Member Secretary,
State Environmental Impact Assessment Authority (SEIAA), Odisha
Bhubaneswar – 751 023, Odisha

TSK/Env/C-05/ ***18*** */2026-27*
25th May' 2026

Dear Sir,

Sub.: Six Monthly Compliance Report for Oct'25 to Mar'26, for Environmental Clearance for Residential Complex of Tata Steel at Kalinganagar Industrial Complex, Jajpur, Odisha.

Ref.: (i) EC Granted by SEIAA vide Letter No. SEIAA/ 4669 dated 17.08.2015
(ii) EC validity Extension granted by SEIAA vide File No. SIA/OR/MIS/271482/2022 dated 04.05.2023.
(iii) EC Granted by SEIAA vide File No. 503896/61-INFRA2/11-2024 dated 27.03.2025

We enclose herewith Six-Monthly Compliance Report for the period from Oct'25 to Mar'26 for the conditions stipulated in Environmental Clearance on 17.08.2015, subsequent validity Extension dated 04.03.2023 and Environmental clearance granted for proposed Expansion with Modification of 'Residential Township Project' with increase in total Built-Up Area from 1,47,380 Sqmt.to 2,37,691.70 Sqmt. granted by SEIAA, Odisha for construction of Residential Complex of Tata Steel Plant located at Kalinganagar Industrial Complex, at Khurunti and Gadapur, Dist. Jajpur, Odisha for your kind considerations.

We trust the information furnished is in line with your requirement.

Thanking you,

Yours faithfully,

Raju Agrawal
Head, Environment, TSK

Encl. a/a

Copy to: The Deputy Director General of Forests (C), Integrated Regional Office, MoEF&CC, BBSR for his kind perusal.
The Member Secretary, OSPCB Bhubaneswar
The Regional Officer, OSPCB Kalinganagar

Construction of Residential Complex
for
Tata Steel Plant located at
Kalinganagar Industrial Complex,
at Khurunti and Gadapur, Dist- Jajpur, Odisha

Environment Compliance Report
(Oct'25 to Mar'26)

Environment Department
Tata Steel Limited
Kalinganagar Industrial Complex
Duburi- 755026
Dist- Jajpur, Odisha

	GENERAL CONDITIONS	STATUS AS ON 31.03.2026
1.	The Project Proponent shall comply with all the conditions stipulated in the building approval letter.	We are implementing the project in strict adherence to the conditions stipulated in the building approval letter, vide KNDA letter no: BP/115/18(Revised) 1124/KNDA dated 15.12.2018. The implemented measures include: 1. Drawing confirming to KNDA (Planning and building Standards) regulation 2017, in terms of all building parameters including parking and plantation norms. 2. The land designated for construction is accessible via an approved means of access, 35 meters in width. 3. Parking space measuring 36,463 sqm has been handed over for occupancy as part of the project, against the approved 40,463 sqm detailed in the KNDA plan. 4. Occupancy certificates have been obtained and submitted to KNDA for the following buildings prior to their occupancy: Building D Wing A Building E Wing A & B Building F Wing A, B, & C Building G Wing A, B, & C Building D Wing B Bungalow B (3 Nos) Bungalow C (10 Nos) Sports Complex Building J 5. Necessary approvals, including a No Objection Certificate (NOC) from the Airport Authority of India, have been obtained as per statutory requirements.
2.	The applicant (Project proponent) will take necessary measures for preventions, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by them in form-1, form-1A, and Environment Management plan (EMP) in compliance	Measures are being undertaken to ensure the prevention, control, and mitigation of various types of pollution, as outlined in Form-1, Form-1A, and the Environmental Management Plan (EMP), adhering to the prescribed statutory norms and standards:

