



State Level Environment Impact Assessment Authority, Jharkhand.

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

Ranchi, Date:

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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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.

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.



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 within 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.



- 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 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)

- 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

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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.



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 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 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: PM₁₀, 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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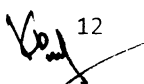


- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must 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.



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- 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.

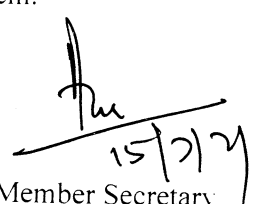
Sd/-
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.

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

Dated: 15/07/2021

Copy to:

1. Additional Chief Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, Giridih, District- Giridih, Jharkhand.
3. Divisional Forest Officer, Giridih East Forest Division, Giridih, Jharkhand.
4. Divisional Forest Officer, Wildlife Division, Hazaribagh, Jharkhand.
5. Director IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryavaran Bhavan, Jorbag Road, Aliganj, New Delhi – 110003.
6. Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bungalow No. A-2, Shyamli Colony, Ranchi – 834002.
7. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
8. Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
9. Website.
10. Guard file.


15/7/21
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.