

Half Yearly Compliance Report**2024****01 Jun(01 Oct - 31 Mar)****Acknowledgment**

Proposal Name	The proposal was considered as per the EIA Notification-2006, by the State Level Expert Appraisal Committee- I, Maharashtra in its 93rd meeting and recommend the project for prior Environmental Clearance to SEIAA. SEAC considered the project under screening category 8(a) B2 of EIA Notification 2006.		
Name of Entity / Corporate Office	POSCO Maharashtra Steel Pvt. Ltd.		
Village(s)	N/A		
District	RAIGAD		
Proposal No.	SEAC-2012/CR-7/TC-2	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MAHARASHTRA	Entity's PAN	AAECP9885H
MoEF File No.	SEAC-2012/CR-7/TC-2	Entity name as per PAN	POSCO MAHARASHTRA STEEL PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	Posco Maharashtra-CRNO Coil (Cold Rolled Non-Grain Oriented Electrical Steel) (ACL Plant)- Six-monthly Compliance Report (Period October 2023~March 2024)- Environmental Clearance Conditions Ref No: SEAC-2012/CR-7/TC-2 Dated 5th March 2015 by Environment Dept. Maharashtra.Category-8(a) B2.
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	POSCO Maharashtra Steel Pvt. Ltd.	
	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0

Forest	0	0
Others	8.4001	8.4001
Total	8.4001	8.4001

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	CRNO Coil (Cold Rolled Non-Grain Oriented Electrical Steel)	Tons per Annum (TPA)	30/06/2025	300000	192521	300000

Conditions

General Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	Arrangement shall be made that waste water & storm water do not get mixed.
<p>PPs Submission: Complied Yes- Complied Separate storm water drain provided. Waste water having separate piping system to ETP. Close tank collection system inside plant shed due to this there is no possibility of mixing storm water.</p>		Date: 30/05/2024
2	Statutory compliance	The Environment clearance is issued subject to obtaining NOC from Forestry & Wild life angle including Clearance from the standing committee of the National Board for Wild life as if applicable & this Environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
<p>PPs Submission: Complied SEAC considered the project under screening category 3(a) & 8 (b) B1 of EIA Notification 2006. Environment clearance copy attached for reference.</p>		Date: 30/05/2024
3	MISCELLANEOUS	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, Creche & First Aid Room.
<p>PPs Submission: Complied All facilities are provided as per Legal Compliance.</p>		Date: 30/05/2024
4	MISCELLANEOUS	Adequate drinking water & sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.

PPs Submission: Complied Complied as per Legal requirement The Factories Act 1948.		Date: 30/05/2024
5	Statutory compliance	The Solid waste generated should be properly collected and segregated. Dry/ inert solid waste should be disposed off to the approval sites for land filling after recovering recyclable material.
PPs Submission: Complied Solid waste generated should be properly collected and segregated & disposed off MPCB Authorized Party only.		Date: 30/05/2024
6	GREENBELT	Green Belt shall be developed & maintained around the plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of species & in consultation with the local DFO / Agriculture Dept.
PPs Submission: Complied Complied. Annexure-I: Green Belt Development done and will continue for further nourishment. Water sprinkler system provided for irrigation of Green Belt Area. Posco Maharashtra had Horticulture contract & employed local manpower in Horticulture for local employment (42 Persons including 3 Supervisors). Monsoon Tree Plantation – Submitted report to MPCB-SRO- Mahad on dated 28th Jun, 2023. [FY: 2022-23]. Maintained total 38% of the available open land under Green coverage/ plantation. Tree Plantation Plan for this year 6000Nos.including 9 Gram Panchayat with 28 Villages.		Date: 30/05/2024
7	WATER QUALITY MONITORING AND PRESERVATION	Treated Waste Quality Monitoring (WWTP) Reports.
PPs Submission: Complied Treated Waste Quality Monitoring (WWTP) tested Reports by MPCB Joint Vigilance Sampling (JVS), External MoEFCC approved Lab. Reports & Posco Maharashtra In-House Internal Laboratory testing reports on daily basis. (Period from Oct'23~Mar'24).		Date: 30/05/2024
8	WATER QUALITY MONITORING AND PRESERVATION	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals & other toxic contaminants.
PPs Submission: Complied Ground water samples are tested by external MoEF approved Laboratory on six monthly & quarterly basis. Reports attached Annexure-II		Date: 30/05/2024
9	WATER QUALITY MONITORING AND PRESERVATION	Drinking Water Quality Monitoring Reports.
PPs Submission: Complied Drinking Water Quality Monitoring tested reports by external MoEFCC approved Lab. reports on quarterly basis. (Period from Oct'23~Mar'24).		Date: 30/05/2024
10	Statutory compliance	The installation of STP should be certified by an independent expert and a report in this regard should be submitted to the MPCB & Environment Dept. before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the max. Extent possible. Necessary measures should be made to mitigate the odor problem from STP.
PPs Submission: Complied		Date:

