only make water is added in water circulation system.</p>
	<p>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.</p>	<p>Agreed. Ground water test is taken twice a year.</p>
	<p>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.</p>	<p>In this unit operations are not continuous. Water is used for cooling purpose only and no effluent is generated during process only make water is added in water circulation system.</p>
	<p>iv. Adhere to 'Zero Liquid Discharge'.</p>	<p>Agreed. No liquid discharge outside the premises</p>
	<p>v. Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the</p>	<p>N.A. Very small quantity of domestic and sanitary waste water.</p>

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	prescribed standards.	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 st March,2012(applicable to IF/EAF) as amended from time to time.	Here, Water is used for cooling purpose only and there in no effluent generation only make water is added in water circulation system. Test report for water of circulation system is attached herewith.
	vii. Garland drains and collected 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.	Agreed. There is no stock pile of material or wastage outside the shade area hence Garland drains and collected pits are not required .
	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
	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.	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	Here hot billet is directly be rolled in rolling mill. No re-heating furnace is required.

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	ii. Practice hot charging of slabs and billets/blooms as far as possible.	In our unit hot billet is directly rolled. No re- heating furnace is required.
	iii. Ensure installation of regenerative type burners on all reheating furnaces.	In our unit hot billet is directly rolled. No re- heating furnace is required.
	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	Agreed. Green belt development works to occupy almost 33%

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	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.	of the plant area is going on. It will be achieved within 1 year. 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.	Now plant has already completed and in operation.
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 1st 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 1st 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"> • Maintenance of village roads, in the locality • Construction of tube well in the neighbouring villages. • Supply of pipe line water in the neighbouring villages • Renovation of school Building and Anganbadi Kendra in the locality. • Vocational Training Centre, for local youths. • Construction & maintenance of community centre. • Organizing Health Camp (Blood donation, Eye Check-up, Child Health etc) & Ambulance service for the surrounding population. • Distribution of blanket, shoes umbrellas etc to needy and poor people. • Scholarship for higher education.
	<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 resolution in this regard shall be submitted to</p>	<p>Copy of Board Resolution for environment policy has been prepared.</p>

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	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 attached herewith.
	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	Agreed. Website has already been prepared i.e. www.mongiasteel.com . EC with its conditions has already been uploaded in unit's

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	<p>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.</p>	<p>website. Advertisement regarding Environment Clearance has been published in two local news paper i.e 1) Dainik Bhashkar, Dhanbad publication on 20/08/2021 and 2) Prabhat Khabar ,Dhanbad Publication on 18/08/2021</p>
	<p>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.</p>	<p>Complied.</p>
	<p>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.</p>	<p>Status of compliance condition EC has been uploaded in company's website. Company's website: www.mongiasteel.com Monitored data has also been uploaded.</p>
	<p>iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (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.</p>	<p>Monitored data has been displayed at Main gate of the unit for disclosure to the public and uploaded in the website of the company.</p>
	<p>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.</p>	<p>Agreed. Six monthly reports on the status of the compliance is submitted on the website of ministry of environment, forest and climate change at environment clearance portal.</p>

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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 implementation of any of the above conditions is	Agreed.

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	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	Agreed.

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MONGIA STEEL LIMITED
(Prepared on 30/06/2025)

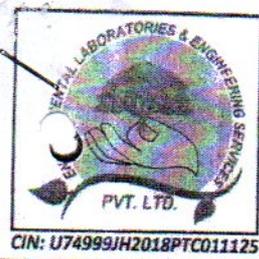
	matter for any other administrative reason.	
ii.	In view of MoEF & CC O.M No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance Accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.	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



ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4017	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003926F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sample Ref. No.	: ELES/RNC/2025/AA/5130
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Location	: Near Main Gate
Plant Status	: Operational	Sampling Date	: 28.06.2025 to 29.06.2025
Period of Analysis	: 01.07.2025 to 03.07.2025	Sample Received Date	: 01.07.2025
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION

1	Average Temperature (°C) : 28	2	Barometric Pressure (mmHg) : 744
3	Relative Humidity (%) : 70	4	Weather Condition : Partly Cloudy
5	Longitude : 86°19'42.63"E	6	Latitude : 24°09'29.82"N

Discipline : Chemical

Group : Atmospheric Pollution

Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 23): 2022	76	100 (24hrs)
Particulate Matter (PM2.5)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 24): 2019	45	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 2/Sec1): 2023	11.7	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 6): 2022	29.4	80 (24hrs)

Reviewed by
Akash Kumar
Quality Manager

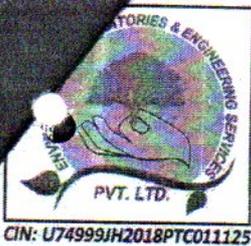
****End of Report****

Mongia Steel Ltd.