GENERAL CONDITIONS		STATUS AS ON 31.03.2026
	with the prescribed statutory norms and standards.	**1. Air Pollution Control:** • Regular water sprinkling is being carried out to minimize dust emissions. • Sand quarries are maintained in a covered state. • Cement for construction activities is transported to the site using closed cement bulker trucks. • A Continuous Ambient Air Quality Monitoring Station (CAAQMS) has been installed at the residential complex to monitor air quality 24x7. **2. Water Pollution Control:** • Rainwater harvesting has been implemented with 60 recharge pits operational. • A sewage treatment plant (STP) of 1000 KLD capacity is functional to treat wastewater effectively. **3. Solid Waste Management:** • Solid waste generated at the site is collected, segregated, and disposed of at regular intervals. • Wet waste is processed into manure using two Organic Waste Converters (OWCs), each with an input capacity of 200 Kg/day. **4. Rainwater Harvesting and Percolation:** A rainwater harvesting cum percolation pond with a capacity of 46,000 m^3 has been constructed and is operational.
3.	The applicant will take statutory clearance/ approval/ permissions from the concerned authorities in respect of the project as and when required.	Statutory clearance/ approval/ permissions from the concerned authorities have been obtained in respect of the project as and when required, which includes: 1. Approval from Kalinganagar Development Authority (KNDA). vide KNDA letter no: BP/115/18(Revised) 1124/KNDA dated 15.12.2018. 2. NOC from Director General of Civil Aviation for building height. Vide AAI NOC ID No-BHUB/EAST/B/110215/213874 &

GENERAL CONDITIONS		STATUS AS ON 31.03.2026
		BHUB/EAST/B/091424/1227852 vide dated 17.09.2024. 3. NOC from Fire Department, Odisha. Vide Certificates no- 03/FPW dated 31.01.2019 15/FPW dated 30.11.2019, 03/FPW dated 12.01.2021, 19/FPW dated 18.08.2021, FIRCER1101010062024004354 dated 22.04.2024, FIRCER1101010062024005082 dated 19.09.2024 & FIRCER110 1010062024005080 dated 19.09. 2024,FIRCER1101012024005468/00 dated 03.12.2024 FIRCER1 101010052025006341 dated 06.05.2025 and FIRCER11 01010052025006615 dated 20.06. 2025 4. CTE and CTO from Odisha State Pollution Control Board. CTO: OSPCB vide Letter No. 4649 dtd.30.03.2024. CTE: OSPCB vide. letter No. 17242 dtd. 31/10/2015 5. Occupancy certificate from KNDA. Vide KNDA letter no: BP-115/18/161/KNDA Dated 14.03.2019, BP-115/18 (Part II) 244/ KNDA Dated 29.02.2020, BP-03/21-828 / KNDA Dated 26.04.2022, BP-161/21 & 91/22-(Part-IV) 1199/KNDA dated 11.07.2022, & BP161/21/91/ 22, 91/22 (2) – (Part -V) 851/KNDA dated 06.09.2024, BP-06/25-(Part-VI)587 / KNDA dated 29/07/2025, BP-07/25-(Part-VII)585 / KNDA dated 29/07/2025 and Letter No. BP/KDA/023314, Date: 28/11/2025.
4.	The applicant will submit half-yearly compliance report on post environmental monitoring in respect of the stipulated term and conditions in the environmental clearance to the State Environmental Impact Assessment Authority (SEIAA), Odisha, SPCB & Regional Office of the Ministry of Environmental & Forest, Odisha, on 1st June and 1st December of each calendar year.	We are adhering to the condition and diligently submitting the six-monthly compliance reports within the stipulated timeframe. The latest Six-monthly compliance report for the period Oct 2024 to March 2025 was submitted to MoEF&CC Regional Office / OSPCB vide letter no. TSK/Env/C-05/10/2025-26 dated 26.05.2025.

