Pro-Active and Responsive Facilitation by Interactive,

Single-Window Hub

and Virtuous Environmental





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

To,

The Head Wire Rod Mill and Factory Manager M/S. TATA STEEL LIMITED Plot No. F8, Tarapur Industrial Area, PO. Boisar, Tehsil Palghar, District Palghar -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/IND1/403982/2022 dated 22 Oct 2022. The particulars of the environmental clearance granted to the project are as below.

EC24B008MH117452 1. EC Identification No. SIA/MH/IND1/403982/2022 2. File No.

New 3. **Project Type** 4. Category В

5. Project/Activity including 3(a) Metallurgical industries (ferrous & non ferrous) Schedule No.

Regularization 3.
facilities for Steel Wire Rods – 330000
TPA, Steel Wire & Wire Products – 66000
TPA (Total Production Capacity - 402000
TPA (M/s Tata Steel Limited Seeking 6. Name of Project EC for regularization of existing EC as per

Order dated 12th February, 2020 & MPCB Circular dtd. 20th July, 2021

7. Name of Company/Organization M/S. 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.

(e-signed) Pravin C. Daradé . I.A.S. Date: 05/01/2024 **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/IND1/403982/2022 Environment & Climate Change Department Room No. 217, 2nd Floor, Mantralaya, Mumbai- 400032.

To
M/s. TATA STEEL LIMITED,
Plot No. F8, Tarapur Industrial Area,
Po. Boisar, Tehsil & District – Palghar.

Subject

: Environment Clearance for Proposed Regularization of existing production facilities for Steel Wire Rods – 336000 TPA, Steel Wire & Wire Products – 66000 TPA (Total Production Capacity - 402000 TPA) at Plot No. F8, Tarapur Industrial Area, Po. Boisar, Tehsil & District – Palghar by M/S. TATA STEEL LIMITED

Reference: Application no. SIA/MH/IND1/403982/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 247th meeting under screening category 3 (a) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 269th (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 3rd November, 2023.

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

Sr. No.	Particulars Required	Details
	Name of the project & Address along with all corner latitude and longitude	Environmental Clearance for regularization of existing production facilities of steel wires of capacity 336000 TPA, Steel Wire & Wire Products – 66,000 TPA (Total Production Capacity - 402000 TPA). At Plot no. F8, Village - Kolawade, MIDC Tarapur, Po. Boisar, Tehsil -Palghar, Dist Palghar- 401506, Maharashtra by M/s. Tata Steel Limited, Wire Division F8. (Seeking Environmental clearance for Regularization of Existing Consent Capacity as per MPCB Circular dtd. 20th July, 2021 and Gazette of India, MoEFCC, Notification dtd. 20th July, 2022) Latitude: 19°47'35.71"N, Longitude: 72°43'49.81"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	Mr. P.B. Sonawane

