

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name		Integrated steel plant of Ms Sree Metaliks Limited At village Loidapada, P.O Guali, , Dist Keonjhar, Odisha	
Name of Entity / Corporate Office		Sree Metaliks Limited	
Village(s)		LAIDAPADA	
District		KENDUJHAR	
Proposal No.	IA/OR/IND/3016/2007	Category	Industrial Projects - 1
Plot / Survey / Khasra No.		Sub-District	Rugudi
State	ODISHA	Entity's PAN	*****1828F
MoEF File No.	J-11011/169/2007-IA.II(I)	Entity name as per PAN	SREE METALIKS LIMITED

Compliance Reporting Details**Reporting Year** 2024**Remarks (if any)****Reporting Period** 01 Dec(01 Apr - 30 Sep)**Details of Production and Project Area****Name of Entity / Corporate Office** Sree Metaliks Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	13.3535	13.3535
Revenue Land	0	0
Forest	17.1552	17.1552
Others	0	0
Total	30.5087	30.5087

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Sponge Iron	Tons per Day (TPD)	31/03/2025	800	800	800
2	captive power plant	MW	31/03/2025	28	28	28
3	Blast Furnace (Pig Iron)	Tons per Annum (TPA)	31/03/2025	36000	36000	36000
4	MS ingots	Others:TPM	31/03/2025	15000	15000	15000
5	Rolling Mill (TMT Bar)	Others:TPM	31/03/2025	3750	3750	3750
6	Fly Ash Brick	Others:lakhs no/month	31/03/2025	5	5	5

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	Bag filters shall be installed to arrest the dust particles discharged from the furnaces. Swivelling hoods of adequate size shall also be installed to collect fumes, which shall be routed through bug filters. Reverse pulse Jet arresting system shall be provided and SPM emission from the stack shall be limited below 50mg/nm3. Stack of minimum 30m shall be provided.
PPs Submission: Complied ESP and PTFE bag filters and scrubbers are attached to the stacks to arrest the dust particles. The particulate matter (PM) emissions from the stack attached to the ESP of Kilns are within the prescribed standard of the Board. All the Air Pollution control devices are running continuously and effectively. Dust catcher followed by Venturi Scrubber is provided to bring down the particulate matter in the exhaust gases connected to BF Stove is less than 50mg/Nm3. Emissions minimized by covering the runners, ladle charging points etc. Swivelling hoods of adequate size has been installed to collect fumes.		Date: 19/12/2024
2	AIR QUALITY MONITORING AND PRESERVATION	No metal iron scrap will be melted.
PPs Submission: Complied We are abiding by the said condition.		Date: 19/12/2024
3	WASTE MANAGEMENT	The total water requirement will not exceed than the permitted 241 m3/hr.
PPs Submission: Complied At present the water requirement for the plant is 661 KLD. Out of which 25 KLD ground water for drinking purpose and 636 KLD surface water for plant process. NOC for both surface water and ground water already obtained from respective Authorities.		Date: 19/12/2024
4	AIR QUALITY MONITORING AND	The gaseous emission from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May,

	PRESERVATION	1993 and standards prescribed from time to time .The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards. On-line continuous monitoring system for particulate emissions, SO2 and NOX shall be provided with sponge iron and CPP and shall make necessary arrangement for submission of On-line real time emission data to CPCB website. Interlocking facility shall be provided between pollution control equipment that in the event of the pollution control equipment not working the respective unit (s) is shut down automatically.
PPs Submission: Being Complied The gaseous emission from various process units are being conformed to the load/mass based standards notified by the MoEFCC, GoI and SPCB, Odisha time to time. The State Pollution Control Board has specified standards in its Consent order for the relevant parameters. The emission is being controlled and at no time the emission level goes beyond the prescribed standards. Online stack monitoring system for PM, SO2, NOX and CO has been attached to stacks of DRI, AFBC, and MBF and SMS. Online real time emission data from stacks are being transferred to SPCB and CPCB continuously.		Date: 19/12/2024
5	WATER QUALITY MONITORING AND PRESERVATION	The cooling water shall be completely recycled and shall not be discharged outside and Zero discharged shall be followed strictly.
PPs Submission: Being Complied In the existing plant zero effluent discharge is being maintained. The effluent generated from DRI plant, SMS and Rolling Mill units is being sent to settling tank and is being recycled through closed circuit cooling system.		Date: 19/12/2024
6	AIR QUALITY MONITORING AND PRESERVATION	The relevant environmental standards and guidelines prescribed by CPCB for Sponge Iron and Steel plants shall be followed.
PPs Submission: Agreed to Comply We are abiding by environmental standards and guidelines prescribed by the CPCB and SPCB (in its consent order).		Date: 19/12/2024
7	Statutory compliance	Sponge Iron produced within the plant shall be used conjunction with Cast Iron produced the plant.
PPs Submission: Complied We are abiding by the said condition.		Date: 19/12/2024
8	AIR QUALITY MONITORING AND PRESERVATION	Fugitive emissions, especially in the work zone area shall be regularly monitored and records be maintained as per CPCB guideline.
PPs Submission: Complied Fugitive emissions, especially in the work zone area are regularly monitored and records be maintained as per CPCB guideline		Date: 19/12/2024
9	WASTE MANAGEMENT	Slag from the Induction furnace shall be used in the existing slag crusher and the sand shall be used in civil construction and development of road, after separation of the metallic portion.
PPs Submission: Being Complied Slag from the Induction furnace crushed in slag crusher to recovery the metal which further used in induction furnace. The waste material i.e. slag sand used for road construction work inside the plant		Date: 19/12/2024