GENERAL CONDITIONS		STATUS AS ON 31.03.2026
5.	The project proponent shall obtain periodic Occupancy Renewal Certificate from the Competent Authority at an interval of 3 to 5 years as per the provisions of National Building Code (NBC) 2005.	We obtained the Occupancy certificate from Kalinganagar Development Authority on 14.03.2019, 29.02.2020, 26.04.2022, 11.07.2022 and 06.09.2024.
6.	The proponent shall comply to all the conditions stipulated by the Fire Prevention Officer, Odisha.	Conditions being complied as stipulated in the Fire Safety Certificates issued on 31.01.19, 30.11.2019, 12.01.21, 18.08.2021, 22.04.2024 and 19.09.2024 by the Chief Fire officer, Fire prevention wing.
7.	The Applicant will adopt the prescribed norms, and standards provided in the national Building Code of India 2005.	We are fully complying with the prescribed norms and standards as outlined in the National Building Code of India 2005. Key measures include: **Fire Tender Route:** A 6-meter-wide fire tender route has been provided to ensure smooth access during emergencies. **Building Setbacks:** Setbacks are being maintained in accordance with the guidelines stipulated in NBC 2005. **Lifts:** Lifts have been installed in each tower to enhance accessibility and meet NBC 2005 standards. **Floor Area Ratio (FAR):** The FAR has been maintained at **0.59**, ensuring compliance with prescribed limits. **Firefighting Systems:** Firefighting systems have been installed in each tower, tailored to the specific building heights, as per NBC 2005 norms. **Design Data:** All building design elements comply with technical parameters based on NBC 2005 provisions.
8.	Consider the peak water consumption of the occupants, the design of the water supply system and sewage disposal system of the project should be based on the provisions of the water consumption.	The water supply system and sewage treatment system of the project are designed based on the peak water consumption. The projected water consumption is 650 KLD, and the effluent treatment capacity is 1000 KLD at full capacity. The current water consumption ranges between 550-600 KLD.

GENERAL CONDITIONS		STATUS AS ON 31.03.2026
9.	The Project Proponent should ensure advertising in at least two local newspapers widely circulated in the region, one of which shall be in vernacular language informing the public that the project has been accorded environment clearance and copies of clearance letters are available with SEIAA, Odisha and the State Pollution Control Board (SPCB) And may also be seen on the website of the board. The Advertisement shall be made within 7 days from the date of issue of the environmental clearance & a copy of the same should be forwarded to the regional office of MoEF, Bhubaneswar.	Details of Newspaper advertisement are as below: - Newspaper — Language — Date New Indian Express — English — 15.09.15 Samay — Odia — 15.09.15 Copy of the advertisement was submitted to SEIAA/MoEF/OSPCB vide our letter KPO/Env/C-08/61/2015 dated 18.09.2015. Please refer **Annexure-1**.
10.	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, where received while Processing the proposal. The clearance letter shall also be put be on the Website of the Company by the proponent.	Copy of EC was submitted to Sarpanch-Sarangapur Gram Panchayat and Zila Parishad vide our letter no KPO/Env/C-08/62/ 2015 dated 18.09.2015. Copy of EC was submitted to Kalinganagar Development Authority (KNDA) on 10.09.2015 vide letter KPO/CS/0135/15.
11.	The Proponent Shall upload the status of compliance of the stipulated environmental clearance conditions, including result of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, SEIAA, Odisha, the respective zonal Office of CPCB and SPCB.	Status of compliance of the stipulated environmental clearance conditions, is available in company's website https://www.tatasteel.com/corporate/our-organisation/environment/environment-compliance-reports/ We are submitting the six-monthly compliance report in stipulated time. Last Six-monthly compliance reports for the period Apr'25 to Sep'25 was submitted to the Regional Office of MoEF&CC, SEIAA, Odisha, the respective zonal Office of CPCB and SPCB in soft copy on 28.11.2025. Environmental Monitoring Data for Period Oct'25 to Mar'26 is attached as **Annexure-2.**

	GENERAL CONDITIONS	STATUS AS ON 31.03.2026
12.	The Environment statement for each financial year ending 31st March in form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the Status of compliance of environmental clearance conditions and shall also be sent to the respective regional Officers of the Ministry by e-mail.	Both, Environment Statement and Status of Compliance of EC conditions are available on company's website. https://www.tatasteel.com/corporate/our-organisation/environment/environment-compliance-reports/
13.	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal act, 2010.	We acknowledge that any appeal against this Environmental Clearance (EC) filed with the National Green Tribunal within 30 days, as stipulated under Section 16 of the National Green Tribunal Act, 2010.

