



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), MAHARASHTRA)

To,

The Chief CRC West

Tata Steel Limited

Plot No. S-76, MIDC Tarapur Industrial Area , Po. Boisar, Tehsil - Palghar,
District- Palghar, Maharashtra -401506

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MH/IND1/421300/2023 dated 10 Mar 2023. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|---|
| 1. EC Identification No. | EC23B008MH178573 |
| 2. File No. | SIA/MH/IND1/421300/2023 |
| 3. Project Type | Expansion |
| 4. Category | B |
| 5. Project/Activity including
Schedule No. | 3(a) Metallurgical industries (ferrous &
non ferrous) |
| 6. Name of Project | Expansion of existing production facilities
for Cold Rolled Coils & Sheets (from
210000 to 300000 TPA), Hot Rolled
Pickled Skin Passed Coils (from 90000
to 150000 TPA) and Addition of new facility
for Hot Rolled Pickled Galvanized Coils
(820000 TPA) located at Plot No S-76,
MIDC Tarapur Industrial Area, Po-MIDC
Boisar, Tehsil- Palghar, District- Palghar,
Maharashtra – 401506 by M/s. Tata Steel
Limited CRC West |
| 7. Name of Company/Organization | Tata Steel Limited |
| 8. Location of Project | MAHARASHTRA |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 15/12/2023

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (MAHARASHTRA)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND1/421300/2023
Environment & Climate Change
Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Tata Steel Limited CRC West,
Plot No S-76, MIDC Tarapur Industrial Area,
Po-MIDC Boisar, Tehsil- Palghar,
District- Palghar.

Subject : Environmental Clearance for Proposed Expansion of existing production facilities for Cold Rolled Coils & Sheets (from 210000 to 300000 TPA), Hot Rolled Pickled Skin Passed Coils (from 90000 to 150000 TPA) and Addition of new facility for Hot Rolled Pickled Galvanized Coils (820000 TPA) located at Plot No S-76, MIDC Tarapur Industrial Area, Po-MIDC Boisar, Tehsil- Palghar, District- Palghar, Maharashtra – 401506 by M/s. Tata Steel Limited CRC West

Reference : Application no. SIA/MH/IND1/421300/2023

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 262nd meeting under screening category 3(a)B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 267th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 17nd October, 2023.

2. Brief Information of the project submitted by you is as below:-

Sr. No.	Particulars Required	Details
1.	Name of the project & Address along with all corner latitude and longitude	Proposed Expansion of Existing Production Facilities for Cold Rolled Coils & Sheets (From 210000 TPA to 300000 TPA), Hot Rolled Pickled Skin Pass Coils (From 90000 TPA to 150000 TPA) and Addition of New Facility for Hot Rolled Pickled Galvanized Coils (820000 TPA) At Plot No. S-76, MIDC, Tarapur Industrial Area, Post – Boisar, Tehsil – Palghar, District – Palghar, Maharashtra – 401 506 by M/s. Tata Steel Limited – CRC West Latitude: 19°47'7.29"N, Longitude: 72°43'52.07"E Toposheet No.47A/9,10,13 & 14
2.	Type of Organization (Private/ Government/ Semi Government, etc.)	Private
3.	Correspondence Address and contact details of Project Proponent	Mr. Ujjwal R Desai Chief CRC west TATA STEEL CRC West, Plot No S-76, MIDC Tarapur Industrial Area, Post – Boisar, Tehsil-

