



File No: SIA/MH/INFRA2/536493/2025

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



Date 04/11/2025



To,

Makarand K Joshi
KIRLOSKAR OIL ENGINES LIMITED
Kirloskar Oil Engines Limited, Laxmanrao Kirloskar Road, Khadki, Pune-411003., Khadki, PUNE,
MAHARASHTRA, 411003
koelparivesh@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/MH/INFRA2/536493/2025 dated 08/05/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3813MH5357324N
(ii) File No.	SIA/MH/INFRA2/536493/2025
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres Proposed Expansion of Industrial Shed Construction by Kirloskar Oil Engines Limited at Plot No. D-1, Five Star MIDC Kagal- Hatkanangale, A/p.-Talandage Tal. Hatkanangale, Dist. Kolhapur.
(vii) Name of Project	KIRLOSKAR OIL ENGINES LIMITED KOLHAPUR, MAHARASHTRA
(viii) Name of Company/Organization	SEIAA
(ix) Location of Project (District, State)	No
(x) Issuing Authority	
(xi) Applicability of General Conditions as per EIA Notification, 2006	

Plot/Survey Khasra Nos.: Plot No. D1

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on . The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on , based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Makarand K Joshi under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. General Instructions:
 - (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
 - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during perational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - (f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - (g) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
12. This issues with the approval of the Competent Authority

Annexure 1

Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Specific

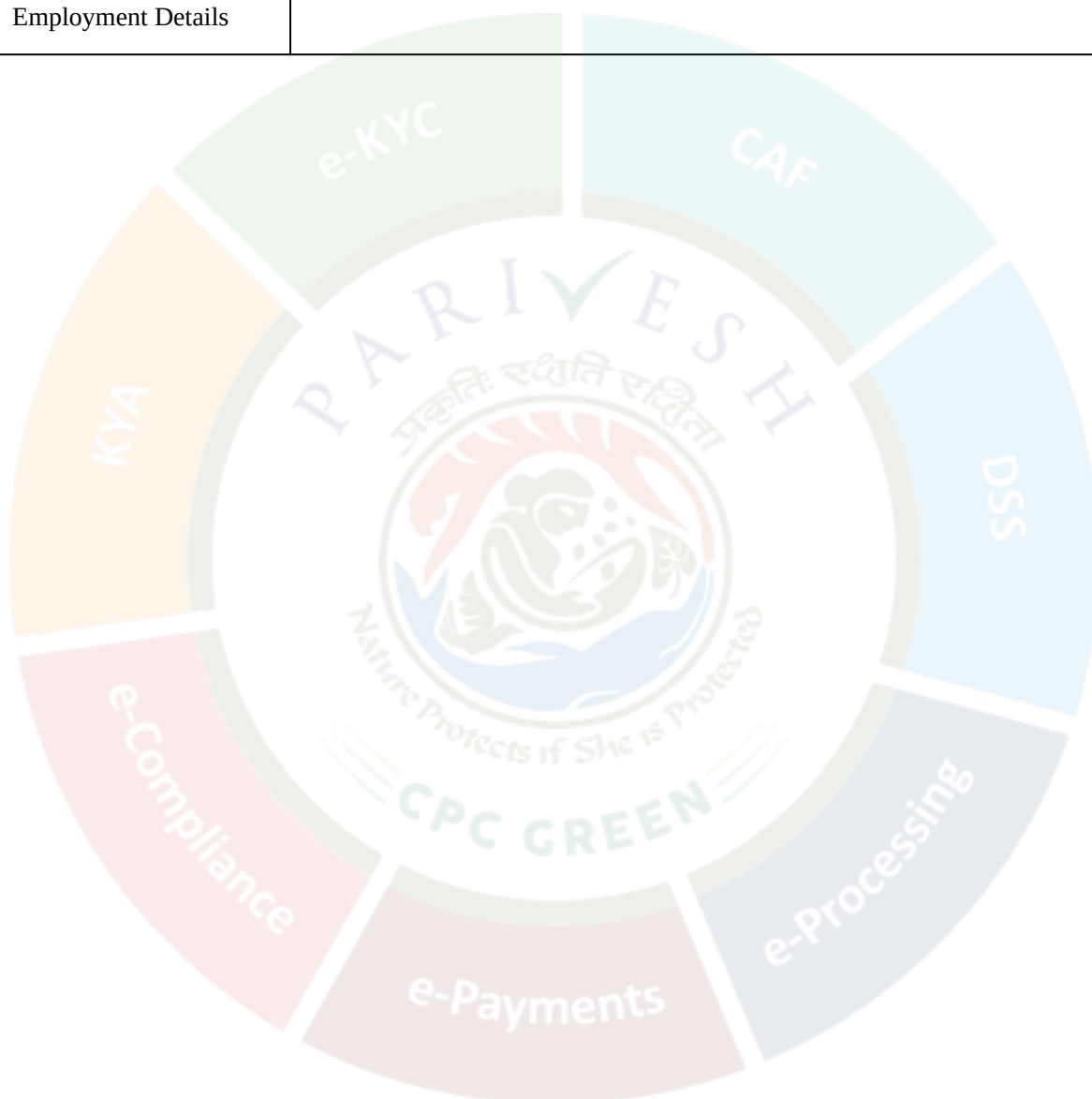
S. No	EC Conditions
1.1	1. PP to obtain IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions indicating all required RG area as per prevailing Hon'ble Supreme Court Order. PP to obtain all mandatory NOCs from the concerned planning authority and the planning authority shall not issue occupation certificate unless PP obtains the same. 2. PP to prepare and implement plan to make proposed project a plastic free zone. 3. PP to ensure to achieve the standard parameters of the treated sewage as per order issued by the Hon'ble National Green tribunal on 30.04.2019. PP to ensure that, the water proposed to be used for construction phase should not be drinking water. 4. PP and the planning authority shall ensure that, the construction and demolition waste (C and D waste) is collected and treated at designated places as per Construction and Demolition Waste Management Rules, 2016 amended from time to time. 5. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy, 2021. 6. PP to ensure to achieve minimum 5% energy saving by using non-conventional energy source.