	During During	III. J W. D. J M. O. D. J. J. J.
	Project Proponent	Head Wire Rod Mill & Factory Manager
	·	Tata Steel Ltd., Plot No F8, Tarapur Industrial
		Area, PO. Boisar, Tehsil & Dist. Palghar,
		Email:
		environmentcellwiresplotF8@tatasteel.com
		Phone: +91-9225106100
4	Type of project (ToR/EC/Amendment in	EC
	ToR/Amendment in EC/ Revalidation/	
	Expansion/Process change etc.)	
5	Category of project as per EIA Notification 2006	B1
	amended from time to time (Pl. mention category	
	A,B,B1,B2, etc. whichever is applicable)	
6	If earlier ToR is obtained pl. mention details	Standard ToR Granted Vide File No.
	(ToR letter No. & Date, SEAC/ EAC Meeting	SIA/MH/IND/68609/2021 on dated 27.10.2021
100 100 100 100 100 100 100 100 100 100	No.)	from SEIAA, Maharashtra.
7	If earlier EC is obtained pl. mention EC Number	Not Applicable
'·	& Date	The state of the s
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	No
10	applicable to the project (Yes/No)If yes, pl. give	
	details	
11	Whether Scrutiny fees paid as per SEIAA	No
1.1	guidelines (Yes/No); If yes pl give payment	
	details	
12	Name of accredited Environmental Consultant &	M/s. Anacon Laboratories Pvt. Ltd., Nagpur.
		Accreditation Certificate No. :
		NABET/EIA/2023/SA 0160 (Rev.01), Validity of
		accreditation - June 28, 2023 as per QCI-NABET
		letter No. QCI/NABET/ENV/ACQ/23/2719 dt.
		March 29, 2023 as category 'A' consultant
	The second second	organization
13	Name of layout plan approving Authority	Director, DISH, Goyt, of Maharashtra
	7 11 2	
14	Estimated cost of Project (in Rs. Lakhs)	131.96 Cr.
15	Area of project (in Sq.m.)	118020 (11.80 Hect.)
16	Whether 33% green belt is provided (Yes/No)	Yes
17	Area of Green Belt & No. of trees in the	Green belt Status:
	proposed project in Sq.m.(Pl. provide 2000 trees	
į	per hectare of green belt area)	plant premises. The existing plantation is 3413
	<u> </u>	1 2 2
		already developed within plant premises (i.e.
		2.9 Ha.).
		Action Plan for Proposed Green belt:
<u> </u>		• Additional 3667 saplings (in i.e.1.82 Ha.) with
İ		each sampling height around 6 feet will be
		planted during the upcoming monsoon season

					(Jun' 23 to	Sent' 23)			
		(Jun' 23 to Sept' 23). • 80% survival rate shall be maintained.					be maintained		
				•	 The survival rate is maintained in subsequen 				
					years also until the plantation is complete.				
				•	Thus, tota	l plantation	will be 7080 nos.		
							oposed – 3667) within		
				<u> </u>			within plant premises.		
					Hence Gree complied	en belt condi	tion under CPA is now		
18	Width of	internal roads and turn	ino radi	ne Ro		mtrs, Radiu	s & mtre		
10	Width of	michian roudy and tari	ing mai	100	ad Width " (, iiius, ixaaiu	as o mus		
19	Details o	f proposed construction	1	To	tal 3189	8.6 S q. M.			
				5. C	ilt-	1			
				up					
			ere.	Ar	ea(i				
				n	- 1				
				M.		f buildings –	1		
		American Company		Committee of the Commit	Main 198	Ų	- 2 - 12.70 meters high		
	833				s & (G+2		– 12.70 meters mgn		
]				its	1460 SEE 1		ffice – 7 meters high		
					ight (G+1		Section and the contribution of		
			5 1	in					
20	I jet of D	ow matarials & Stars	na Doto		rs.				
20	List of Raw materials & Storage Details S. No. Raw Material Unit Oty Source Distance Mode of					Na. 1 c			
	D. 140.	Maw Matchal	Unit	Qty	Source	Distance	Mode of Transportation		
	1.	Billets	TPA	342720	TSL and	1800 Km	Rail/Road by truck		
-					open	1000 IXII	Talk Code by truck		
					market				
	2	Wire Rods	TPA	67980	TSL and	1800 Km	Rail/Road by truck		
					open		,		
	E.				market				
	3	ANTIKORR-B120	LPA	180,000	Local	100 Km	Truck		
	**	(rust preventive oil)			Market		CONTRACTOR OF		
	4	Calcium based soap	TPA	37.2	Local	100 K m	Truck		
	_	powder		_	Market				
	5	Wire drawing	TPA	27.6	Local	100 Km	Truck		
		lubricant	TORA 4	10.00	Market	10077			
	6	Sodium based dry	TPA	12.00	Local	100 Km	Truck		
	7	soap powder SP lubricant		7.76	Market Local	100 1/	T 1-		
	/	Servomesh SP- 460	KLA	/./0	Locai Market	100 Km	Truck		
	8	Servomesh SP100	KLA	7.76	Local	100 Km	Truck		
	0	IOCL SP100	KLA	7.70	Local Market	100 KM	1 ruck		
	9	Servo system	KLA	17.76	Local	100 Km	Truck		
	,	46/Enkol	IXL/A	17.70	Market	100 Kill	TTUCK		
الللا		TU/ L/IIKU i			Iviaiket	<u> </u>			

