

Half Yearly Compliance Report**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name		SARDA METALS AND ALLOYS LIMITED	
Name of Entity / Corporate Office		SARDA METALS AND ALLOYS LIMITED	
Village(s)		KANTAKAPALLE	
District		VIZIANAGARAM	
Proposal No.	IA/AP/IND/260192/2017	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	179/4	Sub-District	Kothavalasa
State	ANDHRA PRADESH	Entity's PAN	*****6664B
MoEF File No.	J-11011/164/2009-IA.II(I)	Entity name as per PAN	Sarda Metals & Alloys Limited

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Six months EC Compliance report from 01st April 2025 to 30th September 2025
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	SARDA METALS AND ALLOYS LIMITED	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	113.7	113.7
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	113.7	113.7

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Ferro Alloy	Tons per Annum (TPA)	31/05/2026	1,50,000	101689	1,50,000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	GREENBELT	Three tier Green Belt shall be developed in 33 percentage of total project area by August, 2022 with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. 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 concern Regional Office of the MoEF and CC.
PPs Submission: Complied Complied. Three tier green belt developed above 33 Percentage of total project area with native species all along the periphery of the project site of adequate width and tree density is 2500 per ha. Survival rate of green belt being monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years.		Date: 07/11/2025
2	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
PPs Submission: Complied Greening and Paving implemented in the plant area to arrest soil erosion and dust pollution. Complied		Date: 07/11/2025
3	GREENBELT	Following additional arrangements to control fugitive dust shall be provided: a. 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. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
PPs Submission: Complied a. The industry have provided Fog / Mist Sprinklers at applicable areas at conveyors points and on bulk raw material storage areas (at the transfer points) like Iron Ore, Coal and for Fly Ash, and similar solid waste storage areas. Fog / Mist Sprinklers Photographs are attached as Annexure-1. b. The industry is Covering the vehicles while transporting the material. Photographs are attached as Annexure-2. c. The industry has provided the tyre washing facility. Annexure 3		Date: 07/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Developed all internal roads and connecting roads from the project site to the main highway and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to the existing and proposed project. Complied. Photos are attached as Annexure-4		Date: 07/11/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF CC.
PPs Submission: Complied Performance tests being conducted on all pollution control systems every year. Complied.		Date: 07/11/2025
6	AIR QUALITY MONITORING AND	Particulate matter emission from stacks shall be less than 30 mg/Nm ³ .

	PRESERVATION	
PPs Submission: Complied Complied. Plants installed before 2017 emission has to be 50mg/Nm3. Plants installed after 2017 emission levels shall be 30 mg/Nm3. SMAL is ensuring that emission levels are as per specified standards.		Date: 07/11/2025
7	AIR QUALITY MONITORING AND PRESERVATION	Submerged Arc Furnace shall be equipped with the fourth hole fume extraction system.
PPs Submission: Complied Complied. Provided fume extraction system. Photos are attached as Annexure -5		Date: 07/11/2025
8	WASTE MANAGEMENT	100 percentage slag generated from the process shall be utilized. Compliance status in this regard shall be submitted to the Regional Office of the MoEF CC.
PPs Submission: Complied Slag generated from the process being utilised and reports being submitted as guided. Complied.		Date: 07/11/2025
9	GREENBELT	PP shall do 3-tier green belt along the perimeter boundary of the project, surrounding coal dumping and raw material yard, besides block plantation with in the project area.
PPs Submission: Complied Developed 3-tier green belt along the periphery boundary of the project, surrounding coal dumping and raw material yard, besides block plantation within the project area. Photos are attached as Annexure -6		Date: 07/11/2025
10	Human Health Environment	PP shall improve the Housekeeping of the project premises with best standards.
PPs Submission: Complied SMAL adopted 5S and TPM standards which ensures good house keeping.		Date: 07/11/2025
11	AIR QUALITY MONITORING AND PRESERVATION	10 numbers of 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 and the black dust on the nearby Mango orchards of the villagers.
PPs Submission: Complied Three fog mist canons provided and remaining will be provided in next phase. 1st Phase: 1 No. of Fog Cannon is provided. 2nd Phase: 2 Nos of Fog Cannons provided. 3rd Phase: 7 Nos Photos are attached as Annexure -1		Date: 07/11/2025
12	AIR QUALITY MONITORING AND PRESERVATION	Mechanical road sweeping shall be done in the surrounding villages also periodically.
PPs Submission: Complied SMAL provided high capacity Jumbo cleaning machine to ensure good house keeping. Complied. Photos are attached as Annexure 7		Date: 07/11/2025
13	Human Health Environment	Project proponent shall follow safeguards to control the exposure of silica dust and some formaldehyde exposures arising out during production of mineral fibers. Compliance status in this regard, shall be submitted to concern Regional Office of the MoEF CC.