Sr. No.	Particulars Required	Details					
		Palghar, District- Palghar, Maharashtra – 401 506. Email: environmentcellercwests76@tatasteel.com Phone: +91-8092086997					
4.	Type of project (ToR/EC/Amendment in ToR/Amendment in EC/ Revalidation/ Expansion/Process change etc.)	Environmental Clearance					
5.	Category of project as per EIA Notification 2006 amended from time to time (Pl. mention category A,B,B1,B2, etc. whichever is applicable)	B1					
6.	If earlier ToR is obtained pl. mention details (ToR letter No. & Date, SEAC/ EAC Meeting No.)	ToR issued by the SEAC – Maharashtra, vide ToR Letter No. File No. SIA/MH/IND/253862/2022 (Amended ToR) dated 2 nd Sept. 2022 & Std. ToR File No. SIA/MH/IND/68607/2021 dated 21 st Oct. 2021					
7.	If earlier EC is obtained pl. mention EC Number & Date	No					
8.	Whether the proposal is a violation case(yes/no)	No					
9.	Applicability of CRZ clearance (yes/no)	No					
10.	Whether General/ Specific Conditions are applicable to the project (Yes/No)If yes, pl. give details	Yes As per CPCB - 2018, Tarapur Industrial Area is falling under Critically Polluted Area.					
11.	Whether Scrutiny fees paid as per SEIAA guidelines (Yes/No); If yes pl. give payment details	Yes Rs. 3,000,000 (Rupees Thirty Lakhs Only) (Ref. No. 44020673 dt. 08.05.2023)					
12.	Name of accredited Environmental Consultant & address along with Accreditation No. & Validity	M/s. Anacon Laboratories Pvt. Ltd., Nagpur. Accreditation Certificate No.: NABET/EIA/2023/SA0160 (Rev.01) dtd. 13 March, 2023. Validity of accreditation certificate to Sept 27, 2023 as per QCI-NABET letter No. QCI/NABET/ENV/ACO/23/2788 dt. June 28, 2023.					
13.	Name of layout plan approving Authority	MIDC					
14.	Estimated cost of Project (in Rs. Lakhs)	Total Project cost is Rs. 1260.9 Crores (Existing 141.9 Cr. + Proposed 1119 Cr)					
15.	Area of project (in Sq.m.)	100900 (10.09 Ha.)					
16.	Whether 33% green belt is provided (Yes/No)	Yes					
17.	Area of Green Belt & No. of trees in the proposed project in Sq.m.(Pl. provide 2000 trees per hectare of green belt area)	Green belt after expansion at plant site – 2.15 Ha. (21.31%) Balance green belt at TSL Colony – 2.26 Ha (22.40%) Total Area of Green belt = 4.41 Ha (i.e. 43.71%) Thus, The green belt area at Plant Premises + Green belt at Housing colony will be 4.41 Ha i.e. 43.71 % Green belt at surrounding of plant – 0.69 Ha. (i.e. 6.83 %) Total 50.54 % (against 40 %) green belt will be developed.					
18.	Width of internal roads and turning radius	6 Mtr. Wide and turning radius is 9 M width (As per MIDC Plan)					
19.	Details of proposed construction	Total Built-up Area (in Sq.m) 62700 Sq. M. No. of Buildings & its height in mtrs. As per MIDC approved layout					
20.	List of Raw materials & Storage Details						
	Sr. No.	Name of Raw Material	Consumption TPA (Total After	Maximum Storage	Hazard Category	Proposed Precautions to	Remarks

Sr. No.	Particulars Required			Details					
		Expansion)	Details		Prevent Accident				
1.	Hot Rolled Coils	1310500	27000 ton	Falling, Hitting Saddles provided in storage area	Saddles provided in storage area				
2.	Hydrochloric acid KL	53500	300 KL	Fire, explosion	Stored separately	The raw material will be stored under covered shed			
3.	MIDC water KLD	1305 KLD	2300 KL	-	-				
4.	Nitrogen	14600	40 KL	Fire, explosion	Stored separately				
5.	Alkali	50	3 ton	-	-				
6.	Rolling Oil	105 KL	4 KL	Oil Spillage	Oil store separately				
7.	Zinc	37996	100 ton	-	-				
8.	Oils & Lubricants	55 KL	4 KL	Oil Spillage	Oil store separately				
9.	Hydrogen	71 KL	39 KL	Fire, explosion					
10.	RP oil	398 KL	2 KL	Oil Spillage	Oil store separately				
11.	Chromatic Chemical	87 KL	2 KL						
21.	Production Details								
Sr. No.	Name of Product	Existing Capacity TPA	Proposed Capacity TPA	Total Capacity TPA	Name of Product approving authority (like FDA of pharmaceuticals, etc.)				
1.	CR Coils & Sheets	210000	90000	300000	ISI				
2.	Hot rolled pickled skin pass coils	90000	60000	150000	ISI				
3.	Hot rolled pickled Galvanized coils	---	820000	820000	ISI				
22.	Water Consumption & Effluent generation (All units in CMD)								
i) Source & Qty of water requirement (in CMD):									
ii) The water requirement 1305 KLD is fulfilled by MIDC Water Supply.									
iii) Water supply permission obtained (Yes/No) & approving Authority: Yes									
Approving Authority- MIDC.									
Particulars	Water Consumption (CMD)			Loss (CMD)			Effluent generation (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	200	280	480	60	80	140	140	200	340
Industrial Cooling	510	285	795	510	285	795	0	0	0
Domestic Purpose	21	09	30	4	2	6.0	17	7	24
Total	731	574	1305	349	470	941	157	205	364
Note:									
i) The generated quantity of trade effluent will be 340 CMD which will be treated in ETP plant of 350 KLD capacity. The treated trade effluent will be used for Industrial cooling as recycle water.									
ii) About 24 KLD wastewater will be generated which will be treated in STP. The existing STP capacity (30 KLD									