Director

Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
Technical Manager

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HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in , eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4018	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003927F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sample Ref. No.	: ELES/RNC/2025/AA/5131
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Location	: Near Control Room
Plant Status	: Operational	Sampling Date	: 28.06.2025 to 29.06.2025
Period of Analysis	: 01.07.2025 to 03.07.2025	Sample Received Date	: 01.07.2025
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION

1	Average Temperature (°C) : 28	2	Barometric Pressure (mmHg) : 744
3	Relative Humidity (%) : 70	4	Weather Condition : Partly Cloudy
5	Longitude : 86°19'30.83"E	6	Latitude : 24°09'29.58"N

Discipline : Chemical		Group : Atmospheric Pollution		
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part- 23): 2022	61	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	34	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part- 2/Sec1): 2023	8.7	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part- 6): 2022	24.1	80 (24hrs)

Reviewed by
Akash Kumar
Quality Manager

****End of Report****

Mongia Steel Ltd.

Director

Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
Technical Manager

Page 1 of 1

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HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4019	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003928F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sample Ref. No.	: ELES/RNC/2025/AA/5132
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Location	: Beside Store Room (Near Rolling Mill)
Plant Status	: Operational	Sampling Date	: 28.06.2025 to 29.06.2025
Period of Analysis	: 01.07.2025 to 03.07.2025	Sample Received Date	: 01.07.2025
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION

1	Average Temperature (°C) : 28	2	Barometric Pressure (mmHg) : 744
3	Relative Humidity (%) : 70	4	Weather Condition : Partly Cloudy
5	Longitude : 86°19'35.55"E	6	Latitude : 24°09'36.97"N

Discipline : Chemical		Group : Atmospheric Pollution		
Parameter	Unit	Test Protocol	Result	Regulatory Limit
Particulate Matter (PM10)	µg/m ³	IS 5182 (Part- 23): 2022	70	100 (24hrs)
Particulate Matter (PM2.5)	µg/m ³	IS 5182 (Part- 24): 2019	41	60 (24hrs)
Sulphur Di-Oxide (SO ₂)	µg/m ³	IS 5182 (Part- 2/Sec1): 2023	10.5	80 (24hrs)
Nitrogen Di-Oxide (NO ₂)	µg/m ³	IS 5182 (Part- 6): 2022	27.3	80 (24hrs)

Mongia Steel Ltd.

Reviewed by
Akash Kumar
Quality Manager

Director
****End of Report****
Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
Technical Manager

Page 1 of 1

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PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



TC-13567

TEST REPORT

Test Report No. : ELES/RNC/2025/4020	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003929F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sampling Date	: 28.06.2025 to 29.06.2025
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Sampling Received Date	: 01.07.2025
Plant Status	: Operational	Type of Sample	: Ambient Noise
		Sampling procedure	: ELES/DOC/SMPL/03
		Sample Done By	: ELES Pvt. Ltd.
		Period of Analysis	: 01.07.2025 to 03.07.2025

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 28	2	Barometric Pressure (mmHg)	: 744
3	Relative Humidity (%)	: 70	4	Weather Condition	: Partly Cloudy

Discipline : Chemical			Group : Atmospheric Pollution				
Location	Unit	Test Protocol	Result			Regulatory Limit	
			Time	L _{Max}	L _{Min}	L _{eq}	
Near Main Entry Room	dB(A)	IS 9989: 2020	Day Time	73.5	51.8	64	75 dB(A) Day Time & 70 dB(A) Night Time
Sample ID: ELES/RNC/2025/AN/5133			Night Time	61.2	42.5	55	
Latitude:24°09'30.97"N			Longitude:86°19'41.55"E				
Near Control Room	dB(A)	IS 9989: 2020	Day Time	69.3	50.4	61	
Sample ID: ELES/RNC/2025/AN/5134			Night Time	60.5	39.7	50	
Latitude:24°09'29.58"N			Longitude:86°19'30.83"E				

Mongia Steel Ltd.

[Signature]
Director

Page 1 of 2

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CIN: U74999JH2018PTC011125

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PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA
HATIA, RANCHI-834003 (JHARKHAND)
GST NO:- 20AAECE9713D1Z4

Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4020	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003929F	

Discipline : Chemical			Group : Atmospheric Pollution				
Location	Unit	Test Protocol	Result			Regulatory Limit	
Beside Store Room (Near Rolling Mill)	dB(A)	IS 9989: 2020	Time	L _{Max}	L _{Min}	L _{eq}	75 dB(A) Day Time & 70 dB(A) Night Time
			Day Time	71.6	51.3	63	
			Night Time	62.5	40.1	54	
Sample ID: ELES/RNC/2025/AN/5135							
Latitude:24°09'36.97"N	Longitude:86°19'35.55"E						

Reviewed by
Akash Kumar
Quality Manager

****End of Report****

Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
Technical Manager

Mongia Steel Ltd.

