

Date 05.01.2023

To,
Regional office,
Ministry of Environment, Forest and Climate Change
A-209 & 218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur, Rajasthan-302004

Sub: Six-monthly Compliance (DEC 2023) of the stipulated Environmental conditions/safeguards in the Environmental clearance letter and Environmental Monitoring Report for Expansion in the production capacity under Para 7 (ii) of EIA notification 2006 for enhancement in the production capacity of MS Billets from 1,32,000 TPA to 1,58,400 TPA & TMT Bars 2,00,000 TPA with existing facility of two induction furnace (20 MT each) and Reheating Furnace (30TPH) and Rolling Mill by M/s SBF Ispat Pvt. Ltd.

Ref: Environmental Clearance Letter No. File No. - IA-J-11011/29/2018-IA-II(IND-I) dated 16/03/2023

Dear Sir,

With reference to the Environmental Clearance granted to our above said project by State Level Environment Impact Assessment Authority, Rajasthan, we are herewith submitting point wise status of compliance of general and specific conditions of the EC letter in accordance with the provision of EIA notification 2006 and its amendment.

Following documents are attached herewith for your kind perusal:

1. Point-wise compliance of the stipulated environmental conditions/safeguards.
2. Environmental monitoring report along with other necessary permissions/documents.

We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us. Details of Representative are as follows:

Name	Mr Rajaram Yadav
Designation	CEO
Contact no.	9352884311
Email ID	Sbfispat2017@gmail.com

Thanking you,

Yours Sincerely,

For M/s SBF Ispat Pvt. Ltd.

(Authorized Signatory)

CC:

1. The Member Secretary, Rajasthan Pollution Control Board, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur, Rajasthan 302004.
2. The Member Secretary, State Level Environment Impact Assessment Authority, Aravali Bhawan, Jhalana, Institutional Area, Jaipur, Rajasthan-302004.

COMPLIANCE

REPORT

**HALF-YEARLY COMPLIANCE OF STIPULATED ENVIRONMENTAL
CONDITIONS/ SAFEGUARDS IN THE ENVIRONMENTAL CLEARANCE**

EC Identification No. EC23A008RJ167160,

File No. - IA-J-11011/29/2018-IA-II (IND-I) dated 16/03/2023- Annexure-I

“Expansion in the production capacity under Para 7 (ii) of EIA notification 2006 for enhancement in the production capacity of MS Billets from 1,32000 TPA to 1,58,400 TPA & TMT Bars 2,00,000TPA with existing facility of two induction furnace (20 MT each) and Reheating Furnace (30TPH) and Rolling Mill

BY

M/S SBF ISPAT PVT. LTD

S. No.	Conditions	Status of Compliance
PART A – SPECIFIC CONDITIONS :		
i.	The existing environmental clearance granted by the by SEIAA, Rajasthan Vide File No- F1 (4)/ SEIAA/ SEAC-Raj/ Sectt/ Project/Cat.7 (d) B1 (15541)/2018-19, dated 01.04.2019 shall also remain active and the project proponent shall comply with all the terms and conditions mentioned in the EC dated 01.04.2019.	Agreed. We are complying all the conditions mentioned in the EC dated 01.04.2019.
ii.	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Agreed. We are implementinf all the recommendation given in EIA/EMP report in respect of environmental management and risk mitigation measures related to project.
iii.	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Agreed. We will submit along with next compliance Report.
iv.	In pursuance to MoEF&CC OMs dated 31 st October, 2019 & 30 th December, 2019 issued in compliance of the order of Hon'ble NGT in OA No. 1038/2018 dated 19th August, 2019, the compliance of all the conditions applicable to CEPI shall be implemented.	Agreed. Greenbelt photos are attached as Annexure-II .

	Greenbelt shall be planned in 40% of the project area. CER allocation shall be 1.5 times of the normal calculated amount.	
v.	Water requirement of 40 m ³ /day shall be sourced from ground water as proposed after obtaining necessary permission from the Competent Authority. However, PP shall explore the possibility of shifting to alternate source of water to reduce dependency on groundwater.	Agreed and being complied. Total existing Water requirement is 40 m ³ /day and is being sourced from ground water. NOC for Ground Water extraction has been obtained vide letter no. CGWA/NOC/IND/REN/2023/7635 dated 13.02.2023 valid upto 12.02.2025. No additional water will be required for the proposed expansion. Copy of NoC is attached as Annexure-III .
vi.	Following additional arrangements to control fugitive dust shall be provided: Fog/Mist Sprinklers at all conveyors point and on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. Proper covered vehicle shall be used while transport of materials. Wheel Washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Agreed and is being complied.
vii.	All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.	Agreed and is being complied. Project site located in RICCO industrial area which is well connected to highways.
viii.	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.	Agreed and is being complied.
ix.	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.	Agreed and is being complied.