A. CONSTRUCTION PHASE

	SPECIAL CONDITIONS	STATUS AS ON 31.03.2026
1.	No ground water shall be extracted for the project work at any stage during the construction phase. If ground water will be used during construction phase, they shall obtain permission from the Water Resource Department.	The condition has been fully adhered to, as no groundwater has been extracted for construction activities. Details of the water arrangement for the project are as follows: Current Water Source: Present water requirement of 550-600 KLD is being sourced from the Tata Steel Plant. The project has an agreement with the Jaraka Irrigation Department, Department of Water Resources, Government of Odisha, to ensure compliant water supply. Water allocation has been granted by the Department of Water Resources, Government of Odisha, as per the Water Resource Department's Letter No. 5550 dated 26.02.2024.

	SPECIAL CONDITIONS	STATUS AS ON 31.03.2026
2.	Provision shall be made for the housing of construction laborers within site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilet, mobile STP safe drinking water, Medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of project.	Source of laborers is mainly from local area. No temporary housing is provided for construction workers on the project site. First aid and medical facilities are available close to the site.
3.	A First Aid room will be provided in the project site both during construction and operation of the project.	First Aid room has been provided within the complex.
4.	All the topsoil excavated during construction activities should be stored separately for use in land filling, horticulture/landscape development within the project site.	The topsoil excavated during construction has been effectively utilized for landscape development and plantation.
5.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities will be disposed off taking the necessary precaution for general safety and health aspects of people only in approved site with the approval of competent authority.	Proper storage and disposal measures have been implemented to prevent any adverse effects on the neighborhood, with all necessary precautions taken to ensure general safety and health.
6.	Construction spoils, including bituminous material and other Hazardous Materials should not be allow to contaminate watercourses, ground water and dump sites by following safe dumping / disposal practice as per statutory rules and norms with necessary approval of Odisha state Pollution Control Board.	Construction spoils, including bituminous materials, are stacked to prevent contamination of watercourses, groundwater, and dump sites. Groundwater quality monitoring data for the period from Oct'25 to Mar'26 is enclosed, confirming that all monitored values are within acceptable norms.
7.	The fuel for diesel generator sets to be used during construction phase shall be use low sulfur diesel fuel and should conform to Environment (Protection) rules 1986 prescribed for air emission and noise standard.	During the construction phase, High-Speed Diesel (HSD) is utilized for the DG sets, which fully comply with the Environment (Protection) Rules of 1986, adhering to prescribed standards for air emissions and noise levels.
8.	The Diesel required for operating DG sets shall be stored in underground tanks and if, required, clearance from Chief Controller of Explosive shall be taken.	Diesel is sourced from nearby dispensing units, and we do not envisage a storage capacity that requires clearance from CCOE.
9.	Vehicles used for bringing construction materials to the sites should be in good conditions and should have a pollution check certificate, covered and conform to statutory air	We ensure compliance by allowing only vehicles with a valid "Pollution Under Control" certificate to enter the site, with