Annexure 2

Details of the Project

S. No.	Particulars	Details
a.	Details of the Project	Proposed Expansion of Industrial Shed Construction by Kirloskar Oil Engines Limited at Plot No. D-1, Five Star MIDC Kagal-Hatkanangale, A/p.-Talandage Tal. Hatkanangale, Dist. Kolhapur.
b.	Latitude and Longitude of the project site	16.60912746480265,74.36372563910346 16.61717012850508,74.37396290395233
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved
		Area in Ha
		Non-Forest Land (A)
		65.09
		Forest Land (B)
		0
		Total Land (A+B)
		65.09
d.	Date of Public Consultation	Public consultation for the project was held on
e.	Rehabilitation and	NO

S. No.	Particulars	Details
	Resettlement (R&R) involvement	
f.	Project Cost (in lacs)	102030
g.	EMP Cost (in lacs)	105
h.	Employment Details	



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/INFRA2/536493/2025
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Kirloskar Oil Engines Limited,
Plot No. D-1, Five Star MIDC Kagal-Hatkanangale,
A/p.-Talandage Tal. Hatkanangale, Dist. Kolhapur.

Subject : Environmental Clearance for Proposed Expansion of Industrial Shed Construction at Plot No. D-1, Five Star MIDC Kagal-Hatkanangale, A/p.-Talandage Tal. Hatkanangale, Dist. Kolhapur by M/s.Kirloskar Oil Engines Limited.

Reference : Application no. SIA/MH/INFRA2/536493/2025

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 229th meeting under screening category 8 (b) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 307th (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 30th September, 2025.