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x.	Particulate matter emission from stacks shall be less than 30 mg/Nm ³ . Action plan submitted to limit the dust emission shall be strictly implemented.	The emission from each of the induction furnaces will be controlled by providing a fume extraction system with bag filters for each unit and then discharge into the atmosphere through one combined stack of 30m height. The outlet dust emission from the stack will be less than 30mg/nm ³ . Whenever APC unit occur fails, the production the unit will be stopped till the air emission control system is operational. The APC unit will be interlocked with the induction furnace.
xi.	CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.	Agreed & complied. CEMS already install in the plant.
xii.	85-90% of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil as a fuel.	Agreed and will be complied.
xiii.	Solid waste utilization a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse 100% solid waste generated in the plant. c. Used refractories shall be recycled as far as possible.	Agreed and being complied.
xiv.	Sahibi River (5.71 km – WSW) and Chaundi Nadi (6.81 km – S) are flowing within 10 Km. radius of the plant site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple erosion control measures shall be implemented.	The domestic sewage which will be generated from domestic usage is being treated in the existing STP of 12 KLD capacity and the treated water is being used in greenbelt development and dust suppression. Waste water from industrial unit will be treated in settling tank with Oil/Water separator & skimmer. Continuous monitoring of effluent quality/quantity in large and medium red category industries to be followed. There will be no effluent generation as the proposed plant will adopt zero liquid discharge (ZLD).

xv.	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. MSW waste shall be treated in digester and recovered gas shall be used in the canteen.	The domestic sewage which will be generated from domestic usage is being treated in the existing STP of 12 KLD capacity and the treated water will be used in greenbelt development and dust suppression. Waste water from industrial unit is being treated in settling tank with Oil/Water separator & skimmer. Continuous monitoring of effluent quality/quantity in large and medium red category industries to be followed. There will be no effluent generation as the proposed plant will adopt zero liquid discharge (ZLD).
xvi.	The company shall also undertake rain water harvesting measures as per the plan submitted in the EIA/EMP report and reduce water dependence from the outside source.	Agreed. Rainwater harvesting deals with collection, storage and usage of rainwater from roof tops and land surfaces. The rainwater is being properly utilized by adopting appropriate rainwater harvesting mechanism. Rooftop runoff is being collected and sent to rainwater collection tank.
xvii.	The nearest habitation to plant is Tapukara village located at 2.21 km away from the project site boundary in the NE direction. Project Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The company shall also include this location in its environmental monitoring programme.	Agreed and being compiled.
xviii.	PP shall undertake village adoption and formulate Village Adoption program consisting of need based community development activities, to develop them into model villages.	Agreed and being complied.
xix.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Agreed.
xx.	Three tier Green Belt shall be developed in at least 40% of the project area in a timeframe of one year with native species all along the periphery of the project site of adequate width and tree density shall not be	Agreed and being complied. Total green area provided as per earlier granted EC is 33.23% of total project area i.e. 1.07 ha. Total no of trees to be planted as per EC

	less than 2500 per ha. Gap filling shall be undertaken and survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	=2500 * 1.07 = 2675No's We are developing additional greenbelt of 0.21 ha for expansion project. Hence total green area after expansion is 1.28 ha (40% of the total plot area). Undertaking for tree plantation & green development planning is attached as Annexure-IV and photographs of greenbelt is attached as Annexure-II .
xxi	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Agreed and being complied.
xxii	Action Plan for firefighting system including provision for flame detectors, temperature actuated heat detectors with alarms, automatic sprinkler system, fixing the location of fire water tanks, separate power system for firefighting, involvement of qualified and trained fire personnel, nearest fire station & time required to reach the proposed site shall be prepared and implemented.	Agreed and being complied.
xxiii	All the commitments made to the public during the Public Hearing/Public Consultation shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	For the expansion part public hearing was not applicable. However, we are following all the commitment made during public hearing for existing part of the project.
xxiv	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technicalguidelines- 3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project	Agreed. All applicable norms is being Followed.

	area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.	
xxv	<p>The project proponent shall adopt the Clean Air practices like mechanical collectors, wet Scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels.</p> <p>Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.</p>	The emission from each of the induction furnaces is being controlled by providing a fume extraction system with bag filters for each unit and then discharge into the atmosphere through one combined stack of 30m height. The outlet dust emission from the stack is less than 30mg/nm ³ .
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.	Agreed. Consent to Establish obtained from RSPCB vide File No. F (HDF)/Alwar (Tijara)/7018(1)/2023-2024/2206-2208 dated 06.07.2023 and CTO is under process. Copy of CTE is attached as Annexure-V.
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 two 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	Agreed and is being complied. CEMS are installed at project site.