	SPECIAL CONDITIONS	STATUS AS ON 31.03.2026
	and noise standards and should be operated only during non-peak hours of days.	periodic checks conducted to maintain this standard.
10.	Ambient noise level should conform to residential standards both during day and night. Incremental pollution loads on ambient air and noise quality should be closed monitored during construction phase. Adequate Measures should be taken to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ OPCB.	To reduce noise level, movement of construction vehicles is carried out during non-peak hours and construction machinery with lesser noise and vibration parameters are used. Regular dust suppression, preventive vehicle maintenance, etc. are ensured to control of dust and noise. Noise level monitoring data has been furnished with the submitted six monthly compliance and the data is within the norms.
11.	Fly ash bricks should be used as building material in the construction as per the provisions to fly ash notification of September 1999 and as amended thereafter.	Fly ash bricks sourced from nearby areas, are being used as building material. Total 30,53,069 no's of fly ash bricks have been used for construction, till date.
12.	Ready mixed concrete should be used in building construction.	Ready mixed concrete is being used in building Construction. Till date 1,27,751 cum of ready-mix concrete has been used for construction purpose.
13.	Storm water control and its reuse should be as per CGWB and BIS Standard for these applications.	Pond has been constructed for stormwater collection, with the collected water being effectively utilized for horticulture, gardening, and water sprinkling purposes
14.	Water demand during construction should be optimized by adopting best practices without compromising quality. It should be brought to the site by tanker.	During the construction phase, water conservation measures have been implemented to optimize water demand, including the use of ready-mix concrete
15.	Separation of grey and black water supplies and collection should be done by the dual plumbing line. Grey and Black water should be adequately treated separately so as to confirm to the prescribed standard before recycling / reuse.	Dual plumbing systems have been installed and are fully operational in units that are currently in use.
16.	Fixtures for showers, toilet flushing and drinking water should be low flow type and restricted to requirements by the use of aerators, avoiding wastage pressure reducing devices or sensor-based controls.	Low-flow fixtures have been implemented for showers, toilet flushing, and drinking water, utilizing aerators and incorporating pressure-reducing devices or sensor-based controls to minimize water wastage and meet efficiency requirements.

	SPECIAL CONDITIONS	STATUS AS ON 31.03.2026
17.	Use of glass may be, maximum up to 40% of the total outer wall area to reduce the energy consumption and load air conditioning. If necessary, high quality double glass with special reflective coating may be used in the windows.	The use of glass has been restricted to less than 40% of the total outer wall area, ensuring compliance with the specified environmental conditions.
18.	Roof should meet the prescribed requirement as per energy conservation building Code by using appropriate thermal insulation material.	The roof has been constructed in accordance with the Energy Conservation Building Code (ECBC) norms, ensuring compliance with the prescribed energy efficiency standards.
19.	Opaque wall should meet prescribed requirement as per the energy conservation Building Code.	Opaque walls are made as per Energy Conservation Building Code.
20.	The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of firefighting equipment etc. as per National Building Code of India, 2005 including protection measure from lightning etc.	Structural safety certificate has been obtained from M/s Ramboll India Pvt. Ltd. vide letter dated 4th December 2017.
21.	Regular Supervision of the above and the other measures for the monitoring should be in place all through the construction phase to avoid disturbances and pollution to the surrounding.	Regular monitoring and supervision are being conducted throughout the construction phase to minimize disturbances and prevent pollution to the surrounding environment.
22.	"Consent to Establish" shall be obtained from Odisha State Pollution Control Board before start of any construction work at the site.	We have obtained 'Consent to Establish' from Odisha State Pollution Control Board vide. Letter no. 17242, dtd. 31/10/2015.

B. OPETATION PHASE		
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
1.	No ground water shall be used during the operation phase. If ground water will be used during operation phase, they shall obtain permission from the water resources department.	Water requirement for the residential complex is being met from our Tata Steel Plant for which we have agreement with Jaraka Irrigation Department, Dept. of water resource, Govt. of Odisha and water allocation letter granted by dept. of water resource, Govt. of Odisha vide water resource department's letter No 5550 dtd 26.02.2024.

