

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND/263975/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.
Date: 20/06/2022

To
M/s. Bhagawati Ferro Metal Prv. Ltd.
G-7 & 8, MIDC, Malegaon, Sinnar Nashik

Sub : Environment Clearance for revalidation in earlier EC No. SEAC-2011/CR-524/TC-2, Dated 01/04/2015 for Sponge Iron Project Located at G-7 & 8, MIDC, Malegaon, Sinnar Nashik by M/s. Bhagawati Ferro Metal Prv. Ltd.

Ref : 1. Application no- SIA/MH/IND/263975/2022
2. EC. No. SEAC-2011/CR-524/TC-2, Dated 01/04/2015

With reference to above subject matter, it is noted that, you have received Environment Clearance vide SEAC-2011/CR-524/TC-2, Dated 01/04/2015. You have further applied for revalidation of Environment Clearance for said project within validity of the aforesaid EC vide above ref. (1). Your proposal for revalidation was considered in 243rd (Day-4) meeting of SEIAA and as per decision taken in the meeting, the environment clearance granted vide above ref. (2) is extended for a period up to 31.03.2026.

All the conditions stipulated in the original EC vide ref (2) shall remain the same.


(Manisha Patankar Mhaiskar)
Member Secretary, SEIAA
20/06/2022

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-2011/CR-524/TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 23rd September, 2016.

To,
M/s. Bhagwati Ferro Metal Pvt Ltd.
Plot No. G-7, MIDC, Malegaon,
Sinnar, Dist. Nashik- 422113.

Subject: - Environment clearance for proposed Sponge Iron project at Plot No. G-7, MIDC, Malegaon, Sinnar, Dist. Nashik by M/s. Bhagwati Ferro Metal Pvt Ltd.

Reference- Even number environment clearance letter dated 1st April, 2015.

Sir,

This has reference to your communication on the above mentioned subject.


2. It is noted that, the proposal earlier considered by SEIAA in its 82nd meeting & decided to accord grant of EC to the project. Accordingly EC has been issued to the project vide letter dated 1st April, 2015.

3. Project information from documents submitted by you & considered by SEAC & SEIAA was summarized in even number environment clearance letter dated 1st April, 2015.

It is noted that information on following point are corrected as-

Point	As per EC issued on 1 st April, 2015	Proposed Correction
Subject	Environment clearance for proposed Sponge Iron project at Plot No. G-7, MIDC, Malegaon, Sinnar, Dist. Nashik by M/s. Bhagwati Ferro Metal Pvt Ltd	Environment clearance for proposed 25000 TPM of M.S. Billets project at Plot No. G-7, MIDC, Malegaon, Sinnar, Dist. Nashik by M/s. Bhagwati Ferro Metal Pvt. Ltd.
Estimated capital cost of the project:	55 Crores	75.06 Crores.

2. Terms and conditions stipulated in even number environment clearance letter dated 1st April, 2015 remains the same.


(S. M. Gavai)
Member Secretary, SEIAA

Copy to:

1. Additional Secretary, MOEF, 'MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
2. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
3. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
4. Commissioner, Municipal Corporation Nashik (NMC)
5. Regional Office, MPCB, Nashik
6. Collector, Nashik
7. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
8. Select file (TC-3)

(EC uploaded on)

Government of Maharashtra

SEAC-2011/ CR-524/TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 1st April, 2015

To,
Mr. S.P. Mishra
Plot no.G-7, MIDC Malegaon,
Tahsil – Sinnar, District: Nashik.

Subject: Environment clearance for proposed Sponge Iron project at Plot No. G-7, MIDC, Malegaon, Sinnar, Dist. Nashik by M/s. Bhagwati Ferro Metal Pvt Ltd

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 94th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 82nd meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 3(a) B1 as per EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of the Project	M/s Bhagwati Ferro Metal Pvt. Ltd. at plot no.G-7, MIDC Malegaon, Tahsil – Sinnar, District: Nashik (Maharashtra)
Project Proponent	Mr. S.P. Mishra
Consultant	Pollution & Ecology Control Services
New Project / Expansion in existing	New Project, It is proposed to manufacture 25000 TPM M.S. Billets.
Activity schedule in the EIA Notification	The project falls under the Category 'B' of the Schedule of EIA Notification, 2006. Item no. – 3(a)
Area Details	Total plot Area (sq. m.): 88000 Sq.Mtrs Proposed Built up Area (sq. m.): 17375 Sq.Mtrs
Name of the Notified Industrial area	MIDC Malegaon
TOR given by SEAC? (if yes then specify the	53 rd Meeting of the State Level Expert Appraisal Committee (SEAC)

meeting)					
Estimated capital cost of the project:	55 Crores				
Location details of the project:	Latitude - 19 ⁰ 53' 20" N Longitude - 73 ⁰ 58' 39" E Location- MIDC Malegaon, Nasik in Maharashtra Elevation above Mean Sea Level (meters) – 740 m				
Raw materials (including process chemicals, catalysts, & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tonnes/month) full Production capacity	Source of materials	Means of transport (Source to storage with justification)
	MS Scrap	Lumps	22400 TPM	Open Market	Tarapaulin covered trucks
	Sponge Iron	Lumps	5600 TPM	Open Market	Tarapaulin covered trucks
Production details	Name of Products, By products and Intermediate Products	Proposed activity (new / modernization / expansion) (T/Year)	Total (T/Year)		
	M.S. Billets,	25000 TPM	25000 TPM		
Total Water Requirement	Total water requirement: Fresh water (CMD): 350 m ³ /day & Source - MIDC Recycled water (CMD): 320 m ³ /day Use of the water : Process(CMD): m ³ /day Cooling water(CMD):320 m ³ /day DM Water (CMD): m ³ /day				