						T		
	10	Base	oil and	KLA	27.48	Local	100 Km	Truck
		additives	Exxon			Market		
		Mobile			· 			
	11	Grease		TPA	12.24	Local	100 Km	Truck
						Market		
	12	Beruotox	x M21	TPA	2.04	Local	100 Km	Truck
					·	Market		
21	Producti	on Detail		######				
	S. N		lame of	Control of the second second second	Net quantit		ceting area	Mode of
			inished	ava	ilable for sa	le (in		Transportation
		100,000	roduct		TPA)			
	1	l v	Vire Rods		336000	Wire		Through Covered
						Mant	ifactures	Trucks
	2	S	teel Wires		66000	Sprin	g	Through Covered
						manu	facturer	Trucks
	Total				402000			
22	Water Co	nsumption	& Effluent go	eneration	(All units it	(CMD)		
	Source &	Otv of w	ater requirem	ent (in C	MD): The	vater requiren	ient 810 KL	D is fulfilled by a water
			water supply.	•				
	Water sur	ply permi	ssion obtained	l (Yes/N	o) & approvi	ng Authority:	Yes	
			ity-MIDC					
	Product	s/	Prod.	Max.	Make up wa			ste water generation
	facilities		Cap.	for co	oling towers	(in Loss/	Eva.	
			(TPA)		KLD)	Lo	SS	
	Steel wir	e rods,	402000		725	72	5	Nil Nil
	Steel Wi	re & Wire						
	Products					1.55		
	Domesti	2	-		85	1.		nestic wastewater (85
						Cathana)) is being treated in
		- 1				20 100 100 100 100 100 100 100 100 100 1		(Cap. 90 KLD). The
							······································	ed domestic waste
								er (70 KLD) will be
								l in Greenbelt and
	Ĭ							dening area inside
					040		plar	t premises.
	4	otal	<u> </u>		810		<u> </u>	
23			e generation	86	200 C C C	<u>ID</u>	0.0.777	
24		_	Treatment ar	id Dispo				D) is being treated in
	of treated sewage: STP. The treated domestic waste water (70 KI							
	will be used in Greenbelt and Gardening ar							Gardening area inside
						t premises.		
25 Detail of Effluent Generation(unit CMD)						· · · · · · · · · · · · · · · · · · ·		
	Particul	ars		Exist	ing	Propose		
İ	Qty. of E	Effluent		0		0	0 0	CMD
	generation	on:(CMD)			Ì			
2								
1	Oty. of h	igh TDS/0	COD			_	No	effluent generation

	effluent:(CMD)	1			from process		
	Qty. of low TDS/COD	 		_	110m pro ce ss		
	effluent:(CMD)				,		
26		Discharge Effluent	Treatment i	Not require from proces	d (no effluent generation s)		
27	Brief Description of Efflu	ent Treatment scher	ne	NA			
28	Qty. of treated effluent			. NA			
	mention Name of CETP a			*			
29	Please mention parameter	s of treated effluent t	o be achieved	as per EP Rul	e,1986 and or stipulated by		
	the SPCB		Tara -	<u> </u>			
	pH (6.5-8.5)		NA		<u> </u>		
	TSS (<100 mg/L)		NA NA				
	Oil & Grease (<10 mg/L)		NA				
	Free available Chlorine (<1.0 mg/L)	NA NA				
	Copper (<1.0 mg/L)		NA				
	Iron (<1.0 mg/L)		NA				
	Zinc (<1.0 mg/L)		NA				
	Chromium (<0.2 mg/L)		NA NA				
	Phosphate (<5.0 mg/L)		NA				
30	Brief Note on proposed		CONTROL DE LA CO				
İ	scheme along with budge	7 30000	ter harvesting	- 1 24511 #			
				year in SSP (A)		
				ter harvesting			
			2000 6.6 M2500 - 5.0000000	ryear in WR	M- 9000		
			W(B)				
	200 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Total		iter M ³		
İ	and Control of the Co		\$25000000000000000000000000000000000000	d in Plot F-8	per 11450		
<u> </u>		77788	year (A	-	<u> </u>		
					water harvested from roof		
					is being used in the process		
		Africa de la composición			ater is directly injected in		
					ttling intake water from		
		Allenger og er state state og er state og er state og er state og er state og er state og er state og er state Det er state og er state og er state og er state og er state og er state og er state og er state og er state o		MIDC. • Values per Year are considering water			
		car in grant	harve	harvested for 3 months of monsoon season i.e.			
				July and Aug			
31	Solid Waste management	& Non-hazardous w	A 200 S (200 S 200		× /		
	Not Applicable						
32	Hazardous Waste Gener			T			
	Name of Waste	H. W. Cat.	Consen	Generated	Disposal Plan		
	generated		ted	Quantity			
<u></u>			Quantit				
	- I		y	1			