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

1.	Proposal Number	SIA/MH/INFRA2/536493/2025	
2.	Name of Project	Proposed Expansion of Industrial Shed Construction By Kirloskar Oil Engines Limited at Plot No. D-1, Five Star MIDC Kagal-Hatkanangale, A/p. – Talandage Tal. Hatkanangale, Dist. Kolhapur.	
3.	Project category	Schedule 8 (b) Category B1	
4.	Type of Institution	Private Limited	
5.	Project Proponent	Name	Mr. Makarand K Joshi
		Regd. Office address	Kirloskar Oil Engines Limited, Laxmanrao Kirloskar Road, Khadki, Pune 411003
6.	Consultant	Envirosphere Consultant & Engineers LLP, NABET/EIA/23-26/IA 0130 valid up to 8 th December, 2026	
7.	Applied for	Fresh EC	
8.	Details of previous EC	NA	
9.	Location of the project	Plot No. D-1, Five Star MIDC Kagal-Hatkanangale, Talandage Tal. Hatkanangale, Dist. Kolhapur.	
10.	Latitude and Longitude	Latitude: 16°36'57.38"N, Longitude: 74°22'10.61"E	
11.	Total Plot Area (m ²)	6,50,900 sq. m	
12.	Deductions (m ²)	32,686.22 sq. m.	
13.	Net Plot area (m ²)	6,18,213.78 sq. m	
14.	Proposed FSI area (m ²)	2,58,290.64 sq. m.	
15.	Proposed Non-FSI area (m ²)		
16.	Proposed TBUA (m ²)	2,58,290.64 Sq. m (Existing built-up area of 2,10,769.92 Sq. m. + proposed built-up area of 47,520.64 sq. m. Demolition area 1350.16 Sq. m)	

17.	TBUA (m2) approved by Planning Authority till date	As per sanctioned Plan Approval				
18.	Ground Coverage (m2) & %					
19.	Total Project Cost (Rs.)	Existing Project Cost Rs. 900 Crores + Proposed Project Cost Rs. 500 Crores. = Total 1400 Cores.				
20.	CER	N.A.				
21.	Details of Building Configuration:					Reason for Modification / Change
Previous EC / Existing Building			Proposed Configuration			
Building name	Configuration	Height (m)	Building name	Configuration	Height (m)	
Main Plant	Ground	15.40	Main Plant	Ground	15.40	No Change
Eou Plant Building	Ground	15.40	Eou Plant Building	Ground	15.40	No Change
Office Building	Ground	9.3	Office Building	Ground	9.3	No Change
Scrap Yard	Ground	6.62	Scrap Yard	Ground	6.62	No Change
ETP	Ground		ETP	Ground		No Change
Scarp Yard (CHIP Bin)	Ground	6.62	Scarp Yard (CHIP Bin)	Ground	6.62	No Change
Material Gate	Ground	3.55	Material Gate	Ground	3.55	No Change
Security	Ground	3.55	Security	Ground	3.55	No Change
Main Security	Ground	3.55	Main Security	Ground	3.55	No Change
Utility Building	Ground	5.70	Utility Building	Ground	5.70	No Change
Utility Building EOU	Ground	5.70	Utility Building EOU	Ground	5.70	No Change
Fabrication shed	Ground	8.25	Fabrication shed	Ground	8.25	No Change
Pump House	Ground	5.95	Pump House	Ground	5.95	No Change
Power House	Ground	12.85	Power House	Ground	12.85	No Change
Meter Room	Ground	4.25	Meter Room	Ground	4.25	No Change
Time Office	Ground	3.7	Time Office	Ground	3.7	No Change
Parking Shed	Ground	3.7	Parking Shed	Ground	3.7	No Change
Dining	Ground	6.2	Dining	Ground	6.2	No Change
Kitchen	Ground	6.0	Kitchen	Ground	6.0	No Change
Admin Building	Ground	9.30	Admin Building	Ground	9.30	No Change
GenSet Utility Shed Extension	Ground	5.7	GenSet Utility Shed Extension	Ground	5.7	No Change
Paint, Thinner Store Electric Store	Ground	6.8	Paint, Thinner Store Electric Store	Ground	6.8	No Change
Thermic Fluid Heater Extension	Ground	15.40	Thermic Fluid Heater Extension	Ground	15.40	No Change