		premises and sometimes sold to outside party for road construction work.	
10	AIR QUALITY MONITORING AND PRESERVATION	In plant control measures for checking fugitive emission from all the vulnerable sources like spillage/raw materials/coal handlings etc. Shall be provided further specific measures like provision of dust extraction and suppression system consisting of water sprinkling suction hoods, fans, cyclones, bag filters, ventury scrubbers etc. shall be installed of material transfer points. furnace stock house and other enclosed raw material handling areas. Centralized de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filter on any other device and finally emitted through a stack of appropriately designed height, as prescribed above, shall be provided for kiln and waste heat recovery boiler.	
PPs Submission: Being Complied ESP and PTFE bag filters and scrubbers are attached to the stacks to arrest the dust particles. The particulate matter (PM) emissions from the stack attached to the ESP of Kilns are within the prescribed standard as per CTO. All the Air Pollution control devices are running continuously and effectively. Dust catcher followed by Venturi Scrubber is provided to bring down the particulate matter in the exhaust gases connected to BF Stove is less than 50mg/Nm3. Fugitive emissions from material handling, conveying and screening operations are being evacuated in closed systems. Fugitive emissions are being controlled by controlled wetting by the use of dry fogs and fog canons. Mobile vacuum cleaner is deployed to clean plant road etc. regularly.			Date: 19/12/2024
11	AIR QUALITY MONITORING AND PRESERVATION	Windbreakers will be installed to restrict fugitive dust.	
PPs Submission: Complied Green belt has been developed around the plant area which restricts the fugitive dust to outside the plant premises. Further, wind breakers at the down wind direction is installed			Date: 19/12/2024
12	Noise Monitoring & Prevention	Acoustic enclosures will be installed to limit the noise levels below 85 dBA.	
PPs Submission: Complied All the control rooms, HMV and D.G. sets are acoustically enclosed. The noise level is below 85 dBA.			Date: 19/12/2024
13	AIR QUALITY MONITORING AND PRESERVATION	Raw material will be stored in covered yards. Water sprinkling arrangement should be made in the raw material stock yard to control fugitive emissions materials will be transported in tippers .covered trucks, covered containers. Covered rail wagons etc.	
PPs Submission: Being Complied The coal is being stored inside a shed and iron ore is being stored open and covered by tarpaulin. Rain gun and fog canon are used for sprinkling . Water sprinklers have been installed at the loading and unloading points, raw material stock yard. Raw materials transported in trucks are covered with tarpaulin.			Date: 19/12/2024
14	GREENBELT	33 percentage of the total area shall be developed as green belt.	
PPs Submission: Being Complied Out of the total area of 29.778 Ha, 9.84 Ha (more than 33 percentage) areas have left out for plantation. Plantation has been done within 9.84 Ha. Damage plants are replaced during monsoon every year. Local species like Deodaru, Chakunda, Asan, Neem, Karanj, Aam, Panas, Amla has be planted in and around the plant premises.			Date: 19/12/2024
15	WATER QUALITY	The company shall harvest surface as well as rainwater from the	

