



No. GWI/PLOTA6/EC-COMPL/ 001 – FY25

To

Hon'ble Member Secretary
State Environmental Impact Assessment Authority (SEIAA)
Department of Environment, Govt. of Maharashtra,
15th Floor, New Administrative Building,
Mantralaya, Mumbai – 400 032.

30 November 2024

Dear Sir,

Sub: Six monthly Environmental Compliance Reports for the period of April – September 2024 against the Environment Clearance - Identification No. SIA/MH/IND1/409027/2022 received on 05/01/2024 for the project "Regularization of Existing production facilities for Steel Wires of capacity 175000 TPA" of Tata Steel Limited, Global Wires India, Boisar, Palghar - Maharashtra

Uploading herewith the Six Monthly Compliance Reports for the period of April – September 2024 for the conditions stipulated in Environmental Clearance vide Identification No. SIA/MH/IND1/409027/2022 received on 05/01/2024, for the project of "Regularization of Existing production facilities for Steel Wires of capacity 175000 TPA" of Tata Steel Limited, Global Wires India, Boisar, Palghar – Maharashtra.

The compliance report is being uploaded to the company's website for public also. We trust the information furnished is in line with your requirement.

Thanking you,

Yours faithfully,

Sbr. D.H. Patil
Plant Head TWP # 1
Tata Steel Ltd., Global Wires India
Tarapur, Maharashtra



TATA STEEL LIMITED

Global Wires - India

Plot No F-8, MIDC, Tarapur Industrial Area, District Palghar-407 501 India

Tel: 91 2525 295000 website: www.tatasteel.com

Registered Office: Bombay House, 24, Hornby Road, Mumbai-400 001 India

Tel: 91 22 6665 8282 Fax: 91 22 6665 7734

CIN: L27100MH1999PLC000200

**Half Yearly Compliance Report
2024**

01 Dec(01 Apr - 30 Sep)

Acknowledgement

Proposal Name	Regularization of Existing production facilities for Steel Wires of capacity 175000 TPA located at- Plot A6, Tarapur Industrial Area, PO. Boisar, Palghar, Maharashtra (M/s. Tata Steel Limited)		
Name of Entity / Corporate Office	Tata Steel Limited - Global Wires India		
Village(s)	Kolawae		
District	PALGHAR		
Proposal No.	SIA/MH/IND/68609/2021	Category	Industrial Projects - 1
Plot / Survey / Khasra No.	Plot A6, MIDC, Tarapur Industrial Area	Sub-District	Palghar
State	MAHARASHTRA	Entity's PAN	*****2803M
MoEF File No.	SIA/MH/IND1/409027/2022	Entity name as per PAN	UTSAV KASHYAP

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	The EC has been received on 5 January 2024. The compliance reporting period is April - Sept 2024
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Tata Steel Limited - Global Wires India

	Project Area as per EC Granted	Actual Project Area in Possession
Private	9.9	9.9
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	9.9	9.9

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Steel Wires	Tons per Annum (TPA)	28/02/2025	175000	138575	175000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	Project Proponent to obtain all necessary permissions from competent authority to treat their spent acid on the other plot where the acid recovery plant is established by TSL.
<p>PPs Submission: Complied The spent acid being treated at TSL ARP of Tarapur. The Valid CTO for operation of Acid Recovery Plant established by TSL is enclosed as Annexure. The CTO issued by MPCB vide no. CONSENT-0000135969/CR/2209000869 issued on 15/09/2022 and valid till 31/05/2025</p>		Date: 30/11/2024
2	ENERGY PRESERVATION MEASURES	Project Proponent to submit details of proposed solar power use envisaged in the project along with cost estimation.
<p>PPs Submission: Complied Tata Steel purchases solar power through open access which replaces the conventional usage of power. In FY24 total 7149260 KWH power has been used from Solar power. In FY25 there is a target in increasing the usage of solar power by 15 percentage considering the cost of power.</p>		Date: 30/11/2024
3	WASTE MANAGEMENT	Project Proponent to submit copy of MOU executed with the authorised vendors for disposal of wastes (HZW / Non HZW) generated on site.
<p>PPs Submission: Complied The MOU signed between M/S Tata Steel Limited, Global Wires India, Tarapur and M/S Mumbai Waste Management Ltd. For treating the Hazardous Waste being done. Membership Certificate vide no. MWML-HZW-TAR-2894 is enclosed as Annexure</p>		Date: 30/11/2024
4	AIR QUALITY MONITORING AND PRESERVATION	Project Proponent to submit adequacy report of all stacks exists on site w.r.t type of fuel, equipment design and height of stack to ensure all emission are under prescribed limits all the time.
<p>PPs Submission: Complied The stacks with appropriate height are being constructed as per the standard / drawing provided by technology supplier and process requirement. The clean fuel like PNG is being used in the process. Fumeless HCL acid pickling is provided in process lines. Main pickling is enclosed tunnel type is provided with wet scrubber with 25 M height stack as per MPCB guidelines. The monthly Stack Emission testing report is enclosed as Annexure</p>		Date: 30/11/2024
5	MISCELLANEOUS	Project Proponent to ensure to deploy well trained regular employees on all critical / hazardous operations and storage of hazardous chemicals instead of contract workers. Regular safety training to be provided to all such employees.
<p>PPs Submission: Complied Regular safety training to be provided to all such employees. Beside the training Safety Audit by Safety Comandos, senior management, cross functional team being conducted. Also regular safety line walks, Job Cycle Checks, Safety Observations being done by all employees of the plant</p>		Date: 30/11/2024
6	WATER QUALITY MONITORING AND PRESERVATION	During deliberation, Project Proponent informed that, though they have permission for water supply of 2400 KLD from MIDC and MPCB, they have implemented various water conservation methods in past years that resulted in the reduction in their total water consumption from 2400 KLD to 1200 KLD. PP to make necessary changes