Sr. No.	Particulars Required	Details				
		will be upgraded to 35 KLD (based on MBBR Technology) with new facility. 9 KLD treated water will be used green belt development whereas 15 KLD water will be sent RO plant for further treatment and it will be (12 KLD) will be used for industrial cooling.				
23.	Quantity of sewage generation (in CMD)	24 CMD				
24.	Details of Sewage Treatment and Disposal of treated sewage:	About 24 KLD wastewater will be generated which will be treated in STP. The existing STP capacity (30 KLD) will be upgraded to 35 KLD (based on MBBR Technology) with new facility. 9 KLD treated water will be used green belt development whereas 15 KLD water will be sent RO plant for further treatment and it will be (12 KLD) will be used for industrial cooling.				
25.	Detail of Effluent Generation (unit CMD)					
	Particulars	Existing	Proposed	Total		
	a) Qty. of Effluent generation:(CMD)	140	200	340		
	b) Qty. of high TDS/COD effluent:(CMD)	-	-	All Recycling and utilizing in process through RO based ETP.		
	c) Qty. of low TDS/COD effluent:(CMD)	-	-			
26.	Whether Zero liquid Discharge Effluent Treatment is proposed (Yes/No)	Yes				
27.	Brief Description of Effluent Treatment scheme	The plant is being and will be operated under ZLD condition after expansion and generated effluents will be treated in Effluent Treatment plant along with RO System (350 KLD). The existing ETP & RO plant capacity is 200 KLD is already provided. The existing capacity of ETP will be enhance to 350 KLD to treat additional 100 KLD trade effluents, hence The overall capacity after expansion of ETP & RO plant will be 350 KLD. All treated water will be reused inside the plant for cooling purpose in cooling tower. The waste RO reject will be send to Mumbai waste management plant for disposal.				
28.	Qty. of treated effluent proposed to be sent to CETP (pl. mention Name of CETP and its membership Details)	Plant is ZLD unit and will be maintained ZLD after proposed expansion, Therefore no treated effluent is proposed to be sent to CETP.				
29.	Please mention parameters of treated effluent to be achieved as per EP Rule,1986 and or stipulated by the SPCB.					
	Parameter	Inlet Concentration (mg/L)	Outlet Concentration (GSR 277(E) 31st March 2012) (mg/L)			
	PH	7-8	7.5			
	TSS	200 - 300 mg/lit	< 100 mg/lit			
	TDS	2100 - 2500 mg/lit	< 2100 mg/lit			
	BOD	200-250 mg/lit	< 30 mg/lit			
	Sulphates as SO ₄	BDL	<400 mg/lit			
	Oil & Grease	40-50 mg/lit	< 10 mg/lit			
			* Except pH all parameters are in mg/L			
30.	Brief Note on proposed Rainwater harvesting scheme along with budget allocation:	Roof water collected from roof top and used for industrial cooling purpose. Rainwater harvesting is planned in proposed project. After Expansion existing 15.82% rain water harvesting will be increased to 21% from plant roof top & shade and is used in the industrial cooling process.				
31.	Solid Waste management					
	Sr. No.	Type of Waste	Qty. TPA	Source of Generation	Disposal Methods	Plan to reduce Solid Waste Generation
	1.	Metal Scrap	87500	Cold Rolling Mill and	Authorized trader and	Sealable