Effluent Treatment Plant (Free of FSI)	Ground	3.7	Effluent Treatment Plant (Free of FSI)	Ground	3.7	No Change
Genset Plant Expansion	Ground	15.40	Genset Plant Expansion	Ground	15.40	No Change
LPG Shed	Ground	15.4m	LPG Shed	Ground	15.4m	No Change
Engine Plant 2	Ground	13.2	Engine Plant 2	Ground	13.2	No Change
Utility Building	Ground	6.8	Utility Building	Ground	6.8	No Change
Coolant Preparation Shed	Ground	7.137	Coolant Preparation Shed	Ground	7.137	No Change
Ground Water Tank	Ground	-	Ground Water Tank	Ground	-	No Change
Underground Water Tank & Pump Room	Ground	5.50	Underground Water Tank & Pump Room	Ground	5.50	No Change
Main Receiving Station (MRS) Panel Room	Ground	5.176	Main Receiving Station (MRS) Panel Room	Ground	5.176	No Change
AHU Structures	Ground	5.2	AHU Structures	Ground	5.2	No Change
Scrap Yard	Ground	6.62	Scrap Yard	Ground	6.62	No Change
Weld Shop (CCCP)	Ground	8.25	Weld Shop (CCCP)	Ground	8.25	No Change
Chimney Foundations	Ground	0.51	Chimney Foundations	Ground	0.51	No Change
Cooling Tower	Ground	5.0	Cooling Tower	Ground	5.0	No Change
Solar Installation - 1	Ground	2.0	Solar Installation - 1	Ground	2.0	No Change
Solar Installation - 2	Ground	2.0	Solar Installation - 2	Ground	2.0	No Change
WH-1	Ground	17.5	WH-1	Ground	17.5	No Change
WH-2	Ground	17.5	WH-2	Ground	17.5	No Change
Driver's Rest Room	Ground	4.9	Driver's Rest Room	Ground	4.9	No Change
Forklift Shed	Ground	10.15	Forklift Shed	Ground	10.15	No Change
Genset	Ground	15.4	Genset	Ground	15.4	No Change
Pargola Shed	Ground	3.37	Pargola Shed	Ground	3.37	No Change
Security Cabin	Ground	3.55	Security Cabin	Ground	3.55	No Change
Extension of EP-1 on North Side	Ground	8.71	Extension of EP-1 on North Side	Ground	8.71	No Change
Test Lab in ETP System	Ground	3.7	Test Lab in ETP System	Ground	3.7	No Change
			Proposed Building name	Configuration	Height (m)	
			F.G. Warehouse	Ground	14.60	New

					Structure
		Security & Truck Driver Room	Ground	3.75	New Structure
		R.M. Warehouse	Ground	14.60	New Structure
		HHP Shed	Ground	14.60	New Structure
		Lounge	Ground		New Structure
		Genset	Ground		New Structure
		Microgrid Pannel Room	Ground		New Structure
		Pantry	Ground		New Structure
		Reception	Ground		New Structure
		Chip Bin	Ground		New Structure
		MS Staircase Near Mp1	Ground		New Structure
		Cooling Tower Sl 90 At Ep2	Ground		New Structure
		DV Test Cells Cooling Tower At Ep2	Ground		New Structure
		R550 Cooling Tower At Ep	Ground		New Structure
		Pergola Shed	Ground		New Structure
		F.G. Warehouse	Ground		New Structure
		Security & Truck Driver Room	Ground		New Structure
22.	Total number of tenements	Residential Tenements: 0 tenements During Construction Manpower: 100 During Operation Manpower (Existing) 2085 During Operation Manpower (Proposed) 100 Total Manpower During Operation Phase: 2185			
23.	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Fresh Water	425	Fresh Water	425
		Recycled	395	Recycled	395
		Landscape	337	Landscape	0
		Flushing	43	Flushing	43
		Total	775	Total	438
		Waste water generation	135	Waste water generation	135
24.	Water Storage Capacity for Firefighting / UGT (m3)	Domestic Water Tank (UGT 2 Nos.), 14m X 15m X 7m Capacity 1172 m3			
25.	Source of water	Construction phase- Tanker Water Operation phase- MIDC			
26.	Rainwater Harvesting (RWH)	Level of the Ground water table	Post monsoon water table: 10.0 m to 12.0 m BGL Pre monsoon water table: 12.0 m to 14.0 m BGL		
		Size and No. of RWH tank(s) and Quantity	Existing Pond 6 Total Capacity: 1000 KL		
		Quantity and size of recharge pits	Proposed Surface Recharge Pits: 6 Nos. Proposed Rooftop Recharge Pits: 20 Nos. Size 8.0 x 5.0 x 3.0m		