	<p>PPs Submission: Complied Compliance Status: Focus on 3-R principles (Reduce, Reuse, Recycle) to minimize dependency on fresh water. Implemented improvement projects to reduce water consumption like Advance Cooling system by installing spiral water jacket; Improve wiping process by installing additional wipers etc. Reuse of utility water; arresting leakages; Monitoring the quantity by practicing the Daily Management. For the period from April - Sept 2024 the avg daily water consumption was 1232 KLD.</p>	<p>Date: 29/11/2024</p>
7	MISCELLANEOUS	<p>The Project Proponent should ensure that there shall not be any increase in the capacity manufacturing of steel wires, as presently consented by Maharashtra Pollution Control Board.</p>
	<p>PPs Submission: Complied Steel wires production capacity is as per the CTO granted by Maharashtra Pollution Control Board. Till Sept the total production was 74999 Tonne</p>	<p>Date: 29/11/2024</p>
8	GREENBELT	<p>Project Proponent informed that, the mandatory- 40 Percent green belt is not developed on the proposed site. Only 15Percent green belt is being developed till time on the site. It has also been informed that they have space to develop only 30 Percent green belt on their plot whereas the deficit 10 Percent greenbelt PP planned to develop on their adjacent plot No. A9 for which PP need to submit the permission / NOC from MIDC office .</p>
	<p>PPs Submission: Complied There are nearly 5600 nos of sapling existing inside the plot A6. 3000 saplings being planted at TSL colony. Another 1500 saplings planted in FY25 in TSL colony which makes total 10080 number of saplings till date. So as on date nearly 6.7 Ha area being covered with greenbelt including A6 plot and TSL housing colony. As some pipeline installation work being carried out adjacent of the bondary wall of A6/A9 plot no plantation could have done yet. But the compliance of 67 percentage has been done as per direction.</p>	<p>Date: 29/11/2024</p>
9	WATER QUALITY MONITORING AND PRESERVATION	<p>Project Proponent to carryout soil and ground water sampling analysis based on the identification of control site outside the premises and collect soil and ground water samples in and around the proposed site. PP to choose parameters to be analysed based on the use of raw materials and finished products by the earlier owner of the site and all other parameters including heavy metals. PP to compare these results with the control site result and prepare and implement appropriate mitigation plan to address soil and ground water contamination issue. PP to carry out this study by reputed credible Government institute.</p>
	<p>PPs Submission: Agreed to Comply Couple of credible Government institutes have been contacted like IIT, CSMCRI, NEERI and explained the scope of job. Based on their offer Work order been prepared. The RFQ has been given. Awating for final order to release. Testing will be done by March 2025</p>	<p>Date: 30/11/2024</p>
10	Corporate Environmental Responsibility	<p>PP to provide roof top rain water harvesting facility</p>
	<p>PPs Submission: Complied Detail study for increase rain water harvesting capacity and implementation plan being done by expert consultant. The rain water collected from the roof top is being stored in artificial water tank and used in process, firefighting system and other ancillary activities.</p>	<p>Date: 30/11/2024</p>
11	Statutory compliance	<p>Project Proponent to ensure compliance to the conditions stipulated in the CEPI. Need to submit the present status of compliance to the CEPI conditions.</p>