Complied. Effluent water testing to be done in Posco Maharashtra Internal (In-house) & External MoEFCC approved laboratory. Reports are produced to MPCB & Environment. Dept. as & when required. WWTP reports are attached for reference.		30/05/2024
11	Statutory compliance	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for Air & Noise Emission Standards.
PPs Submission: Complied Complied-Legal Compliance-Eleven meter height stack installed for 600 KVA D.G. Set Air source stack emission monitoring & Insertion Loss at 0.5 meter away from Acoustic cover conducted on six monthly basis. D.G. Set Air source stack monitoring & Noise level reports are attached.		Date: 30/05/2024
12	Noise Monitoring & Prevention	Ambient noise levels should conform to residential standards both during day & night.
PPs Submission: Complied Yes- Complied. Annexure-III: Ambient Noise & Work zone Noise Level Monitoring Reports as per The EP Act 1986. (Period from Oct'23~Mar'24). Regular Workplace Noise Level Monitoring done as per The Factories Act 1948. (Period from Oct'23~Mar'24). We have monitoring Noise Level through MoEFCC approved lab & ensure it is maintained as per EP Act standard. Earplugs, Ear muffs are provided to all workers for protecting them from Noise.		Date: 30/05/2024
13	MISCELLANEOUS	Fly ash should be used as building materials in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100KM of Thermal Power stations.
PPs Submission: Complied Not Applicable		Date: 30/05/2024
14	Statutory compliance	Noise should be controlled to ensure that it does not exceed the prescribed standards.
PPs Submission: Complied Complied. Annexure-III Work zone Noise & Ambient Noise Level Monitoring Reports as per The EP Act 1986. Ambient Noise Level Monitoring done as per The Environment Protection Act 1986 (Period Oct'23~Mar'24). Regular Workplace Noise Level Monitoring done as per The Factories Act 1948. (Period Oct'23~Mar'24) We have monitoring Noise Level through MoEFCC approved lab & ensure it is maintained as per EP Act standard. Earplugs, Ear muffs are provided to all workers for protecting them from Noise.		Date: 30/05/2024
15	Statutory compliance	The ground water level & its quality should be monitored regularly in consultation with Ground Water Authority.
PPs Submission: Complied Ground water samples are tested by external MoEF approved Laboratory on six monthly & quarterly basis. Reports attached in Annexure No. II.		Date: 30/05/2024
16	MISCELLANEOUS	Energy Conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design. Use of CFLs/TFLs should be properly collected and disposed off / sent for recycling as per the prevailing guidelines / Rules of the Regulatory Authority to avoid mercury contamination. Use of Solar Panels may be done to the extent possible like installing Solar Street Lights, Common Solar Water Heater System. PP should install, after checking feasibility, Solar plus Hybrid non conventional