27.	Sewage and Waste water	Sewage generation in CMD		135 CMD			
		STP technology		MBBR			
		Capacity of STP (CMD)		422 CMD (Existing STP + ETP)			
28.	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)		Treatment / disposal		
		Dry waste	15		Through authorized agency		
		Wet waste	10		Through authorized agency		
		Construction waste	As per generation		Maximum reuse		
29.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)		Treatment / disposal		
		Dry waste	312		Through authorized agency		
		Wet waste	208		In-situ Composting		
		Non-Hazardous waste (Existing)					
		Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
		1	Black Ash from Plastic to fuel plant	20	Kg/Day	N.A.	Sale to brick manufacturers
		2	Waste Welding Glass	200	Kg/M	N.A.	Sale to authorized vendor for recycle
		3	Bio-sludge from STP	2000	Kg/M	N.A.	Used as manure within own premises
		4	Canteen Waste	21000	Kg/M	Bio-gas plant, OWC followed by vermi-composting facility	Used in input of Biogas plant/as manure within own premises
		5	Metal Scrap	480	MT/M	N.A.	Sale to authorized vendor
		6	Garbage	94	MT/M	N.A.	Sale to authorized agency
		7	Wooden scrap	156.26	MT/M	N.A.	Sale to authorized vendor
		8	Rubber plastics	128	MT/M	Partly used as raw material to plastic fuel plant	Sale to authorized vendor/Plastic to fuel plant
		9	Waste corrugated boxes	63	MT/M	N.A.	Sale to authorized vendor
		10	Cotton waste	1.5	MT/M	N.A.	Sale to authorized vendor
11	Grinding Dust	26	MT/M	N.A.	Sale to authorized vendor/Recycler		
12	Sheet Scrap	5	MT/M	N.A.	Sale to authorized vendor		
Non-Hazardous waste (Proposed)							
Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal		
1	Waste Welding Glass	300	Kg/M	Segregated	Sale to authorized vendor for recycle		
2	Canteen Waste	25000	Kg/M	Bio-gas plant, OWC followed by vermicomposting	Used in input of Biogas plant/as manure within own premises		
3	Waste Plastics	7500	Kg/M	Segregated	Sale to authorized vendor		

4	Electrical cables/Assorted material scrap	2000	Kg/M	Segregated	Sale to authorized vendor
5	Metal Scrap	120	MT/M	Segregated	Sale to authorized vendor
6	Garbage	23.5	MT/M	Segregated	Sale to authorized agency
7	Wooden Scrap	39.06	MT/M	Segregated	Sale to authorized vendor
8	Rubber Plastics	32	MT/M	Partly used as raw material to plastic fuel plant	Sale to authorized vendor/Plastic to fuel plant
9	Waste corrugated boxes	15.75	MT/M	Segregated	Sale to authorized vendor
10	Cotton Waste	0.37	MT/M	Segregated	Sale to authorized vendor
11	Grinding Dust	6.5	MT/M	Segregated	Sale to authorized vendor/Recycler
12	Sheet Scrap	1.25	MT/M	Segregated	Sale to authorized vendor
Hazardous waste (Existing)					
Sr No	Waste Type	Qty.	UoM	Treatment	Disposal
1	5.1 Used or spent oil	7.0	kld	Reprocessing	Sale to authorized party
2	Oil soaked cotton waste	8.0	MT/M	Incineration	CHWTSDF
3	Paint sludge	20.7	MT/M	Incineration	CHWTSDF
4	Chemical sludge from waste water treatment	46	MT/M	Landfill	CHWTSDF
5	Contaminated aromatic, aliphatic, or naphthenic solvents	0.2	MT/M	Incineration	CHWTSDF
6	Phosphate sludge	7600	Kg/M	Landfill	CHWTSDF
7	Empty barrels/liners contaminated with hazardous chemicals	2500	No/M	Reconditioning	Sale to authorised party
8	Waste epoxy powder	4.0	MT/M	Incineration	CHWTSDF
9	Empty barrels/liners contaminated with hazardous chemicals	1550	Kg/M	Reconditioning	CHWTSDF
10	Contaminated aerosol cans	900	No/M	Incineration/Other	CHWTSDF / Sale to authorised reprocessor
11	Waste rock wool / waste glass tissue paper	2000	Kg/M	Incineration	CHWTSDF
12	Waste softener resin	700	Kg/Annum	Incineration	CHWTSDF