	MONITORING AND PRESERVATION	rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
PPs Submission: Complied Surface run-off management study conducted for the unit. Accordingly harvesting structures has been made at the strategic locations. The run-off water generated from the plant area channelized through garland drain to the SRTP. After treatment the water is being used for dust suppression and green belt development.		Date: 19/12/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulation made by the concerned State Pollution Control Board and the State Government.
PPs Submission: Being Complied We are adhering to the stipulation made by the State Pollution Control Board, Odisha and the State Government of Odisha.		Date: 19/12/2024
2	AIR QUALITY MONITORING AND PRESERVATION	Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the SPCB .At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM ,SO2, and NOX are anticipated in consultation with the SPCB . It will be ensured that at least one monitoring station is set up in up wind and in down wind direction along with those in other direction .On-line data for air emissions shall be transferred to the CPCB and SPCB once in six months .The instruments used for ambient air quality monitoring shall be calibrated regularly.
PPs Submission: Being Complied Regular Ambient Air Quality Monitoring is being carried out by NABL Accredited Laboratory. Monitoring stations are set up in consultation with SPCB. Monitoring of core and buffer zone are being conducted for PM10, PM2.5, SO2, NOX and CO. The data are being submitted at SPCB and MoEFCC. We have installed 8 nos of online continuous stack monitoring system at DRI I , II, DRI III , IV, DRI V , VI, DRI VII, AFBC, MBF, SMS1 and SMS2 for particulate matter, SO2, NOx and CO. SO2 and NOx are maintained and calibrated by M/s Green Enviro, Particulate Matter has been calibrated by M/s Sree Tech. The Real Time data acquisition for DRI Unit stacks (Connection and configuration of ADAM convertors, Configuration of GPRS device to transmit the data from stack to SPCB and CPCB server being calibrated by M/s Knoweldge Lens. The monitoring data is being transmitted continuously.		Date: 19/12/2024
3	Statutory compliance	A separate environment management cell with full fledge laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
PPs Submission: Partially Complied A separate environment management cell has been made and headed by Sr. V.P-Environment. Monitoring is being carried out by NABL Accredited Laboratory.		Date: 19/12/2024
4	Statutory compliance	The concerned Regional Office of this Ministry /SPCB /Central Pollution Control Board shall monitor the implementation of the stipulated conditions .Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly. Six Monthly compliance reports shall be displayed by the Proponent at its web site.

PPs Submission: Being Complied The monthly monitoring data are being displayed in electronic display board near the gate and also uploaded at company website i.e. www.sreemetaliks.com. Six monthly compliance reports are being submitted and uploaded at company website.		Date: 19/12/2024
5	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December ,1993 or as amended from time to time .The treated wastewater shall be utilized for plantation purpose.
PPs Submission: Being Complied There is no industrial wastewater discharge as the existing plant is designed on zero effluent discharge principle. Waste water generated from plant canteen, factory toilet, staff hostel etc. are being treated through 2 nos STP having capacity 60 KLD each and the treated water used for dust suppression and gardening purpose. The run-off water generated from the plant area channelized through garland drain to the SRTP. After treatment the water is being used for dust suppression and green belt development.		Date: 19/12/2024
6	MISCELLANEOUS	Proper housekeeping and adequate occupation health programs shall be taken up regular Occupational Health Surveillance Programme for the employees and contract workers shall be carried as per the Factories Act and records shall be maintained properly for at least 30 to 40 years
PPs Submission: Being Complied Proper housekeeping and adequate occupation health programs are being taken up at regular intervals. IME and PME are being conducted as per the Factories Act and records are maintained		Date: 19/12/2024
7	MISCELLANEOUS	The project Authorities 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 and the date of start of land development work.
PPs Submission: Complied The project authority informed to the Regional Office and Ministry during the start of developmental work.		Date: 19/12/2024
8	Statutory compliance	Adequate funds shall be earmarked for the environmental protection measures and shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government .The funds so provided shall not be diverted for any other purpose.
PPs Submission: Being Complied Annually there is a specific adequate budget earmarked for the environmental protection measures and used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government .The funds are not diverted for any other purpose		Date: 19/12/2024
9	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. On all sources of noise generation.
PPs Submission: Being Complied Noise levels in and around the plant area are within the prescribed standards. Noise control measures including acoustic hoods, silencers, enclosures etc. are provided at the sources of noise generation.		Date: 19/12/2024
10	MISCELLANEOUS	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and

		Forests.
PPs Submission: Not Complied The project proponent has constructed part of the Rolling Mill-2 (Rolling mill expansion) before July 2022 and completed it subsequently without taking prior approval of MoEFCC, GoI. However, as per the MoEFCC notification dated 20th July 2022 we have applied for Environmental Clearance to regularize the said unit under violation. Rolling Mill-2 (Rolling mill expansion) has not been put into operation and kept ideal.		Date: 19/12/2024
11	Statutory compliance	The project proponent should advertise in at least two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry and Forest at http://envfor.nic.in . The advertisement should be made within 7days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bhopal.
PPs Submission: Complied The project has advertised regarding accordance of EC letter both in English and Odia News Paper. The same has been intimated to Regional office.		Date: 19/12/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.		