	B. OPETATION PHASE	
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
2.	The proponent has to install STP of 730 KLD capacity. Treated effluent from STP shall be recycled / reused to the maximum extent possible after adequate treatment. Treatment of 100% grey water by decentralized treatment should be done. Discharged of unused treated effluent shall conform to the norms and standards of State Pollution Control Board. Necessary Measures should be taken to mitigate the odour problem of STP.	The condition has been fulfilled, as detailed below: A 1000 KLD STP has been installed and is fully operational within the project premises, surpassing the stipulated capacity of 730 KLD. Treated water from the STP is being efficiently reused for Plantation, Toilet flushing and Horticulture activities. Currently, approximately 17000 KL/Month of wastewater is being generated from the premises. This wastewater is effectively treated by the operational STP to ensure compliance with the norms and standards set by the State Pollution Control Board.
3.	The Proponent shall provide a polishing pond inside the residential complex to store and reuse the treated wastewater from STP. From the Polishing Pond, the treated wastewater shall be diverted for industrial use for their own steel plant. In no case there should be any discharge of treated effluent to outside of the project premises.	Treated wastewater from STP used in plantation, toilet flushing and horticulture activities.
4.	The proponent shall take steps for protection of Ganda Nallah. There shall not be any Discharge from the residential Complex to Ganda Nallah.	There is no discharge from the residential complex to Ganda Nallah. Treated wastewater from the STP is used for plantation, toilet flushing, and horticultural activities.
5.	The STP Sludge should not be dried nor incinerated within the Project site and should be dispose of as per the norms of SPCB, Odisha.	The sludge generated from the STP is utilized as manure in the green belt development area and gardens within the premises.
6.	The STP must treat all kind of pollutions present in it and its capacity should take into account the entire load of sewage generated by the inhabitants.	The STP is capable of treating all types of pollutants present in its inlet, and its capacity has been designed to handle

B. OPETATION PHASE		
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
		the entire load of sewage generated from the residential complex.
7.	The project proponent will ensure that under no circumstances, the environment is polluted due to non-functioning / under performance of sewage disposal system of the project.	Regular maintenance is carried out by a dedicated team for the smooth operation of the sewage disposal system of the project.
8.	The solid waste generated should be properly collected and segregated. Wet garbage should be disposed off to be composted and dry / inert solid waste should be disposed through a certified agency for safe disposal. Necessary approval / permissions may be obtained from the concerned authorities. In no case it should be left in the premises untreated.	Solid waste generated within the premises is systematically collected and segregated into wet and dry waste categories. Wet garbage is converted into manure using Organic Waste Converters (OWCs). A total of three Organic Waste Converters is installed, each with an input capacity of 200 Kg/Day, ensuring efficient composting of wet waste.
9.	Diesel power generating sets proposed as source of back-up power for lifts elevators and common area illuminating during operation phase should be of enclose type and conform to Environment (Protection) rule 1986. The height of stack of DG sets should be equal to the height of needed for the combined capacity of all proposed DG sets put together and should be more than the highest building height. Low sulfur diesel should be used. The location of the DG set may be decided in consultation with Odisha State Pollution Control Board. Care may be taken to avoid disposal of smoke / pollutants from DG sets in the residential area. Low sulfur diesel oil (LDO OR HSD) is to be used in DG sets.	To meet the emergency power requirement, three (03) acoustically enclosed D.G sets of 125 KVA capacity each are installed on-site. Adequate stack height is provided as per norms, and low-sulfur diesel is being used.
10.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time, the noise levels measured at the boundary of the sites shall be restricted to permissible levels to comply with the prevent regulations.	Provisions have been taken to attenuate noise like: • Movement of construction vehicles are restricted to peak hours only.