Sr. No.	Particulars Required			Details			
				Galvanising	recycler		
2.	Wood & Paper Scrap	1745		Packaging	Authorized trader and recycler	Sealable	
3.	HDPE Plastic Packing Material	25		Packaging	Authorized trader and recycler	Sealable	
32.	Hazardous Waste Generation & Disposal (As per HW Rule 2016)						
Sr. No.	Category	Particulars	Source of Generation (please include Name of Product)	Approx. Existing Qty of generation TPA	Proposed Qty of generation TPA	Total Qty of generation TPA	Method & Disposal as per HW Rules 2016
1.	Used Oil /spent Oil/ Oil sludge (5.1)	Used Oil	Process	50	20	70	Disposal Facility- Mumbai Waste Management Ltd, or MPCB authorised Recycler
2.	ETP Lime Sludge (35.3)	Process Waste	Process	600	100	700	Disposal Facility- Mumbai Waste Management Ltd, or MPCB authorised Recycler
3.	Waste Coolant Oil (5.2)	Mill Coolant Sludges & Grinding Dust	Mills	1560	312	1872	Disposal Facility- Mumbai Waste Management Ltd, or MPCB authorised Recycler
4.	Tank Bottom Sludge (3.3)	Bottom sludge	Rolling Mill and Cleaning Line	7.2	3	10.2	Disposal Facility- Mumbai Waste Management Ltd, or MPCB authorised Recycler
5.	Spent Acid (12.1)	Process Waste	Pickling Process	11512	30851	42363	Own ARP Facility at Plot S-76 or own facility at plot

Sr. No.	Particulars Required			Details								
							F-7/1					
6.	Barrels containers used to handle hazardous waste (33.1)	Empty Barrels	Roll coolant oil	3900	1560	5460	Authorised Recyclers					
7.	Chromate waste (solid)	Process waste	Chromate coating	--	3.35	3.35	Disposal Facility - Mumbai Waste Management Ltd Or Authorised Recyclers					
8.	Zinc dross Dust	Process waste	Galvanising Process	--	5700	5700	Disposal Facility - Mumbai Waste Management Ltd Or Authorised Recyclers					
9.	Rinse water for ARP	Process effluent	Pickling Process	--	100	100	Self ETP & RO Recycler.					
33.	Fuel Consumption											
Sr. No.	Type of Fuel	Consumption Qty. (TPA)			Used for (Boiler / DG Set, etc)	Ash%			SO ₂ %			Air pollution control /equipment provided (Yes/No)
		Existing	Proposed	Total		Existing	Proposed	Total	Existing	Proposed	Total	
1	Piped Natural Gas (PNG)	6208	8200	14408	Boiler			Nil			Nil	Yes
34.	Brief Note on Air Pollution Control equipment's				Existing Air pollution control equipment's <ul style="list-style-type: none"> Wet scrubber system with chimney is provided at pickling line & cleaning line (1 Nos. each). 1 Nos chimney with fume exhaust blower (Capacity 55 KW) is provided at 4 Hi Mill. Stack of 30.5 m height is provided at Hot water generator for flue gasses control (PNG). Stack of 30.5 m height is provided at Boiler for flue gasses control (PNG). Stacks of 3 m height are provided at DG Set of 250 KVA & Diesel Engine 165 HP for flue gasses control. 							