	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.	Agreed and being complied. Fugitive emission for existing project is being monitored. Details are given in Annexure-VI . We are following the same practice for expansion.
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.	Agreed and being complied. Appropriate Air Pollution Control (APC) system is being followed for all the dust generating points including fugitive dust and the same is sufficient for expansion.
iv.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Agreed.
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.	Agreed.
vi.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Agreed and being complied. All the raw material is being transported through covered trucks and regular water sprinkling is being done on the truck route regularly for additional facilities also.
vii.	Plant internal roads shall be concreted and a vacuum cleaner shall be used to regularly clean the roads.	Agreed and complied.
viii.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Agreed and complied. Primary and secondary fume extraction system with bag filter is provided for induction Furnace.
ix.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Agreed. Plant/Process design is made keeping the said condition.
III.	Water quality monitoring and preservation	

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i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 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.	Agreed.
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.	Agreed and source of water for current project is ground water. The ground water of nearby area is being monitored twice a year by NABL accredited lab. Latest ground water quality results nearby project site done by NABL accredited is attached as Annexure-VII .
iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Agreed and complied. STP is already installed at project site. The sewage is being treated in STP. Treated water is being reused same will be followed for expansion. Photographs of STP is attached as Annexure-VIII .
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.	Agreed.
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.	Agreed and Ambient Noise & Source Noise Monitoring Reports is being done by NABL accredited. Latest noise monitoring results is attached as Annexure-VII .
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.	Agreed and expansion plant/Process is designed keeping the said condition. The stipulated conditions is being complied by the project proponent.
VI.	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,	Agreed.

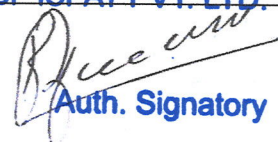
	and briquetted and reused in melting Furnaces.	
iii.	Kitchen waste shall be composted or converted to biogas for further use.	Agreed.
VII	Green Belt	
i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Agreed and greenbelt is developed keeping the said condition. The stipulated condition is being compiled.
ii.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/balancing, carbon sequestration activities and carbon offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames", when PP comes for EC proposal. This study shall be formulated keeping in view of India's Net-zero commitment at the COP-26 Climate Summit.	Agreed and will be submit along with next compliance report.
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.	Agreed and Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been prepared and is being followed. Copy enclosed as Annexure-IX .
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).	Agreed.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Agreed and Occupational health surveillance of workers is being carried out on regular basis. Copy of medical checkup of workers is enclosed as Annexure-X .
IX.	Environment Management	
i.	The project proponent shall comply with the provisions contained in this Ministry's OM	Agreed and is being complied. Details of CER done as per OM Vide F.No. 22

	vide F.No. 22-65/2017-IA.III dated 30/09/2020.	65/2017-IA.1. dated 30/09/2020 by company is enclosed as Annexure-XI .
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.	The company shall have a well laid down Agreed and company have a well laid down environmental policy duly approved by board of directors. Copy of environmental policy is enclosed as Annexure-XII .
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.	Agreed and complied with.
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.	Agreed and environmental clearance granted for their project along with the environmental conditions and safeguards is advertised in local newspapers. Copy of advertisement is enclosed as Annexure-XIII .
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.	Agreed and complied. The copies of EC was submitted to local bodies, Panchayat. Acknowledgement copy of the same is enclosed as Annexure-XIV .
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.	Agreed.

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.	Agreed and latest air quality monitoring reports are enclosed as Annexure-VII .
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.	Agreed and this report is being submitted in compliance to this point.
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.
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 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.
ix.	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	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 and 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.	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.	Noted.
9.	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
10.	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 the Environment (Protection) Act, 1986.	Noted.
11.	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.	Noted.
12.	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.	Noted.

For SBF ISPAT PVT. LTD.


Auth. Signatory