B. OPETATION PHASE		
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
		• Use of construction machineries with lesser noise and vibrations. Regular monitoring of noise is being conducted during the daytime and nighttime. Noise Monitoring report is attached as ***Annexure-2.***
11.	Green belt & avenue plantation of tree over the site area (minimum 20%) shall be done using native tree species / shrubs improving greenery & keeping in view aesthetics considerations in the whole complex. Professional landscape architects should be engaged to design the green layout to provide for multi-tier plantation and green fencing all around, mitigation various environmental pollutants like dust, noise, emission etc. and pathway for joggers.	Green belt development has been initiated and being expedited to cover more than 20% of the total land area. To enhance the aesthetic beauty of township, development of landscapes inside township area is being implemented. Green belt details as on date is given in tabular form as ***Annexure-3***.
12.	Rainwater harvesting for roof runoff and surface runoff should be implemented as per submitted plan. Before recharging the runoff, pre-treatment must be done to remove suspended matter, oil, grease and other soluble components as per the norms. Rainwater recharge should be through specified recharge pits of required numbers. The surface runoff water should be stored suitably treated and reused for landscaping. The bore-well for rainwater recharging should be kept at least 5 meter above the highest ground water table. The technology may preferably be adopted from a registered commercial firm with performance guarantee.	Roof top runoff recharge structure has been made. A rainwater harvesting pond has also been made for collection of surface runoff water.
13.	Weep holes in the compound walls shall be provided to ensure natural drainage of excessive rain water in the project area during the monsoon period after the harvesting operations. Care must be taken so that there is no water logging in the territory and drainage is 100%.	Weep holes are provided in compound walls for natural drainage of excessive rainwater during monsoon. Proper drainage has been provided to prevent water logging.

	B. OPETATION PHASE	
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
14.	Traffic congestion near the entry and exit points from the road adjoining the proposed project site must be avoided. Traffic congestion shall be avoided inside the project site. The area ear-marked for parking shall not be used for any other purpose. Alternative entry and exit must be provided to handle excess traffic and emergency situations.	Separate entry and exit points to the township have been provided with a 7-meter-wide bituminous road to avoid traffic congestion. Sufficient parking space has been provided within the premises in the area earmarked for parking.
15.	A report on the energy conservation measures to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc. and submitted to the SEIAA, Odisha in three months' time before operation/habitation.	Report on the energy conservation measures has been submitted to the SEIAA, Odisha vide our Letter No. KPO/Env/C-08/ 67/ 2017 dtd. 15. 03. 2018. We have also obtained necessary permissions prior to operation/habitation as below: 1. CTO from Odisha State Pollution Control Board vide Consent No 4649 dtd 30/03/2024 valid till 31.03.2028. 2. Fire Safety Certificate from Directorate General Fire Services, Home guards and civil defence, Odisha on 31.01.19, 30.11.2019, 12.01.21, 18.08.2021, 22.04.2024 and 19.09.2024. 3. Occupancy certificate from Kalinganagar Development Authority on 14.03.2019, 29.02.2020, 26.04.2022, 11.07.2022 and 06.09.2024.
16.	The proponent shall be use at least 2-5% of non-conventional energy (solar energy) (i.e. % of total energy consumption).	Provisions for installation of Solar Panel on roof top have been made, especially for water heating and streetlights. Solar Panel having capacity 80 KWh has been installed at roof top UG tank for power supply.
17.	Provisions of solar hot water storage / supplies at the roof of top may be made as per statutory norms of CPCB/MoEF/SPCB, Odisha.	Provision has been made as per the statutory norms of CPCB, MoEF&CC, and OSPCB, Odisha. The installation and commissioning of solar water geysers (total capacity

B. OPETATION PHASE		
	SPECIAL CONDITIONS	**STATUS AS ON 31.03.2026**
		29,500 L) in the buildings have been completed.
18.	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TLFs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination, use of solar panels be adopted to the maximum extent possible, especially for street lights.	CFLs and TFLs are used for lighting the areas outside the building. The used CFLs and TFLs will be handed over to authorized vendors for proper disposal. Solar panels have been installed on the rooftop of the building for water heating.
19.	The building blocks should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has been constructed according to the approved drawing from the KNDA to allow the movement of fresh air and the passage of natural light, air, and ventilation between them.
20.	The funds earmarked for the environment protection measures shall be judiciously utilized. Under no circumstances this fund shall be diverted for other purposes like annual allocation and maintenance / monitoring etc. and expenditure for this fund should be reported to the SEIAA, Odisha on regular basis.	The funds earmarked for the environment protection measures has not been diverted for any other purposes and is judiciously utilized. Till Mar'26 Rs.375.00 lakhs have been utilized for environmental protection measures.