	Empty b		33.1	5000		Authorized recycler			
	contami	ers/liners nated with us chemicals/		Nos./Ye ar	(in FY22)				
33	<u> </u>	nsumption			<u> </u>				
,,,	S. N		Qty(in MMBtu/A)	Source	Distance	Mode of			
						Transportation			
	1.	PNG	435900	GAIL/E	BPC 500 M	Through pipeline			
34		te on Air a Control nt's		s being use	d to control the	fugitive emissions if gularization of existing			
			S.N Facilities/Stac	Height	Air Pollutio Control equipment	n Emission Level as per CTO			
·	W 1277 W		1 Billet reheating furnace	ag 50 Mtrs	Heat Recuperate with 50 Mt height chimney	3 S S S S S S S S S S S S S S S S S S S			
35	Stack D	etails (Also i	nclude process vent deta	ils)					
. · · ·	Sr. Sta No.	ck attached			Velocity Volum (m/s) Flow (Nm3/	hr)			
	1 2 23	let Reheating nace	50.0 11.17	421	6.64 18062.	57 1.30E-02			
36	located a b) Maxi	at plot. Imum Deman	upply: 9 MW is being sou d (KVA): 31000 KVA (31) will be provided (Yes/No):	MW is plant	maximum reache				
	Sr. No.		No. of DG Sets Existing Pr	roposed		Capacity			
	Dlegge N	Mention if high	tension line is passing thro	ugh the plat		1500 kVA			
	1	7	-	-					
	if yes, pl. give details of safety measures adopted.								
	-No any construction done below HT line								
	-Tree br	anch falling n	neasures taken.	* *************					
37	At prese	ent we are no	ewable energy with budget using renewable energy, burchased REC worth Rs.	so we are c	oming under RP				
38	Details	of public hea	aring (if applicable) ng: Not Applicable						