		<p>PPs Submission: Complied Complied. CEPI compliance status of FY24 is being submitted as Annexure</p>	<p>Date: 30/11/2024</p>
12	AIR QUALITY MONITORING AND PRESERVATION	Project Proponent to prepare and submit VOCs (Volatile Organic Compound) monitoring and control management plan.	
		<p>PPs Submission: Complied The VOC testing is being done by 3rd part authorized by CPCB. No data found beyond the permissible limit. The report enclosed as Annexure</p>	<p>Date: 30/11/2024</p>
13	MISCELLANEOUS	Project Proponent to prepare chemical compatibility chart of all chemicals handled, stored in-site and ensure its storage / handling as per compatibility.	
		<p>PPs Submission: Complied The Chemical compatibility chart of all chemicals handled in site is enclosed as Annexure</p>	<p>Date: 30/11/2024</p>
14	Corporate Environmental Responsibility	PP to utilise CER funds for the development of public infrastructure in the vicinity of the project area in consultation with District Administration. A proper CER plan to be prepared and shared for MSW management in the region for its effective implementation	
		<p>PPs Submission: Agreed to Comply Tata Steel has spent nearly Rs. 17 Lakhs in FY25 till September 2024 on development of community through giving the Joyti fellowship to scholar students, providing health checkup and medical treatment of community people, improve livelihood by providing skill development programme to female SHG, upgrade infrastructure in local school by providing borewell, solar lighting system and other basis infrastructure facilities etc. The details are enclosed as Annexure</p>	<p>Date: 30/11/2024</p>
15	GREENBELT	PP to submitted the undertaking dated 31.10.2023 stating that we have obtained plan approval from MIDC and as per plan proposed to provide 30.3 percent greenbelt that is 3.00 Ha within the plot boundary and deficit greenbelt is proposed on the land owned by the Housing colony. The total greenbelt area is 5.67 Ha which is 57.27 percent of the plot area. MIDC to ensure the compliance of the same.	
		<p>PPs Submission: Complied The plantation is being done as per declaration. As on date nearly 3.72 Ha being covered under greenbelt inside plot A6 which is 37 percentage of plant area and 3 Ha being covered with greenbelt at TSL colony which is nearly 32 percentage of TSL colony. So total 67 - 68 percentage area being covered with greenbelt including A6 plot and TSL housing colony. Details enclosed.</p>	<p>Date: 30/11/2024</p>
16	WASTE MANAGEMENT	PP to strictly observe Solid Waste Management Rules 2016 as amended time to time	
		<p>PPs Submission: Complied The solid Waste generation, disposal and maintenance being done as per Solid Waste Management Rules 2016</p>	<p>Date: 30/11/2024</p>
17	WASTE MANAGEMENT	PP to strictly observe HZW and other Wastes (Management and Transboundary Movement) Rules 2016 as amended time to time	
		<p>PPs Submission: Complied The Hazardous Waste generation, disposal and maintenance being done as per HZW and other Waste Management Rule 2016. The Authorisation for handling HZW authorisation has been obtained from MPCB in the CTO of the plot A6. All HZW being disposed to authorised TSDF or Authorised repessor or reuser or recycler</p>	<p>Date: 30/11/2024</p>