	Dust Suppression(CMD): treated water will be reused Drinking (CMD): 20 m ³ /day Green belt(CMD): 10 m ³ /day						
Sewage generation and treatment	Amount of sewage generation (CMD) - 17 m ³ /day Proposed treatment for the sewage – It will be treated in Sewage Network of MIDC Capacity of the STP (CMD) (If applicable) – a packaged type STP of 20m ³ /day is proposed.						
Solid waste Management:	Sr. No	Source	Qty (TPM)	Form (Sludge/Dry/Slurry etc.)	Composition		
	3.	Process	750 TPM		Slag from Induction Furnace		
<p>If waste (s) contains any hazardous/toxic substance/radioactive materials or heavy metals, provide quantity, disposal data and proposed precautionary measures.</p> <p>Initially the slag will be used for hardening of working area, internal roads. Later on it will be sold to nearby stone quarries for refilling purpose.</p>							
Stack Emission Details:	Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (TOP) (m)	Emission Rate		Temp. of Exhaust Gases
					For SO ₂	For NO _x	
	Stack attached to Induction Furnace	1	30m	1.6m	-	-	50 ⁰ C
Emission Standard	Pollutants (SPM,SO ₂ ,	Emission Standard Limit (mg/Nm ³)		Proposed Limit	MPCB Consent		

	etc)		(mg/Nm ³)	(mg/Nm ³)
	PM ₁₀ , PM _{2.5} , SO ₂ , NO _x , CO	PM ₁₀ - 60 - 100 µg/m ³ , PM _{2.5} - 40 - 60 µg/m ³ SO ₂ - 40 - 80 µg/m ³ NO _x - 50 - 80 µg/m ³ CO - 2.0 - 4.0 mg/m ³		
Ambient Air Quality Data	Pollutant	Permissible Standard	Predicted Concentration (in µg/m ³)	Remarks
	SPM	PM ₁₀ - 100 µg/m ³ , PM _{2.5} - 60 µg/m ³	PM ₁₀ - 27.6 to 54.9 µg/m ³ , PM _{2.5} - 9.4 to 25.5 µg/m ³	All parameters are within limits after commissioning of the plant.
	SO ₂	80 µg/m ³	SO ₂ - 6.8 to 12.8 µg/m ³	
	NO _x	80 µg/m ³	NO _x - 7.6 to 14.7 µg/m ³	
	CO	4 mg/m ³	CO - <0.2 mg/m ³	
Energy	Power supply: • Existing power requirement: • Proposed power requirement: 20 MVA			
Green Belt Development	Green belt area (Sq. m.): 30% of total land Number and species of trees to be planted - Approximately 1000 trees per Ha will be planted in consultation with the local Forest Department Number, size, age and species of trees to be cut, trees to be transplanted			
Details of Pollution Control Systems:	Sr. No.		Existing pollution control system	Proposed to be installed
	i.	Air		Bag filter
	iii.	Noise	Nil	Ear muffs/ear plugs will be provided to the

			workers, Acoustic laggings and silencers will be provided in equipment	
Environmental Management Plan Budgetary Allocation	Capital cost (With break up):			
	O& M cost (With break up):			
	Sr. No.		Recurring Cost per annum in Rs.	Capital cost in Rs.
	1.	Air Pollution Control	Rs. 3.00Lacs	Rs. 70.00 Lacs
	2.	Water Pollution Control	Rs. 2.00 Lacs	Rs. 25.00 Lacs
	3.	Noise Pollution Control	Rs. 0.50 Lacs	Rs. 1.00 Lacs
	4.	Environment Monitoring and Management	-	-
	5.	Reclamation borrow/mined area (If applicable)	-	-
	6.	Occupational Health	Rs. 1.00 Lacs	Rs. 2.00 Lacs
	7.	Green Belt	Rs. 1.00 Lacs	Rs. 2.00 Lacs
	8.	Solidwaste management	Rs. 2.50 Lacs	Rs. 20.00 Lacs
9.	Others (Pl. Specify)	-	-	
	Total	Rs. 10.00 Lacs	Rs. 120 Lacs	

3. The proposal has been considered by SEIAA in its 82nd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

General Conditions for Pre- construction phase:-

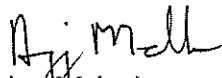
- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iii) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.

- (iv) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
- (v) Proper Housekeeping programmes shall be implemented.
- (vi) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
- (vii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (ix) Arrangement shall be made that effluent and storm water does not get mixed.
- (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xi) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xviii) The company shall undertake following Waste Minimization Measures :
 - Metering of quantities of active ingredients to minimize waste.
 - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - Maximizing Recoveries.
 - Use of automated material transfer system to minimize spillage.
- (xix) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxi) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of

the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department

- (xxiv) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxv) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxvi) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxvii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectorai parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxviii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxix) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Ajoy Mehta)
Principal Secretary,
Environment department &
MS, SEIAA.

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune – 411014. .
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Nashik.
7. Collector, Nashik
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 4/4/2015)