Sr. No.	Particulars Required	Details						
		Proposed Air pollution control equipment's <ul style="list-style-type: none"> Wet scrubber system with chimney will be provided at ARP & PGL HCL Scrubber (1 Nos. each). 1 No. Bag filter will be provided for ARP dust (Fe_2O_3) and 1 No. for PGL Scale breaker. PGL furnace will be provided with stack of 55 m height for control of flue gases. DG Set 1000 KVA will be provided with stack of 3 m height for flue gases. 						
35.	Stack Details (Also include process vent details) Plant has existing 8 numbers of stacks and 6 new stacks are proposed. Hence, total 14 numbers of stacks will be there after expansion with required assembly.							
	Sr. No.	Section/ Unit	Source pollutions	Stack No.	Stack height (m)	Height from ground (m)	Internal Diameter (m)	Temperature of exhaust gas (K)
	Existing Stacks							
	1	Pickling Line	Acid Mist	A	20	20	0.93	305
	2.	4 Hi Mill	-	B	30	30	1.6	310
	3.	Cleaning line	Acid Mist	C	20	20	0.30	307
	4.	Hot water generator 1	SPM, SO_2	D2	33.5	33.5	0.60	419
	5.	DG Set 250 KVA	SPM, SO_2	DG1	3	3	0.10	407
	6.	Diesel Engine 165 HP	SPM, SO_2	DE 1	3	3	0.15	358
	7.	Boiler (PNG)	SPM, SO_2	E	30.5	30.5	0.9	403
	Proposed Stacks							
	9	ARP	Acid Mist	F	37	37	1.6	393
	10	ARP Dust (Fe_2O_3)	SPM	G	37	37	1.0	363
	11	PGL HCL Scrubber	Acid Mist	H	40	40	0.85	408
	12	PGL Furnace	SPM, SO_2	I	55	55	2.05	398
	13	PGL Scale breaker	SPM, SO_2	J	35	35	1.8	380
	14	DG Set 1000 KVA	SPM, SO_2	DG 2	3	3	0.3	418
36.	Energy a) a) Source of power Supply: Existing 8.5 MW (Max.) & proposed 6.5 MW. Hence total 15 MW taken from MSEDCL power sourcing through dedicated Grid Power Supply. b) Maximum Demand (KVA): 15000 KVA (15 MW is plant maximum reached) c) Whether DG sets will be provided (Yes/No): Yes if yes:							
	Sr. No.	No. of DG Sets			Capacity			
		Existing	Proposed	Existing	Proposed			
	1	1 No	1 No	250 kVA	1000 kVA			
	d) Please Mention if high tension line is passing through the plot: No if yes, pl. give details of safety measures adopted: NA							
37.	Details of use of renewable energy with budget allocation i) Use of Solar Energy for canteen water heating & Street lighting. ii) Proposed Budget (in Rs. 0.2 Crs): Existing Capital expenditure.							
38.	Details of public hearing (if applicable) i) Place of public hearing: at Plant Site, Plot No. S-76, MIDC Tarapur, Taluka and District: Palghar							

Sr. No.	Particulars Required		Details			
Date of public hearing: 11.01.2023 at 11.00 AM.						
39.	EMP (Please mention specific items proposed in EMP along with specific timeline for its implementation)					
Construction Phase –						
	Sr. No.	Attribute	Specific measure	Budget in (Rs lakh)		
	1	Air	Water sprinkling	2.00		
	2	Water	-	1.00		
	3	Noise	Personal Protective Equipment's	1.00		
	4	Solid waste	Disposal of solid waste	3.00		
	5	Hazardous waste	Disposal of solid waste	1.00		
	6	Greenbelt Development	Inside the Plant Boundary	1.00		
	7	Safety & health	Personal Protective Equipment's	4.00		
Total =				13.00		
Operation Phase –						
The cost for proposed Expansion is Rs. 1119 Crores. The budgetary provision for EMP (which includes existing + proposed = total cost) is Capital cost of Rs. 100.7 Crores (Existing – Rs. 36.7 Crs. + Proposed – Rs. 64.5 Crs.) and Recurring Cost of Rs. 9.1 Crs. (Existing – Rs. 4 Crs. + Proposed – Rs. 5.1 Crs.)						
ENVIRONMENTAL MANAGEMENT PLAN (BUDGET- PROPOSED EXPANSION)						
Sl.	Attributes	Specific Measures	Budget in Cr.	Timeline	Responsibility	Remarks
1.	Water	Effluent Treatment Plant Expansion (Adequate space is available)	C.C.: 1.2 Crs.; R.C.: 0.3 Crs.	June 2025	E & P div. TATA STEEL	
		Zero Effluent Discharge (RO Plant) Expansion	C.C.: 5.0 Crs.; R.C.: 0.7 Crs.			
2.	Rain water	Rainwater Harvesting (Roof Water usage) Expansion	C.C.: 0.5 Crs.; R.C.: 0.0 Crs.	June 2025	E & P Div TATA STEEL	
3.	Greenbelt	Development of green belt and maintaining Greenery	C.C.: 0.5 Crs.; R.C.: 0.05 Crs.	June 2025	CRC West Sec. & Gardening	
4.	Air & Fuel	Expanding Piped Natural Gas network through GAIL	C.C.: 2.0 Crs.; R.C.: 0.0 Crs.	June 2025	Utility Section CRC west	
		Online Water and Air Monitoring System (CEMS & AAQMS)	C.C.: 1.5 Crs.; R.C.: 0.25 Crs.			
		Monitoring and Statutory Environmental Compliances through dedicated Env. cell	C.C.: 2.5 Crs.; R.C.: 1.0 Crs.			
5.	Hazardous waste	Waste Acid Recycling Plant	C.C.: 30 Crs.; R.C.: 2.5 Crs.	June 2025	Utility Section CRC west	
6.		Awareness among surrounding community about non usage of single use plastic	C.C.: 0.0 Crs.; R.C.: 0.1 Crs.	June 2025	CSR team	Awareness campaign to