18	AIR QUALITY MONITORING AND PRESERVATION	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment Protection Rules 1986 amended time to time and Air Prevention and control of Pollution Act 1981, amended time to time	
	PPs Submission: Complied No significant fugitive emission as All sources of fugitive air pollution is under covered shed. Regular AAQ monitoring being done by authorised 3rd party and all parameters are within limit		Date: 30/11/2024
19	MISCELLANEOUS	PP to ensure storage of chemicals as per Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 amended time to time to ensure no release of any chemical to atmosphere and leakage to the soil	
	PPs Submission: Complied All storage of chemicals being done as per Manufacture, Storage and Import of Hazardous Chemical Rules 1989. All chemicals have the proper MSDS and MSDS being followed during handling and storage of the respective chemicals to avoid any leakage or spillage. SOP of handling HZ chemical being followed. Copy of the MSDS is enclosed as Annexure		Date: 30/11/2024
20	Statutory compliance	PP to obtain approval and license from the Directorate of Industrial Health and Safety (DIHS) for proposed project and implement all condition stipulated there in. Need to carry out safety audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit	
	PPs Submission: Complied The approved factory license issued by DIHS vide license number 1003217 dated 11/18/2023 has been issued valid up to December 2026. Safety Audit being conducted and the report submitted to DIHS		Date: 30/11/2024
21	ENERGY PRESERVATION MEASURES	PP to provide solar energy for illumination of Administrative Building, street lights and parking area	
	PPs Submission: Complied The illumination of administrative building atreet lighting and parking area are being illuminated by solar power only		Date: 30/11/2024
22	MISCELLANEOUS	PP to ensure that proposed project is a ZLD unit	
	PPs Submission: Agreed to Comply The unit will be ZED unit in phase manner. Currently 150KLD waste water out of 600 KLD being reused in the process. Rest being given to CETP for further treatment before discharge finally. No untreated effluent is being discharged in the ground / river.		Date: 30/11/2024
23	Statutory compliance	Project Proponent to submit a certified copy of certified compliance of existing CTO to be obtained from MPCB,	
	PPs Submission: Complied The audit report against all CTO conditions submitted to MPCB		Date: 30/11/2024
24	Statutory compliance	Project Proponent to obtain permission for Rain water harvesting bore pit from the competent authority	
	PPs Submission: Complied No Rain water harvesting bore pit exists within the plant premises and there is no provision of rain water recharge to be done, as the water table in this region is very high. The rain water will be stored in the tank and reuse in the process.		Date: 30/11/2024

25	WASTE MANAGEMENT	Project Proponent Need to provide ZLD Effluent Treatment Plant. Need to get ZLD design vetted by the reputed Govt. institution like IITs/NITs.
PPs Submission: Agreed to Comply The installed RO plant is under stabilization. Once the full capacity of RO will be stabilized and under operation and the Performance guarantee will be established the ZLD design vetted by the reputed Govt. institution like IITs/NITs will be done by the supplier only.		Date: 30/11/2024
26	Risk Mitigation and Disaster Management	Project Proponent to carry out detailed quantitative Risk Assessment and submit report along with proposed mitigation measures.
PPs Submission: Complied The Environmental Risk Assessment is a part of Enterprise Risk Assessment and Management of the division. The detailed report is enclosed as Annexure		Date: 30/11/2024
27	MISCELLANEOUS	PP to ensure to provide adequate space for parking of all types of vehicles including external vehicles carrying raw material and finished products. No vehicle shall be parked on the public road.
PPs Submission: Complied All the vehicles are being parked at the designated parking space		Date: 30/11/2024
28	MISCELLANEOUS	PP to ensure to prepare and implement Onsite and Off-site emergency handling plan. The plan shall be prepared based on the Job Safety Analysis, Risk Assessment etc. Required training to all employees be provided on the emergency handling plans.
PPs Submission: Complied Onsite and Offsite Emergency Handling plan has been prepared by M/S S.S Consultant, Thane, Maharashtra based on the Job safety analysis and Risk assessment and submitted to DISH on November 2023 . Plan enclosed as Annexure		Date: 30/11/2024
29	Statutory compliance:	PP to ensure transport, Storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum and Explosive Safety Organisation (PESO)
PPs Submission: Agreed to Comply The license for storage of 25000 liters of Petroleum of Class B vide license no. 01/2019 issued by District Magistrate, Palghar, Maharashtra, valid upto 31/12/2024 is enclosed as Annexure		Date: 30/11/2024
30	MISCELLANEOUS	PP to use of briquette/bio coal/pellets or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50 percent of the total fuel requirement to the boiler
PPs Submission: Agreed to Comply This condition is not applicable as the plant is Wire Cold Drawing process plant presently . The NATURAL Gas being used for the process like boiler and patenting or plating or galvanising line. Ensure will be complied in future if needed		Date: 30/11/2024
31	AIR QUALITY MONITORING AND PRESERVATION	Project Proponent to provide continuous online monitoring system connected to the server of CPCB and MPCB. Also to include VOCs monitoring in the scheduled ambient air monitoring plan.
PPs Submission: Complied The continuous online monitoring system to the stacks, connected to the Boiler and the Patenting Furnace, is completed. The continuous data is being transfered to MPCB server. VOC monitoring		Date: 30/11/2024

has been scheduled in regular AAQ monitoring plan. VOC to be monitored once in every quarter. The same was tested in August 2024. The Report is enclosed as Annexure

32 MISCELLANEOUS PP to complete rain water harvesting facility before commissioning of the manufacturing activity

PPs Submission: Complied

The rain water harvesting facility already exists within the plant. The rain water collected from the roof top is being stored in artificial water tank and used in process, firefighting system and other ancillary activities. The Rain Water collected in artificial tank/reservoir structure. A detail RWH study has been done by expert / consultant to improve the rainwater collection and capture the runoff water by proper designing the storage tank and other facilities.