		energy source as source of energy.	
<p>PPs Submission: Complied</p> <p>Used of solar Energy to reduce electricity cost & CO2 emission. Replacement of halogen lamp to LED: By replacing existing halogen lamps in factory facilities and yards with LED lamps. About 27% non conventional energy viz. solar used in Posco Maharashtra & achieved energy saving effects.</p>			<p>Date: 30/05/2024</p>
17	Statutory compliance	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to Rules under The Environment (Protection) Act, 1986. Use Low sulphur disel. The location of DG Set may be decided with in consultation with MPCB.	
<p>PPs Submission: Complied</p> <p>Compiled-Legal Compliance D.G. Set Air source stack emission monitoring & Insertion Loss at 0.5 meter away from Acoustic cover conducted on six monthly basis. D.G. Set Air source stack monitoring & Noise level reports are attached.</p>			<p>Date: 30/05/2024</p>
18	Statutory compliance	Project management should submit half yearly compliance report in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department, on 1stJune & 1st December of each calendar year.	
<p>PPs Submission: Complied</p> <p>Complied. Annexure-IVA: Ack. copy of submitted EC-Half Yearly Compliance report of ACL Plant on dtd. 20th Nov'23. Annexure-IVB: Ack. copy of Submitted MPCB-Environment Self Audit Report [Period from Apr'23~Mar'24].</p>			<p>Date: 30/05/2024</p>
19	Statutory compliance	Six Monthly monitoring Reports should be submitted to the Regional Office MoEF, Nagpur with copy to this Department and MPCB.	
<p>PPs Submission: Complied</p> <p>Complied Annexure-IVA: Ack. copy of submitted EC-Half Yearly Compliance report of ACL Plant on 20th Nov'23. Annexure-IVB: Ack. copy of Submitted MPCB-Environment Self Audit Report [Period Apr'23~Mar'24]</p>			<p>Date: 30/05/2024</p>
20	Statutory compliance	Under The Provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the PP if it was found that construction of the Project has been started without obtaining Environmental Clearance (EC).	
<p>PPs Submission: Complied</p> <p>Legal Compliance followed. Obtained EC & Strictly followed EC & MPCB-CTO Terms & Conditions. Till date no any Legal action taken.</p>			<p>Date: 30/05/2024</p>
21	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall upload the status of compliance of the stipulated EC conditions, including result of monitoring data on their website & shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB. The criteria pollutant levels namely SPM, RSPM, SO2, NOX (Ambient levels as well as stack emission)/ critical sectoral parameters, indicated for the project shall be monitored & displayed at a convenient location near the main gate of the company in public domain.	
<p>PPs Submission: Complied</p> <p>Complied. Annexure-V Ambient Air Quality Monitoring (AAQM) reports with Composite Reports (Oct'23~Mar'24) as per NAQM notification 2009. Ack. Copies of work zone Air & MPCB-</p>			<p>Date: 30/05/2024</p>

<p>Quarterly Statement report submitted to MPCB-Oct'23 ~Mar'24. Ambient Air Monitoring done as per NAAQS standards. Regular Stack Monitoring done as per annual Environmental Monitoring Plan. Display board has been provided at Entrance Main Gate OF Company. Provided three AAQM monitoring stations for monitoring of Ambient Air Quality.</p>		
22	Statutory compliance	<p>The Environment Statement for each Financial year ending 31st March in form V as is mandated to be submitted by the Project Proponent to the concerned State Pollution Control Board as prescribed under Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC Conditions & shall also be sent to the respective Regional Offices of MoEF by email.</p>
<p>PPs Submission: Complied Complied. Annexure - VIII: Environmental Audit statement Form-V (FY2022-2023) submitted to online MPCB portal on dated 26/09/2023. Hard copy of the same also submitted to MPCB-SRO-Office, Mahad on 27th September 2023.</p>		<p>Date: 30/05/2024</p>
23	Statutory compliance	<p>A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.</p>
<p>PPs Submission: Complied Noted & Complied. Annexure- XII Installed Rain Water Harvesting system for use of rain water for cooling tower make up which will reduce MIDC water consumption [Capacity of plant: 15~20 KL/Hr]. Rain water Qty – Daily- 80M3, Monthly – 70M3. Total -5600M3 ※ Monsoon season (June~Sep) Every Year).</p>		<p>Date: 30/05/2024</p>
24	Statutory compliance	<p>The Environment Clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law & it does not mean that project proponent has not violated any environmental laws in the past & whatever decision under EP Act or of the Hon'ble court will be binding on the PP. Hence this clearance does no give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.</p>
<p>PPs Submission: Complied Noted Till date Project Proponent has not violated any environmental laws.</p>		<p>Date: 30/05/2024</p>
25	WASTE MANAGEMENT	<p>The project authorities must strictly comply with the rules & regulations with regard to handling & disposal of hazardous wastes in accordance with the Hazardous waste (Management, handling & Trans boundary) rules 2010. Authorization from the MPCB shall be obtained for collection/treatment /storage/disposal of hazardous wastes.</p>
<p>PPs Submission: Complied Complied. Regular disposal of hazardous waste to CHWTSDF & MPCB Authorized parties. Regular online submission of Manifest for Hazardous & other Waste Form-10 to MPCB for compliance of The Hazardous & other waste (M & H) Rules 2016. Annual Returns-Hz Waste- Form IV for Financial Year 2022-2023 is submitted on MPCB Portal on 16/06/2023. Annexure-IX: Ack. copy from MPCB Annual Returns of Hz Waste (Form IV) for ACL Plant for FY: 2022-2023. Annexure-X: Submitted Monthly Regular Intimation of Hz. waste disposal [Manifest Form-10] to MPCB SRO office-Mahad. (Oct'23~Mar'24) Annexure -XI: Posco Maharashtra had taken Lifetime Membership from Mumbai Waste Management Ltd Taloja (CHWTSDF) for disposal of Hazardous waste (Membership No – MWML HZW-MHD-3461). Validity: 31/03/2026.</p>		<p>Date: 30/05/2024</p>
26	Statutory compliance	<p>A copy of the clearance letter shall be sent by proponent to the concern municipal corporation & the local NGO, if any, from whom suggestions / representations. If any, were received while processing</p>