Sr. No.	Particulars Required		Details			
		EMP for Social and Infrastructure Development (CAPEX) – CER	C.C.: 4.0 Crs.; R.C.: 0.0 Crs			be arranged
7.	Energy	<p>Replacing lighting with LED for entire plant (New plant)</p> <p>Use of daylight by increasing transparent sheets on roof and cladding and Day light energy optimization.</p> <p>Use of Energy Efficient (IE-3) Motors & Transformers of new expansion plant</p>	<p>C.C.: 0.8 Crs.; R.C.: 0.1 Crs.</p> <p>C.C.: 1.5 Crs.; R.C.: 0.2 Crs.</p> <p>C.C.: 10 Crs.; R.C.: 0.0 Crs.</p>	June 2025	Electrical Section	
8.	Safety	Use of VVVF drives for Process and Utility of new expansion plant & APFC and THD Reduction	C.C.: 5.0 Crs.; R.C.: 0.0 Crs.	June 2025	E & P Team TATA STEEL	
40.	Other Relevant Information: (Pl. provide brief note on proposed project)		<ul style="list-style-type: none"> The existing unit has earlier received ToR for regularization of existing project from SEAC, Maharashtra dtd. 21.10.2021 (Online Proposal No. SIA/MH/IND/68607/2021) in line with NGT order dtd. 12th Feb, 2020 and MPCB vide Circular no./MPCB/ID(APC)/Rolling Mill/TB/B-041 dtd. 20th July, 2021. Thereby, M/s. TSL – CRC West have granted amended ToR vide file no.SIA/MH/IND2/253862/2022 on dtd. 02/09/2022 for Expansion of existing production facilities for Cold Rolled Coils & Sheets (from 210000 to 300000 TPA), Hot Rolled Pickled Skin Passed Coils (from 90000 to 150000 TPA) with Addition of new facility for Hot Rolled Pickled Galvanized Coils (820000 TPA) at Plot No. S-76, MIDC Tarapur Industrial Area, Boisar, Tehsil & Dist. - Palghar, Maharashtra – 401506. Thus, the aforesaid proposal is for environmental clearance for capacity expansion project. 			
41.	Details of skill development program within Organization		HR providing training and skill development activities periodically. A minimum qualification is for workman is ITI.			
42.	Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)		Environment Monitoring Cell is already in place. The details are as under: ENVIRONMENTAL MANAGEMENT CELL (TATA STEEL CRC WEST)			
CEO & MD - TATA STEEL						
VP Safety, Health & Sustainability			VP Steel Manufacturing.			
Chief Environment Management			COM - Flat Product Manufacturing			
Head Environment TSJ			Chief CRC West Tarapur			
Sr. Mgr. Environment CRC West & GWI Tarapur			Head O & M – CRC West			
Ass. Manager EHS – CRC West – Tarapur.			Sr. Mgr Utility – CRC West Ass. Mgr. Utility – CRC West.			