implementation) Construction Phase – NA Operation Phase – It's operational plant, EMP has already been implemented. As recurring cost for maintenance of pollution control equipment and implementing or improvement projects to bring down pollution load further are listed as under; Sr. Activities Sr. Activities Cost (Rs. in Lakhs) No. Capital Recurring 1. Air Pollution Control Measures 2. Water and Wastewater (Sewage + Industrial) Management and Rain Water Harvesting Harvesting) 10 (STP Construction and commissioning) 3. Solid & Haz. waste Management 4. Noise Reduction Systems 5. Occupational Health & Safety (Provision of PPE, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program Total 40 Other Relevant Information: (Pl. provide brief note on proposed project) Total Other Relevant Information: (Pl. provide brief note on proposed project) Training Department under HR production facilities as per as per a circular MPCB/ID(APC)/Rolling Mill/O41 dtd. 20th July, 202. Details of environmental Monitoring Cell (Pl. provide organogram with educated Opelification and assertions) Environment Monitoring Cell is already place. The details are as under:	A pr re	ate of public hearing: Not Applicable s per recent Gazette of India Notification, MoEFO ojects shall be exempted from the requirement of quired.	of public consultation. Hence,	Public hearing no					
1. Air Pollution Control Measures 2. Water and Wastewater (Sewage + Industrial) Management and Rain Water Harvesting 3. Solid & Haz. waste Management 4. Noise Reduction Systems 5. Occupational Health & Safety (Provision of PPF, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program 7. Environmental Monitoring Program 8. Total 9. Other Relevant Information; (Pl. provide brief note on proposed project) 40 Details of skill development program within Organization 41 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 42 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 43 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 44 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 45 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 46 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 47 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 48 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 49 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 40 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 40 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience)	in Co re in	EMP (Please mention specific items proposed in EMP along with specific timeline for implementation) Construction Phase – NA Operation Phase – It's operational plant, EMP has already been implemented. Appropriate recurring cost for maintenance of pollution control equipment and implementing ongo improvement projects to bring down pollution load further are listed as under;							
2. Water and Wastewater (Sewage + Industrial) Management and Rain Water Harvesting 10 (STP Construction and commissioning) 3. Solid & Haz. waste Management 4. Noise Reduction Systems 5. Occupational Health & Safety (Provision of PPF, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program 7. Environmental Monitoring Program 8. Total 90 Other Relevant Information: (Pl. provide brief note on proposed project) 10 Details of skill development program within Organization 12 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 12 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 13 Total Training Department under HR program training skill development activities period (Pl. provide organogram with educated Qualification and experience) 14 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 15 CEO & MD 16 (STP Construction and commissioning) 16 (STP Construction and commissioning) 18 (D. 0.0	ļ	A A Market Commence of the Com		Recurring					
Management and Rain Water Harvesting Harvesting 10 (STP Construction and commissioning)		200 200 200 200 200 200 200 200 200 200		1904					
4. Noise Reduction Systems 5. Occupational Health & Safety (Provision of PPE, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program 40 Other Relevant Information; (Pl. provide brief note on proposed project) 41 Details of skill development program within Organization 42 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 43 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 44 Environment Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 45 Environment Monitoring Cell is already place. The details are as under: ENVIRONMENTAL MANAGEMENT C (TSL - WD - F8) CEO & MD 46 VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ	2	`	Harvesting) 10 (STP Construction and	10					
5. Occupational Health & Safety (Provision of PPE, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program 7. Total 40 Other Relevant Information: (Pl. provide brief note on proposed project) 41 Details of skill development program within Organization 42 Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 43 Environmental Monitoring Program 44 Details of skill development program within Organization 45 Environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) 46 Environment Monitoring Cell is already place. The details are as under: ENVIRONMENTAL MANAGEMENT CONTROL (TSL - WD - F8) CEO & MD 47 VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ	3		0.0	3					
PPE, Medical Examination) 6. Greenbelt Development (Plantation and maintenance) 7. Environmental Monitoring Program Other Relevant Information: (Pl. provide brief note on proposed project) 40 Other Relevant Information: (Pl. provide brief note on proposed project) The proposal is for a regularization of exproduction facilities as per as per of Circular MPCB/ID(APC)/Rolling Mill/041 dtd 20 th July, 2021 and Gazette of MoEFCC, Notification dtd.	4.	Noise Reduction Systems	0.0	5					
maintenance green belt development 7. Environmental Monitoring Program 0.0 8 Total 135 50 40 Other Relevant Information: (Pl. provide brief note on proposed project) The proposal is for a regularization of exproduction facilities as per as per 1 Circular MPCB/ID(APC)/Rolling Mill/041 dtd. 20th July, 2021 and Gazette of MoEFCC, Notification dtd. 20th July, 2022 41 Details of skill development program within Organization Training Department under HR protraining skill development activities period training skill development activities period place. The details are as under: ENVIRONMENTAL MANAGEMENT C. (TSL - WD - F8) CEO & MD VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ	5	1 - 1	0.0	8					
Other Relevant Information: (Pl. provide brief note on proposed project) The proposal is for a regularization of exproduction facilities as per as per large of the production faciliti	6	•		12					
Other Relevant Information; (Pl. provide brief note on proposed project) The proposal is for a regularization of exproduction facilities as per as per large of the production faciliti	_ 7	. Environmental Monitoring Program	0.0	8					
on proposed project) production facilities as per as per 1 Circular MPCB/ID(APC)/Rolling Mill/ 041 dtd. 20th July, 2021 and Gazette of MoEFCC, Notification dtd. 20th July, 202 41 Details of skill development program within Organization 42 Details of environmental Monitoring Cell (P1. provide organogram with educated Qualification and experience) Environment Monitoring Cell is already place. The details are as under: ENVIRONMENTAL MANAGEMENT C (TSL - WD - F8) CEO & MD VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ		Total	100 100 100 100 100	2000					
Organization Details of environmental Monitoring Cell (Pl. provide organogram with educated Qualification and experience) Environment Monitoring Cell is already place. The details are as under: ENVIRONMENTAL MANAGEMENT C. (TSL - WD - F8) CEO & MD VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ	or	proposed project)	production facilities as p Circular MPCB/ID(APC)/R 041 dtd. 20 th July, 2021 an MoEFCC, Notification dtd. 2	er as per MPCE Rolling Mill/TB/B d Gazette of India 20 th July, 2022.					
(Pl. provide organogram with educated Qualification and experience) Environment Monitoring Cell is already place. The details are as under: ENVIRONMENTAL MANAGEMENT C. (TSL - WD - F8) CEO & MD VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ									
VP Safety, Health & Sustainability Chief Environment Management Head Environment TSJ	(P	l. provide organogram with educated	ENVIRONMENTAL MANAGEMENT CELL (TSL - WD - F8) CEO & MD						
Chief Environment Management Head Environment TSJ									
Chief Environment Management Head Environment TSJ									
			Chief Environment Management						
Sr. Manager Environment GWI									
			Sr. Manager Environment GWI						