PPs Submission: Complied The industry established a mineral fiber plant in April this year. As per the condition, the management has taken all necessary precautions to store formaldehyde and other chemicals in the right way.		Date: 07/11/2025
General Conditions		
Sr.No.	Condition Type	Condition Details
1	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.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 07/11/2025
2	AIR QUALITY MONITORING AND PRESERVATION	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 to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Agreed to Comply Noted for compliance. The industry has provided online stack monitoring system and CAAQM systems for existing plants. The same will be implemented for the proposed project. Periodic Calibration of the same will be carried out as per the condition. OCEMS data is synchronized to APPCB and CPCB servers respectively. The data is uploading to APPCB serverURL: http://aprtmps.ap.gov.in . and CPCB http://rtdms.cpcb.gov.in-status		Date: 07/11/2025
3	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied SMAL is monitoring fugitive emissions in the plant premises once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories and reports being submitted to R.O, APPCB. Complied Environmental Monitoring reports are attached as Annexure-8		Date: 07/11/2025
4	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Identified dust generating sources and Air Pollution Control (APC) systems provided in several locations. Complied. Photos are attached as Annexure -9		Date: 07/11/2025

5	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
PPs Submission: Complied Differential pressure system being implemented for the existing plant. Same systems will be implemented for proposed plants.		Date: 07/11/2025
6	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Complied and being followed. Fines are recycling in the process after briquetting.		Date: 07/11/2025
7	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
PPs Submission: Complied SMAL is ensuring covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation. Complied and being followed.		Date: 07/11/2025
8	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces
PPs Submission: Complied Complied. Provided primary and secondary fume extraction system at all melting furnaces.		Date: 07/11/2025
9	AIR QUALITY MONITORING AND PRESERVATION	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
PPs Submission: Complied The industry has provided the ventilation system for adequate air changes in the applicable areas. Ventilation system photographs are attached as Annexure-10		Date: 07/11/2025
10	WATER QUALITY MONITORING AND PRESERVATION	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) 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.
PPs Submission: Complied Complied. Continuous effluent monitoring data is synchronized to APPCB and CPCB servers respectively. The data is uploading to APPCB server URL: http://aprtmps.ap.gov.in . and CPCB http://rtdms.cpcb.gov.in-status		Date: 07/11/2025
11	WATER QUALITY MONITORING AND PRESERVATION	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.

PPs Submission: Complied Complied and being followed. SMAL is monitoring groundwater level and quality twice in a year (pre and post-monsoon) Provided Piezometer to monitor water level. Water Quality test being carried out by NABL accredited laboratory and reports being submitted to R.O,MOEF and R.O, APPCB. reports attached in Annexure-8. and Image attached as Annexure-11		Date: 07/11/2025
12	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
PPs Submission: Complied Complied. Provided STP's to treat domestic waste water. Image attached as Annexure-12		Date: 07/11/2025
13	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
PPs Submission: Agreed to Comply Not Applicable as rolling mills not established.		Date: 07/11/2025
14	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Provided garland drains at stock piles to arrest run off in case of heavy rains. Complied		Date: 07/11/2025
15	WATER QUALITY MONITORING AND PRESERVATION	Tyre washing facilities shall be provided at the entrance/exit of the plant gates.
PPs Submission: Complied Tyre washing facility provided at plant main gate. Complied		Date: 07/11/2025
16	Noise Monitoring & Prevention	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.
PPs Submission: Complied Complied. Noise monitoring conducting regularly with NABL accredited laboratory M/s. S.V. Enviro Labs and reports being submitted to RO MoEF. Monitoring reports are attached as Annexure-8		Date: 07/11/2025
17	ENERGY PRESERVATION MEASURES	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.
PPs Submission: Complied Complied. Energy conservation measures adopted like Fixed drives changed to Variable frequency drives, Provided LED lights instead of conventional lights solar lighting system provided at buildings.		Date: 07/11/2025
18	WASTE MANAGEMENT	Used refractories shall be recycled.
PPs Submission: Complied		Date:

Complied and being followed.		07/11/2025
19	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.
PPs Submission: Complied The industry has provided Biogas system and kitchen waste being composted in the same. Generated bio-gas is being used in the kitchen for cooking. Biogas system and kitchen photographs are attached as Annexure-13		Date: 07/11/2025
20	GREENBELT	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.
PPs Submission: Complied Noted. GHG emissions intensity calculated and action plan to reduce emission intensity prepared.		Date: 07/11/2025
21	GREENBELT	Project proponent shall submit a study report on De carbonization program, which would essentially consist of companys carbon emissions, carbon budgeting or balancing, carbon sequestration activities and carbon capture, use and storage and 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 or assessments should be measurable and monitor able with defined time frames.
PPs Submission: Agreed to Comply Noted and being followed. Carbon intensity calculated for scope-1 and scope-2 and action plan is under progress to reduce carbon intensity.		Date: 07/11/2025
22	PUBLIC HEARING	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Identified emergencies as per process and prepared emergency response plan. Complied.		Date: 07/11/2025
23	PUBLIC HEARING	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 of Factory Act.
PPs Submission: Complied An industrial hygiene survey was conducted to assess workplace exposure of workmen. Action was taken as per guidelines. Aluminised suits provides for the persons working at Furnaces.		Date: 07/11/2025
24	PUBLIC HEARING	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
PPs Submission: Complied SMAL conducting medical check up once in year to all the persons working inside the premises and records being maintained for verification .Complied.		Date: 07/11/2025
25	Statutory compliance	The project proponent shall comply with the provisions contained in this Ministrys OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt Kantakapalli, Katakapalli, Kotturu, Patta

		Sunkarapalem, Kotha Sunkarapalem, Gollapeta, Chinnaraopalli, Baligattam, Chiinipalem, Sambayyapalem, Appannapalem and Nimmalapalem villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
PPs Submission: Complied Complied and being followed.		Date: 07/11/2025
26	Statutory compliance	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 MoEFCC as a part of six-monthly report.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 07/11/2025
27	Statutory compliance	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.
PPs Submission: Complied Complied by the industry. Environment cell formed with Asst. Manager and DGM-EHS. DGM-EHS directly reports to the Head of the organization.		Date: 07/11/2025
28	MISCELLANEOUS	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 proponents website permanently.
PPs Submission: Complied Noted by the industry. Industry made public the environmental clearance granted in two local newspapers of the District of which one is in the vernacular language Annexure-14		Date: 07/11/2025
29	MISCELLANEOUS	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.
PPs Submission: Complied The copies of the environmental clearance has submitted to the Heads of local bodies, Panchayats, and Municipal Bodies in addition to the relevant offices of the Government.		Date: 07/11/2025
30	MISCELLANEOUS	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.

PPs Submission: Complied Noted and being followed. The industry is submitting status of compliance of the stipulated environment clearance conditions, including results of monitored data on parivesh portal		Date: 07/11/2025
31	MISCELLANEOUS	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.
PPs Submission: Complied The industry has provided display board at the main gate. Digital Display board photographs are attached as Annexure-15		Date: 07/11/2025
32	MISCELLANEOUS	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.
PPs Submission: Complied Noted and being followed as per the condition.		Date: 07/11/2025
33	MISCELLANEOUS	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.
PPs Submission: Complied The industry has submitted Form-V to APPCB. Form-V Acknowledgement Copy is attached as Annexure-16		Date: 07/11/2025
34	MISCELLANEOUS	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
PPs Submission: Agreed to Comply Noted and will be followed as per the condition.		Date: 07/11/2025
35	MISCELLANEOUS	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
PPs Submission: Complied The industry will abide by the condition as committed.		Date: 07/11/2025
36	MISCELLANEOUS	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).
PPs Submission: Complied Noted and will ensure the same.		Date: 07/11/2025
37	MISCELLANEOUS	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.
PPs Submission: Complied Noted by the industry.		Date: 07/11/2025
38	MISCELLANEOUS	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
PPs Submission: Complied Noted by the industry.		Date: 07/11/2025
39	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
PPs Submission: Complied The industry will implement applicable conditions in time-bound manner during the project phase.		Date: 07/11/2025
40	MISCELLANEOUS	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.
PPs Submission: Complied Noted by the industry.		Date: 07/11/2025
41	MISCELLANEOUS	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.
PPs Submission: Complied Noted by the industry.		Date: 07/11/2025
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.		