Date:
30/11/2024

33 GREENBELT PP need to undertake Miyawaki plantation of the native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Dept, Govt of Maharashtra circular no SaVaVi-2019/C.R.3/F-11 dated 25 June 2019. The said plantation to be completed in the first year of operation of EC under expert guidance of Miyawaki experts / arborist. As proposed, green belt shall be developed in more than 33 percent area within and around the plant premises as per the CPCB guidelines in consultation with DFO.

PPs Submission: Complied
Complied as per direction. The plantation being done using Miyawaki technique only with all the species as mentioned.

Date:
30/11/2024

General Conditions

Sr.No.	Condition Type	Condition Details
1.	Statutory compliance	PP to scrupulously follow the requirement of Maharashtra Factories Act 1948 and rules 1963 as amended from time to time.

PPs Submission: Complied
Complied as per the conditions

Date:
30/11/2024

2	MISCELLANEOUS	Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose
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PPs Submission: Complied
The plant is cold drawing process and is operating with PNG. No gas / highly flammable liquid is being used or stored within the plant premises for any purpose. Still Regular safety training, awareness programs, safety line walks, audits etc being carried out by all employees including contractual employees.

Date:
30/11/2024

3	MISCELLANEOUS	PP shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of the issue of this letter, informing that the project had been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board website of the company and may also be seen at Website at http://parivesh.nis.in
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PPs Submission: Complied
EC published in 2 newspaper on 15 January 2024 in Marathi Lok Shakti : Mumbai edition and English Indian Express : Mumbai Edition. Informed MPCB about receiving of EC. The EC

Date:
30/11/2024

published in the company website www.tatasteel.com

4 Statutory compliance The PP shall upload the status of compliance (Soft copies) of the conditions stipulated Environmental clearance letter including monitoring data of air, water, soil noise etc on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Control Board, SEIAA and Regional office of MOEF and CC at Nagpur, on 1st June and 1st December of each calendar year

PPs Submission: Complied
The last half yearly compliance report of January - March 2024 submitted to PARIVESH Portal, the same has been given to the Maharashtra Pollution Control Board, SEIAA and Regional office of MOEFCC at Nagpur, on 30 May 2024
Date: 30/11/2024

5 Statutory compliance PP to strictly follow conditions stipulated in the Consent of Establish / Operate issued by the Maharashtra Pollution Control Board

PPs Submission: Complied
Followed all the conditions stipulated in the CTE/CTO and regular submit the compliance reports after conducting self audit, to MPCB
Date: 30/11/2024

6 MISCELLANEOUS A separate Environment Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards

PPs Submission: Complied
The separate Environment Management Cell with qualified personnel already exist
Date: 30/11/2024

7 MISCELLANEOUS In the event of failure of any pollution control equipment the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipments is regained

PPs Submission: Agreed to Comply
Will ensure and comply the same whenever the event occurs.
Date: 30/11/2024

8 MISCELLANEOUS PP to Provide separate drains for storm water and effluent and ensure that the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain

PPs Submission: Complied
Complied as per the direction
Date: 30/11/2024

9 MISCELLANEOUS Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCB

PPs Submission: Complied
The quality of water like incoming water, surface water, discharge water, drinking water being monitored periodically and the report submitted to MPCB
Date: 30/11/2024

10 Statutory compliance The Environmental Statement for each financial year ending on 31st March in form V as is mandated to be submitted by the PP to the concerned Pollution Control Board as prescribed under Environment Protection Rule 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the

compliance conditions stipulated in the Environment Clearance letter.

PPs Submission: Complied

The latest Environment Statement for FY24 has been submitted to MPCB on 13 September 2024. The same has been uploaded in the company website also. The copy of the latest Environment Statement is enclosed as Annexure

Date:
30/11/2024

11

Noise Monitoring & Prevention

The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipments like ear muff and ear plug etc.

PPs Submission: Complied

Overall noise levels are within the limit. Regular noise monitoring is being done by 3rd party. Adequate noise control measure like noise Acoustic Enclosure for DG set, fully covered drawing machines, providing proper PPEs like ear plug / muff etc being provided to the employees who are exposed to high noise level.

Date:
30/11/2024

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.