Director

Page 2 of 2

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CIN: U74999JH2018PTC011125

TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4021	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC135872500003930F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sample Ref. No.	: ELES/RNC/2025/SM/5136
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Location	: Induction Furnace
Plant Status	: Operational	Sampling Date	: 30.06.2025
Period of Analysis	: 01.07.2025 to 03.07.2025	Sample Received Date	: 01.07.2025
		Type of Sample	: Flue Gas
		Sampling Procedure	: ELES/DOC/SMPL/02(A)
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed

GENERAL INFORMATION- (Data Provided by Customer)

1	Particular of the Plant	: M.S. Billets Manufacturing Unit
2	Emission Due to	: Process Activity
3	Stack Connected to	: Induction Furnace via Bag Filter
4	Material of Construction of Stack	: M.S
5	Stack Height from Ground Level (m)	: 30.0
6	Height of Sampling Port from Ground Level (m)	: 10.0
7	Inner Diameter of Stack at Sampling Point (m)	: 0.9
8	Shape of the Stack	: Circular
9	Working Load of the Stack	: N/A
10	Pollution Control System	: Bag Filter
11	Ladder & Platform	: Permanent

FUEL CHARACTERISTICS DETAILS

1	Type of Fuel Used	: Electricity
2	Fuel Consumption	: N/A
3	Calorific Value of Fuel (Kcal/Kg)	: N/A

Mongia Steel Ltd.

Page 1 of 2

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ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com
Phone no.: 0651-2290103
Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

TEST REPORT

Test Report No. : ELES/RNC/2025/4021	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003930F	

Discipline : Chemical		Group : Atmospheric Pollution	
Parameter	Unit	Test Protocol	Results
Particulate Matter (PM)	mg/Nm ³	IS 11255(Part-1): 2023	56
Sulphur Di-Oxide (SO ₂)	mg/Nm ³	US EPA 6C: 2017	BDL (DL: 3.0)
Oxides of Nitrogen (NO _x)	mg/Nm ³	US EPA 7E: 2020	21
Flue Gas Temperature	°C	IS 11255 (Part-3): 2018	69
Barometric Pressure	mmHg	IS 11255 (Part-3): 2018	744
Velocity of Flue Gas	m/sec	IS 11255 (Part-3): 2018	7.59
Quantity of Gas Flow	Nm ³ /hr	IS 11255 (Part-3): 2018	14782

Reviewed by
Akash Kumar
Quality Manager

****End of Report****

Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.
Technical Manager

Mongia Steel Ltd.

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CIN: U74999JH2018PTC011125

TC-13587

TEST REPORT

Test Report No. : ELES/RNC/2025/4022	Report Release Date : 03.07.2025
Work Order No. : MSL/JSPCB/2025-26/15	Work Order Date : 11.06.2025
ULR No. : TC1358725000003931F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Mongia Steel Limited	Sample Ref. No.	: ELES/RNC/2025/GW/5137
Address	: P.O.- Burhiadih, Tundi Road, Giridih, Jharkhand- 815302	Sampling Date	: 30.06.2025
		Sample Received Date	: 01.07.2025
Plant Status	: Operational	Type of Sample	: Ground Water
		Source of Sample	: Borewell
Period of Analysis	: 01.07.2025 to 03.07.2025	Location of Sample	: Near Main Gate
		Sampling Procedure	: ELES/DOC/SMPL/01
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

Discipline : Chemical		Group : Water		Regulatory Limit as per IS 10500:2012	
Parameter	Unit	Test Protocol	Result	Acceptable Limit	Permissible Limit
pH (at 25.3 °C)	-	APHA 24 th Ed.2023, 4500-H ⁺	7.22	6.5-8.5	No Relaxation
Turbidity	NTU	APHA 24 th Ed.2023, 2130B	0.28	1.0	5.0
Total Dissolved Solids (TDS)	mg/L	APHA 24 th Ed.2023, 2540B,C&D	564	500	2000
Total Alkalinity (as CaCO ₃)	mg/L	IS 3025 (Part-23): 2023	223	200	600
Total Hardness (as CaCO ₃)	mg/L	APHA 24 th Ed.2023, 2340 C	217	200	600
Chloride (as Cl)	mg/L	APHA 24 th Ed.2023, 4500 Cl-B	82.5	250	1000
Sulphate (as SO ₄)	mg/L	APHA 24 th Ed.2023, 4500 SO ₄ ²⁻ -E	54.6	200	400
Calcium (as Ca)	mg/L	IS 3025 (Part-40): 2019	58.6	75	200
Discipline : Chemical		Group : Residues in Water			
Magnesium (as Mg)	mg/L	IS 3025(Part-46): 2023	17.2	30	100
Iron (as Fe)	mg/L	APHA 24 th Ed.2023, 3111B	0.094	1.0	No Relaxation

Remarks: pH done at Lab.

Mongia Steel Ltd.

Reviewed by
Akash Kumar
Quality Manager

Director
****End of Report****
Authorised Signatory
Dr. Deependra Kumar Sinha
Ph. D. Environmental Engg.

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Technical Manager

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