Sr. No.	Particulars Required	Details
43.	Details of court cases if pending in any Hon'ble court	NA

3. The proposal has been considered by SEIAA in its 267th (Day-1) meeting held on 17th October, 2023 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

SEAC Conditions-

1. It was observed that, PP proposing the new buildings on the open areas available within the plot area and proposes to provide only 21.3% (2.15 Ha.) greenbelt within plot boundary out of mandatory 40% Green belt (4.10 Ha.) and deficit 22.4% (2.26 Ha.) is proposed in their residential colony area which is about 5.4 km from the proposed project site.. In view of significant impact the PP is creating at its current plot, adoption of Nature Based Solutions for green area should be kept as a principle of development and ecology preservation.
2. The proposed site is in principle adequate, however, the PP should set up Nature Based Solution Demonstration Center along with a Tinkering Lab, where students, researchers, farmers and others can come and learn the tools and techniques. This should be undertaken in partnership with institutions such as IITs and NGOs.
3. PP to use CER to support within its own plot also, the concept of green/nature base solution for the environmental issues on site where it should be shown to the students, people the role of trees in air/noise pollution management, role soil nature, water as per response of 7th September by CRC on this subject, Tarapur.
4. PP to relook into the plan to conserve the trees; if not possible PP to obtain tree cutting permission from the competent authority before starting nay work on site.
5. PP to ensure compliance to all conditions stipulated in the CEPI guidelines.
6. PP proposes to provide Zero Liquid Discharge Effluent Treatment Plant. PP to get the design of ETP vetted by the reputed Govt. Institute like IIT/NIT etc. before commissioning of the proposed expansion activity.
7. PP to submit details of proposed solar power use envisaged in the project along with cost estimations.
8. PP to carry out detailed Quantitative Risk Assessment and submit report along with proposed mitigation measures and include it in the Disaster Management Plan.
9. PP to provide sewage treatment plant for the treatment of domestic sewage generated on iste.
10. PP to deploy well trained regular employees on all critical/hazardous operations and storages of hazardous chemicals instead of contract workers. Regular safety training to be provided to all such employees.
11. PP to prepare chemical compatibility chart of all chemicals handled, stored on site and ensure its storage/handling as per compatibility.
12. PP to provide Continuous Online Monitoring System connected to the servers of CPCB and MPCB. PP to include VOCs monitoring in the scheduled ambient air monitoring plan.
13. PP proposes parking outside the plot boundary on another plot a distance of 600 meters from the proposed project site. 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.
14. PP to utilize 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 with the committee/authoroty.
 15. PP to ensure to prepare and implement On-site 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.
 16. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.

SEIAA Conditions

1. PP has obtained plan approval from MIDC dated 17.06.2023 and as per the plan, their plot area is 10.09 Ha and they have proposed green belt of 2.845 ha i.e. 28.14 % of total plot area. PP further undertaking dated 02.08.2023 stating that, they will develop green belt of 2.26 Ha on their land i.e. TSL housing Colony. Total green will be 5.10 Ha. i.e.50.54 % of total plot area. MIDC to ensure the compliance of the same..
2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. 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 & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
10. PP to ensure 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 % of the total fuel requirement to the boiler.
11. PP to provide roof top Rain Water Harvesting facility.
12. PP to ensure that, proposed project is a ZLD unit.

General Conditions:

- I. The project proponent 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 issue of this letter, informing that the project has 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.nic.in>
- II. The project Proponent 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 Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. 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 equipment's is regained.
- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. 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.
- VIII. 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 Maharashtra Pollution Control Board.
- IX. 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 equipment's like ear muff and ear plug etc.
- X. 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.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
- XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the 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 of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.


6. The Environment department reserves the right to add any stringent condition or 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.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Palghar.
7. Regional Officer, Maharashtra Pollution Control Board, Thane.