13	Grinding wheels	3.0	MT/A	Incineration / Recycling	CHWTSDF / Authorised reprocessor
	Filter papers, oil filters	3000	Kg/M	Incineration	CHWTSDF
	Used tubelights	300	Kg/M	Incineration	CHWTSDF
	Empty barrels/liners contaminated with hazardous chemicals	44000	No/M	Reconditioning	Sale to authorised party
Hazardous waste (Proposed)					
Sr No	Waste Type	Qty.	UoM	Treatment	Disposal
1	Empty barrels/liners contaminated with hazardous chemicals	1100	No/M	Incineration / Recycle*	Sale to authorised party / CHWTSDF
2	Chemical sludge from waste water treatment	55	MT/M	Landfill	CHWTSDF
3	Process wastes, residues and sludges	25	MT/M	Incineration / Recycle*	Sale to authorised party / CHWTSDF
4	Contaminated cotton rags or other cleaning materials	15	MT/M	Incineration	Sale to authorised party / CHWTSDF
5	Grinding wheels	3.5	MT/A	Incineration / Recycle*	Sale to authorised party / CHWTSDF
6	Waste rock wool / waste glass tissue paper	2300	Kg/M	Incineration	CHWTSDF
7	Phosphate sludge	8000	Kg/M	Landfill / Recycle*	Sale to authorised party / CHWTSDF
8	Spent pickling liquor	1	MT/M	Landfill	CHWTSDF
9	Empty barrels/liners contaminated with hazardous chemicals	55500	No/M	Recycle*	Sale to authorised party / CHWTSDF
10	Spent ion exchange resin containing toxic metals	1000	Kg/Annum	Incineration	CHWTSDF
11	Process wastes, residues and sludges	5	MT/M	Incineration / Recycle*	Sale to authorised party / CHWTSDF
12	Contaminated aromatic, aliphatic or naphthenic solvents	0.5	KL/M	Incineration	CHWTSDF
13	Spent carbon or filter medium	500	Kg/M	Incineration	CHWTSDF
14	Used or spent oil	10	KL/D	Recycle	Sale to authorised party for recycle
15	Wastes or residues containing oil	3500	Kg/M	Incineration	CHWTSDF
Biomedical waste		0.07	Will be Handed over to authorized biomedical waste treatment facility		
E-Waste		46.73	Will be Handed over to authorized vendor for refurbishment		

