



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

To,

The Director
OM SAIRAM STEELS AND ALLOYS PVT LTD
Plot No F-2, ADDL. MIDC, Phase-II, Jalna, District-
Jalna,,Jalna,Maharashtra-431203

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/MH/IND/228546/2015 dated 19 Sep 2021. The particulars of the environmental clearance granted to the project are as below.

- EC Identification No.** EC21A008MH166416
- File No.** IA-J-11011/57/2015-IA-II(I)
- Project Type** Expansion
- Category** A
- Project/Activity including Schedule No.** 3(a) Metallurgical industries (ferrous & non ferrous)
- Name of Project** Environmental Clearance for for Expansion of Steel Pant(1000TPD Sponge Iron; 1000 TPD Billet; 50MW Captive Power; 1000 TPD TMT to 1000 TPD Sponge Iron; 3000 TPD Billet; 3000 TPD TMT; 50MW Captive Powe
- Name of Company/Organization** OM SAIRAM STEELS AND ALLOYS PVT LTD
- Location of Project** Maharashtra
- TOR Date** 05 Sep 2019

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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This refers to your proposal no. **IA/MH/IND/228546/2015** dated **19/09/2021** and subsequent reply to the additional information dated 2/11/2021 through Parivesh portal seeking **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 listed at schedule no. 3 (a) Metallurgical industries (Ferrous & non-ferrous) under Category "A" of the schedule of the EIA notification, 2006 and appraised at Central level.
3. Accordingly, the above-mentioned proposal has been considered by the **Re-constituted EAC (Industry-I) in its 45th meeting held on 28-29th September, 2021 and re-considered in the 48th meeting 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 expansion proposal as presented during the above-mentioned meeting of EAC (Industry 1) are as under: -

S. No.	Particulars	Details		
a.	Terms of Reference for undertaking EIA study	05/09/2019		
b.	Period of baseline data collection	December 2018 to February, 2019		
c.	Date of Public Consultation	10/02/2020		
d.	Action plan to address the PH issues	Capital cost for environmental protection measures including budget for complying public hearing commitment is proposed as Rs. 13.68 Crore.		
e.	Location of the project	Plot No.1,2,3,8,9,10, Add. MIDC Phase II and Gut No. 46 & 63 at Village Daregaon, District Jalna, Maharashtra.		
f.	Latitude and Longitude of the project site	Corner	Latitude	Longitude
		A	19°50'53.65"	75°50'45.04"
		B	19°50'51.09"	75°50'45.15"
		C	19°50'51.12"	75°50'45.68"
		D	19°50'46.50"	75°50'41.26"
		E	19°50'46.36"	75°50'33.88"
		F	19°50'45.56"	75°50'33.93"
		G	19°50'45.42"	75°50'31.96"
		H	19°50'46.34"	75°50'31.85"
		I	19°50'46.07"	75°50'29.11"
		J	19°50'48.98"	75°50'28.76"
		K	19°50'50.00"	75°50'35.75"
		L	19°50'52.74"	75°50'35.53"
g.	Total land	6.86 ha [Government land] Project area is 5.3473 ha along with extra land of 1.5127 ha allocated by MIDC for Greenbelt Development inside the Industrial Area.		
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total land has been leased out from MIDC for industrial development.		