		the proposal. The clearance letter shall also be put on the website of the company by the proponent.
<p>PPs Submission: Complied</p> <p>Complied. The clearance letter uploaded on the website of the company by the proponent. Project situated in notified At-Vile, Post-Bhagad MIDC, no Municipal corporation nearby. No suggestion received from any Local NGO, interested party during process of clearance. The clearance letter produced to Govt. bodies, NGO, Collector Office as & when required.</p>		<p>Date: 30/05/2024</p>
27	AIR QUALITY MONITORING AND PRESERVATION	The criteria pollutant levels namely SPM, RSPM, SO ₂ . NO _x (Ambient levels as well as stack emission)/ critical sectoral parameters, indicated for the project shall be monitored & displayed at a convenient location near the main gate of the company in public domain.
<p>PPs Submission: Complied</p> <p>Regular Stack Monitoring done as per annual Environmental Monitoring Plan. Display board has been provided at Entrance Main Gate OF Company. Provided three AAQM monitoring stations for monitoring of Ambient Air Quality. Annexure- VI: ACL Plant -Air Source Stack Emission Monitoring Reports. (Oct'23~Mar'24). Annexure- VII:MPCB Awarded Five Star Rating for Stack TPM Emission in Star Rating Programme.</p>		<p>Date: 30/05/2024</p>
28	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including result of monitored data (Both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB.
<p>PPs Submission: Complied</p> <p>Complied. Ack. copies of Half Yearly Report (Period Apr'23~Sep'23) Compliance of Environmental Clearance Conditions submitted on 20th Nov'23 to Integrated RO- office, Nagpur, The Zonal officer-CPCB, Parivesh Bhavan, Vadodara -Gujarat The Secretary, Environment Dept. Mumbai, MoEFCC & Climate change & MPCB (SRO-RO & H.Q.)-By Speed Post. Pl. refer Annexure IVA & IVB.</p>		<p>Date: 30/05/2024</p>
29	Statutory compliance	In case of submission of false documents and non compliance of stipulated conditions, Authority / Environment Department will revoke / suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
<p>PPs Submission: Complied</p> <p>Yes - Noted Till date there is no any deviation or alteration in the project proposed from those submitted to the Environment department for clearance.</p>		<p>Date: 30/05/2024</p>
30	Statutory compliance	The Environment Department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
<p>PPs Submission: Complied</p> <p>Noted Environment Department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department.</p>		<p>Date: 30/05/2024</p>
31	Statutory compliance	BSI Certification of Registration: Environmental Management System (EMS) - ISO 14001:2015. Posco Maharashtra Operates an Environmental Management System (EMS) which complies with the requirements of ISO 14001:2015 for the following scope: The Manufacture of Cold Rolled Non-Grain Oriented (CRNO-Semi-Processed & Fully Processed).

