



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Director

MITTALTECH STEEL & CEMENT PVT. LTD.

102 Madhurani complex, Gola Road, Bailey road, patna, Bihar, Patna, Bihar-801503

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/BR/IND/136756/2020 dated 26 Oct 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC21A009BR113899 |
| 2. File No. | J-11011/41/2020-IA(II) |
| 3. Project Type | New |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 3(b) Cement plants |
| 6. Name of Project | Installation of Cement Grinding Unit of 0.60 MTPA Capacity (Product Mix of OPC, PPC, PSC & PCC) in two Phases (1st Phase: 1000 TPD & 2nd Phase: 1000 TPD) of M/s MITTALTECH Steel & Cement Pvt. Ltd. |
| 7. Name of Company/Organization | MITTALTECH STEEL & CEMENT PVT. LTD. |
| 8. Location of Project | Bihar |
| 9. TOR Date | 08 May 2020 |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 06/12/2021

(e-signed)
Sundar Ramanathan
Scientist E
IA - (Industrial Projects - 1 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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and Virtuous Environment Single-Window Hub)*



This refers to your proposal no. IA/BR/IND/136756/2020 received on 26/10/2021 through PARIVESH Portal for grant of **Environment Clearance (EC)** for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered under category 'B' of item 3(b) Cement Plants, and attracts General Condition (iv) due to presence of Inter-state boundary of Bihar and Uttar Pradesh at a distance of 4.0 km in NW, thus the proposal is appraised at Central level.
3. Accordingly, the above-mentioned proposal has been considered in **48th meeting of Re-constituted Expert Appraisal Committee (Industry 1 Sector) held on 11-12th November, 2021**. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in/>.
4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1) are as under: -

S No.	Particulars	Details
a.	Terms of Reference for undertaking EIA study	08/05/2020
b.	Period of baseline data collection	December, 2019 to February, 2020 Additional one month data for Revalidation (May, 2021)
c.	Date of Public Consultation	29/09/2020
d.	Action plan to address the PH issues	An amount of Rs. 150 lakhs have been earmarked to address the issues raised during public hearing.
e.	Location of the project	Kurari Village, Durgawati Tehsil, Kaimur District, Bihar
f.	Latitude and Longitude of the project site	Latitude: 25°12'34.96" N to 25°12'39.71" N Longitude: 83°26'39.96" E to 83°26'45.13" E
g.	Total land	1.65 ha
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total land of 4.08 acre (1.65 ha) is completely under the possession of the company.
i.	Existence of habitation & involvement of R&R, if any	Nil
j.	Elevation of the project site	75-76 m AMSL
k.	Involvement of Forest land if any.	Nil
l.	Water body exists within the project site as well as study area	Project site: Nil. Study area: Karamnasa River (3.5 Km/ NNW) Kohira Main Canal (3.0 Km/West) Gihuwan Nadi (5.0 Km/ ESE) Kohira Nala (5.5 Km/SE)
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve /	Nil.

S No.	Particulars	Details
	elephant reserve etc. if any within the study area	
n.	Project cost	INR 4556.73 Lakhs
o.	EMP cost	INR 225 Lakhs
p.	Employment opportunity	45 Nos
q.	Water and Power requirement	Water – 5.0 m ³ /day, Power – 4000 KVA

Unit configuration and capacity:

S No	Units	Proposed Capacity (MTPA)
1.	Cement Grinding Unit (OPC, PPC, PSC & PCC)	0.6 (2 x 0.3)

5. The EAC, in its 48th meeting of the Re-constituted EAC (Industry-I) held on 11-12th November, 2021, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the paragraph given below.
6. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to grant Environment Clearance for instant proposal of M/s. Mittal Tech Steel and Cement Private Limited under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific condition

- Green belt shall be developed in 33% of the total area all along the entire periphery of the area with a density of 2500 trees per ha by 31st December, 2022 as committed. This shall include development of green belt with a width of 20 m within the project site towards Kurari village located at distance of 50m from the project site.
- Particulate matter emission from all the stacks shall not exceed 30 mg/Nm³.
- Rain Water harvesting shall be implemented as per the action plan submitted in the EIA report.
- All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.
- Slip roads shall be provided at the gates and along crossings on main roads.
- All internal and connecting road to the Highway shall be black topped/ concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guideline and completed by 31st December 2021.
- Prior permission of the Competent Authority shall be obtained for withdrawal of 5 KLD of ground water from the bore well.

B. General conditions

I. Statutory compliance:

- The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 Continuous Emission Monitoring System (CEMS) at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS shall be connected to SPCB and CPCB online servers and calibrate these systems 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 install system carryout to 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.
- iii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. The project proponent shall ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- vi. The project proponent shall provide wind shelter fence and chemical spraying on the raw material stock piles;
- vii. Ventilation system shall be designed for adequate air changes as per the prevailing norms for all tunnels, motor houses, and cement bagging plants.

III. Water quality monitoring and preservation

- i. The project proponent shall regularly monitor 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 recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iii. 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
- iv. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- v. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.

- ii. Provide the project proponent for LED lights in their offices and residential areas.
- iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.

VI. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the Programme for reduction of the same including carbon sequestration by trees in the plant premises.

VII. 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.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

VIII. Environment Management


- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
- 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 / 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.

IX. 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, NOx (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.

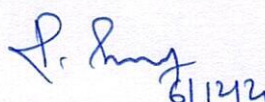
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement 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.
- 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 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.
- ix. 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).
- x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

7. This issues with the approval of the Competent Authority.


(Sundar Ramanathan)
Scientist 'E'

Copy to: -

1. Secretary, Department of Environment & Forests, Government of Bihar Patna.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Bungalow No. A-2, Shyamali Colony, Ranchi – 834002,
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. Chairman, Bihar State Pollution Control Board Beltron Bhawan, Shastri Nagar Jawahar Lal Nehru Marg, Patna – 800 023.
5. Member Secretary, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. District Collector, Kaimur District, Bihar.
8. Guard File/Record File/Monitoring File.
9. MoEF&CC Website.


(Sundar Ramanathan)
Scientist 'E'