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S. No.	Particulars	Details			
		S No	Plot No	Area (ha)	Remark
		1	F1	05367	Lease executed on 23 rd October, 2003
		2	F2	0.574	
		3	F3	0.423	Lease executed on 8 th October, 2008
		4	F8	0.45	Lease executed on 2 nd February, 2009
		5	F9	0.45	Lease executed on 2 nd February, 2009
		6	F10	0.9036	Lease executed on 2 nd February, 2009
		7	Gut.46	1.21	Amalgamated vide letter No MIDC/ROA/ADDI Jalna/108/2009 dated 26/2/2009
		8	Gut.63	0.8	purchased on 17/08/2009
		9	D.53	0.9244	Amalgamated vide letter No 2687 dated 17/05/2018 for greenbelt development
		10	Adjoining plot F1,F2,F3,	0.5883	This area is amalgamated to plant area for greenbelt development vide letter no MIDC/ROA/ADDI/Jalna/ 541/ 2010 dated 04/02/2010
i.	Existence of habitation & involvement of R&R, if any	Proposed enhancement project is coming within the existing plant premises. Hence no land acquisition is required. Therefore, no R&R is required.			
j.	Elevation of the project site	529 m above MSL			
k.	Involvement of Forest land if any.	No forest Land involved.			
l.	Water body exists within the project site as well as study area	Project site: Nil Study area: Following water bodies are present: <ul style="list-style-type: none"> • Moti Talab-1.94 Km SE • Mukteswar Talab-3.25 Km SE • Kundalika River-3.93 NE 			
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil			
n.	Project cost	INR 107.15 Crore [Expansion]			
o.	EMP cost	INR 13.68 Crores (Capital Cost) including implementation of Public Hearing action plan INR 4.85 Crores (Recurring Cost)			
p.	Employment opportunity	610 nos.			
q.	Water and Power requirement	• Water – 832 KLD [Fresh Water requirement]			

S. No.	Particulars	Details
		<p>Further, the proponent submitted revised water balance plan for reducing the make-up water (from 832 KLD to 763 KLD) and enhancing the re-circulated water (from 9865 KLD to 10017 KLD) by tertiary treatment of ETP and STP water.</p> <ul style="list-style-type: none"> • Power – 58 MW

Unit configuration and capacity:

SNo	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configuration	Production TPD	Configuration	Production TPD	Configuration	Production TPD
1	Induction Furnace (Billets)	1 x 40 T 3 x 30 T	1000 TPD	2 x 40 T & 3 x 60 T by modification of existing 3 x 30 T furnace to 3 x 60 T furnaces & addition of 1 x 40 T Furnace	2000 TPD	2 x 40 T 3 x 60 T	3000 TPD
2	Sponge Iron	2 x 500 TPD	1000 TPD	-	-	2 x 500 TPD	1000 TPD
3	CPP	50 MW (24 MW FBC + 26 MW WHRB)	50MW	-	-	50 MW (24 MW FBC + 26 MW WHRB)	50MW
4	TMT Bars	1000 TPD	1000 TPD	2000 TPD	2000TPD	3000 TPD	3000 TPD

5. The Re-constituted EAC (Industry-I) EAC in its 48th meeting 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. Om Sairam Steels & Alloys** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific conditions

- i. 763 KLD water shall be sourced from Maharashtra Industrial Development Corporation (MIDC) supply. No ground water abstraction is permitted.
- ii. Green belt shall be developed in 40% of the total area all along the entire periphery of the area with a density of 2500 trees per ha. as committed by the PP. This shall include development of green belt in 1.5127 ha additional land allocated by MIDC inside the Industrial Area.
- iii. Particulate matter emission from all the stacks shall not exceed 30 mg/Nm³.
- iv. Rain Water harvesting shall be implemented as per the action plan submitted in the EIA report.

- v. 100 % solid waste generated in the facility shall be utilized. Maximum 90 days storage capacity shall be allowed inside the plant complex for solid wastes.
- vi. 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.
- vii. Slip roads shall be provided at the gates and along crossings on main roads.
- viii. Performance monitoring of all Pollution Control Devices shall be carried out annually and report submitted to MoEF&CC, Regional Office.

B. General conditions

I. Statutory compliance:

- i. 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 at process stacks to monitor stack emission as well as three Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS 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 monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. 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.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- viii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF); 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 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 recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. 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. 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. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. Waste management

- i. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces.
- ii. Kitchen waste shall be composted or converted to biogas for further use.

VII. 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 including plantation.

VIII. 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.

IX. 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.

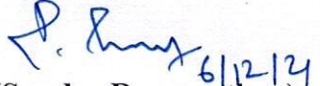
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

X. 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.
- 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 and Forest, Govt. of Maharashtra, Secretariat, Mumbai.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-440001
3. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
4. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
5. Chairman, Maharashtra Pollution Control Board, Kalpatru Point, Sion Circle, Sion (East), Mumbai-400 022, Maharashtra.
6. District Collector, Jalna District, Maharashtra.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website


(Sundar Ramanathan)
Scientist 'E'