3. The proposal has been considered by SEIAA in its 269th (Day-2) meeting held on 3rd November, 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. PP to ensure that there shall not be any increase in the capacity manufacturing of steel wires, as presently consented by the Maharashtra Pollution Control Board.
- 2. PP informed that, the mandatory 40% green belt will be developed within the plot PP to submit revised layout showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates (preferably sliding gates), provision of culde-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 40% green belt with its dimensions preferably on the periphery of the plot with the provision of drip irrigation, rain water harvesting structures (locations with dimensions), storm water drain lines etc. Adoption of Nature Based Solutions for green area should be kept as a principle of development and ecology.
- 3. PP 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 the reputed credible Government Institute.
- 4. PP to submit certified copy of certified compliance of existing Consent to Operate to be obtained from the Maharashtra Pollution Control Board along with action taken report.
- 5. PP to ensure compliance to all conditions stipulated in the CEPI guidelines.
- 6. There is no generation of industrial effluent from the proposed project. The sewage generation is 70 KLD which will be treated in the sewage treatment plant and will be used for green belt development.
- 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 submit copy of MOU executed with the authorised vendors for disposal of wastes (Hazardous /Non Hazardous) generated on site.
- 10. PP 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.
- 11. 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.
- 12. PP to prepare chemical compatibility chart of all chemicals handled, stored on site and ensure its storage/handling as per compatibility.
- 13. 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.
- 14. PP 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.
- 15. 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 for MSW management in the region for its effective implementation.
- 16. 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.
- 17. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.

SEIAA Conditions

- 1. PP submitted undertaking dated 31.10.2023 stating that, they have obtained plan approval from MIDC dated 13.06.2023 and as per the plan PP proposes to provide 40 % green belt that is 4.72 Ha. within the plot boundary and additional green belt having area of 2.08 Ha is proposed on the land owned by the PP i.e. Tata Housing Colony which is at about a distance of about 5.5 km from the project site. PP submitted that, total green belt area is 6.80 Ha which will be 57.63 % of the plot area. MIDC to ensure the compliance of the same.
- 2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peeple, 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.

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 & 1sr 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.