30.	Green Belt Development	Total RG area (m2)		65530.75 sqm			
		Existing Trees on plot:		14584			
		Number of trees to be planted		400			
		Number of trees to be cut		0			
		Number of trees to be transplanted		0			
31.	Power requirement	Source of power supply		MSEDCL			
		During Construction Phase (Demand Load)		100KW			
		During Operation phase (Connected load)		9949 kVA			
		During Operation phase (Demand load)		10749 kVA			
		Transformer		3 MVA			
		DG set	22 Nos. of DG Sets: (Existing): 250 KVA x 1, 5625 KVA x 1, 600 KVA x 6, 500 KVA x 11, 1010 KVA x 3 5 Nos. of DG Sets: (Proposed): 500 KVA x 2, 1010 KVA x 3				
Fuel used		HSD					
32.	Details of Energy saving	Provision of daylighting., Use of LED light and LED flood lights, All cables will be insulated to avoid heating during use. This also indirectly reduces losses and imposes reliability., All pumps and motors will be energy efficient., Consumption of non-renewable fuel will be minimized. , Provision of solar Photovoltaic cells. 90% Energy saving achieve through Existing Solar Power Plant Project					
33.	Environmental Management plan budget during Construction phase	Activity		Capital Cost (₹)		Recurring Cost (₹)	
		Demolition Work		₹3,00,000/-		₹52,000/-	
		Site Development		₹50,000/-		₹1,20,000/-	
		Occupational Health & Safety		Included above (PPEs reused)		₹1,80,000/-	
		Transportation & Logistics		₹0 (existing logistics arrangements)		₹3,00,000/-	
		Construction Waste Management		₹1,50,000/-		₹3,60,000/-	
		Domestic Waste Management		₹1,00,000/-		₹2,40,000/-	
		Corporate Environmental Responsibility (CER)		₹25,00,000 /-		₹0/-	
		Green Belt Development		₹4,49,000 /-		₹3,00,000/-	
		Total		35,49,000/-		15,52,000/-	
34.	Environmental Management plan Budget during Operation phase	Component Details		Capital (L)		O&M (L/Y)	
		Environment monitoring		₹. 16,00,000/-		₹. 1,50,000/-	
		Water Consumption, Effluent, Wastewater Management		₹.		₹. 7,00,000/-	
		Solid Waste Management		2,50,00,000/-			
		Rainwater Harvesting		₹. 5,00,000/-		₹. 50,000/-	
		Green Belt Development		-		₹. 18,36,000/-	
		Energy Utilization		₹. 50,50,000/-		₹. 5,00,000/-	
		Total		3,21,50,000/-		32,36,000/-	
35.	Traffic Management	Type	Required as per DCR	Actual Provided	Area / parking (m2)	Total parking area (m2): 78,108.00	
		4-Wheeler	543	543	12.5		
		2-Wheeler	3065	3065	2		
		Truck	75	75	12.5		
36.	Details of Court cases / litigations w.r.t. the project and project location if any					NA	

3. Proposal was considered by SEIAA in its 307th (Day-2) meeting held on 30th September, 2025 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:

A. SEAC Conditions-

1. PP to obtain IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions indicating all required RG area as per prevailing Hon'ble Supreme Court Order. PP to obtain all mandatory NOCs from the concerned planning authority and the planning authority shall not issue occupation certificate unless PP obtains the same.
2. PP to prepare and implement plan to make proposed project a plastic free zone.
3. PP to ensure to achieve the standard parameters of the treated sewage as per order issued by the Hon'ble National Green tribunal on 30.04.2019. PP to ensure that, the water proposed to be used for construction phase should not be drinking water.
4. PP and the planning authority shall ensure that, the construction and demolition waste (C and D waste) is collected and treated at designated places as per Construction and Demolition Waste Management Rules, 2016 amended from time to time.
5. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy, 2021.
6. PP to ensure to achieve minimum 5% energy saving by using non-conventional energy source.

B. SEIAA Conditions-

1. PP has provided mandatory RG area of 65530.75 m² on mother earth without any construction. Local planning authority to ensure the compliance of the same.
2. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
3. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
4. In view of Maharashtra Electric Vehicle Policy, 2025, PP to provide electric vehicle D. C. Charger for 20 % of total parking provided, the number of D. C. Chargers should be worked out as provided in Niti Ayog Handbook of EV charging infrastructure implementation.
5. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA III dt.04.01.2019.
6. SEIAA after deliberation decided to grant EC for-FSI-2,58,290.64 m², Non FSI- Nil-m², total BUA-2,58,290.64 -m². (Plan approval No. DB.KH/FS/D-1/DIS/105894 of 2025 dated 21.04.2025).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and

health aspects of people, only in the approved sites with the approval of competent authority.

- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets

may be decided with in consultation with Maharashtra Pollution Control Board.

- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management 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 clearance letter

are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in

- XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
 - II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
 - III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
 - V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
 - VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
 - VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
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. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

6. 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.

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

8. 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.

9. 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.


Jayashree Bhoj
(Member Secretary, SEIAA)

Copy to:

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