<p>PPs Submission: Complied</p> <p>Annexure - XIII: Posco Maharashtra Holds BSI Certification No.: EMS 687870 Environmental Management System (EMS) – ISO 14001:2015. BSI Certification No.: EMS 687871 Occupational Health & Safety Management System- ISO 45001:2018. Both Certifications Validities are same : Effective Date: 2021-02-24 Expiry Date: 2024-02-23</p>		<p>Date: 30/05/2024</p>
32	MISCELLANEOUS	<p>Environmental Awards: a) P-MH selected for “Gold Award” in “14th Exceed Green Future Award 2023” in Environment Preservation category under Steel Sector from “Sustainable Development Foundation” New Delhi. b) Posco Maharashtra has secured First position (winner) in Water Sustainability Awards 2023-2024 in Waste Water Treatment & Reuse Category organized by TERI, Ministry of Jal Shakti & UNDP INDIA.</p>
<p>PPs Submission: Complied</p> <p>Annexure- XIV: P-MH selected for “Gold Award” in “14th Exceed Green Future Award 2023” in Environment Preservation category under Steel Sector from “Sustainable Development Foundation” New Delhi. Annexure- XV: Posco Maharashtra has secured First position (winner) in Water Sustainability Awards 2023-2024 in Waste Water Treatment & Reuse Category organized by TERI, Ministry of Jal Shakti & UNDP INDIA.</p>		<p>Date: 30/05/2024</p>
33	Statutory compliance	<p>The above stipulations would be enforced among others under The Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986 and rules there under, Hazardous Waste (Management & Handling) Rules, 1989 and its amendments, The PLI Act,1991 and its amendments.</p>
<p>PPs Submission: Complied</p> <p>Complied. Followed all terms and conditions under under The Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986 and rules there under, Hazardous Waste (Management & Handling) Rules, 1989 and its amendments, The Public Liability Insurance Act, 1991 and its amendments.</p>		<p>Date: 30/05/2024</p>
34	Corporate Environmental Responsibility	<p>Separate funds shall be allocated for implementation of Environmental protection measure /EMP along with item wise breakup. These cost shall be included as part of the project cost. The funds earmarked for the Environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this Department.</p>
<p>PPs Submission: Complied</p> <p>Complied. Industry has allocated Separate funds for implementation of Environmental protection measure /EMP along with item- wise breaks-up. The funds earmarked for Environmental Protection measures shall not be diverted for other purposes and expenditures reported to the MPCB.</p>		<p>Date: 30/05/2024</p>
35	Statutory compliance	<p>A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguard.</p>
<p>PPs Submission: Complied</p> <p>Complied. Posco Maharashtra had established EHS department, in which Environment Expat coordinator, EHS-HOD, EHS –AGM, Environment –Manager, 2 Environment Field Officers & 4 Environment chemists are appointed for various Environmental sample’s testing for Inhouse water & waste water analysis facility provided to monitor ETP performance on daily basis.</p>		<p>Date: 30/05/2024</p>
36	Risk Mitigation and Disaster Management	<p>Regular Mock drill on onsite emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.</p>

<p>PPs Submission: Complied Complied. The On-site Emergency Preparedness Plan is prepared as per the guidelines given in Schedule 6 (Rule 12-1) of “The Maharashtra Factories (Control of Industrial Major Accidents Hazards) Rules, 2003” with the objectives that to provide guidance on how to deal with On Site & Off-Site Emergencies, so as to minimize impacts and effects on people, the business and on an environment. On site/off site emergency plans are prepared and are being implemented / upgraded regularly. Regular mock drills & safety trainings (on various topics) have been carried out and will continue as per training plan. Mock drill carried out as per Annual Environmental Plan.</p>		<p>Date: 30/05/2024</p>
37	Human Health Environment	Occupational health surveillance of the worker shall be done on a regular basis and record maintained as per factories act.
<p>PPs Submission: Complied Complied. Established Occupational Health Center as per The Factories Act and 24hrs operational. Pre-employment medical checkup for all staff & worker’s done. Ambulance Vehicle available on site 24 hrs. Pre-employment Medical checkup done as & when required. Yearly Medical Health checkup of all employee done & will continue as per schedule. Form No-6 (Fitness certificate) & Form No-7 (Health register) have maintained & will produce to Factory Inspector (as & when required).</p>		<p>Date: 30/05/2024</p>
38	Statutory compliance	The criteria pollutant levels namely SPM, RSPM, SO ₂ . NO _X (Ambient levels as well as stack emission)/ critical sectoral parameters, indicated for the project shall be monitored & displayed at a convenient location near the main gate of the company in public domain.
<p>PPs Submission: Complied All parameters, indicated for the project should be monitored & displayed at a convenient location near the main gate of the company in public domain. All actual parameters are displayed against as per MPCB-CTO Conditions.</p>		<p>Date: 30/05/2024</p>
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		NO VISIT TILL DATE