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Six Monthly Compliance Status of Environmental Clearance for proposed Expansion with Modification of

'Residential Township Project' with increase in total Built-Up Area from 1,47,380 Sqmt.to 2,37,691.70 Sqmt. located in Kalinga Nagar Industrial Complex at Village-Khurunti & Gadapur, Tahasil-Sukinda, District - Jajpur

(Oct'25 to Mar'26)

	1. Specific Conditions	Status as on 31.03.2026
	i) The Proponent shall obtain permission/NOC from Executive Engg. (PHD) and / or from the appropriate authority for disposal of excess STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be. ii) Zero discharge to be attempted, in case of any additional treated water generated to be used for industrial application to attain zero discharge. iii) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed. iv) The proponent shall obtain permission from concerned Fire Safety Authority. v) Trees located within the project area shall be transplanted to alongside the boundary green development area. vi) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report. vii) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report. viii) The PP will not commence construction unless the drain lay out is finalized and permission given for the same by the authority to discharge excess treated water & storm water. ix) Before starting the construction project physical properties as well as engineering properties of the soil along with its bearing	i) Existing STP discharge is used for flushing and green belt development. During monsoon when horticulture demand reduces, treated water is utilized in low end industrial uses. ii) Noted for adherence. iii) Noted for adherence. iv) Fire Safety Certificate obtained for all completed structures and Fire recommendation obtained for expansion phase. v) Noted for adherence. vi) Pollution Control Measures and safeguards are being followed as detailed in the approved Environment Management Plan (EMP) for the project vii) Treated water is wholly used in flushing, horticulture, ground washings, dust suppression etc. During periods of reduced horticultural demand, particularly in the monsoon season, surplus treated water is effectively repurposed for various low-end applications viii) Noted for adherence. All storm water runoff is managed through an approved layout to prevent environmental impact. ix) Comprehensive soil testing, encompassing physical properties, engineering properties, and bearing capacity, was meticulously completed for the expansion phase prior to the commencement of construction. x) Noted for adherence. xi) Noted for adherence.

1. Specific Conditions		Status as on 31.03.2026
	capacity should be undertaken and the report should be submitted. x) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC. xi) The PP shall comply all the observations of RO, Bhubaneswar within a period of six months.	

1. Statutory Compliance		
	EC Conditions	**Status as on 31.03.2026**
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Approval of the building plan from Kalinganagar Development Authority is *under process*. All preparatory work aligns with preliminary permissions. Final construction will proceed upon receipt of full KDA approval, strictly adhering to all local building byelaws.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Structural safety vetting has been obtained for expansion phase from IIT Guwahati.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable. The project does not involve the diversion of forest land for non-forest purposes, therefore forest clearance under the Forest (Conservation) Act, 1980, is not required.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable. The project area does not fall within any wildlife protected areas or require clearance from the National Board of Wildlife.
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of	Consent to Establish (CTE)/ Environment Safeguard for the expansion was successfully granted by the Odisha State Pollution Control Board (OSPCB) on October 28, 2025,

1. Statutory Compliance		
	EC Conditions	**Status as on 31.03.2026**
	Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	vide Consent No. 19300/IND-II-CTE-7541.
1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	NoC for 1100 KLD water supply to the housing colony has been granted by IDCO, vide letter no: IDCO/WS&EC-Divn-II/D1848/01/2024-25/1429 dated July 25, 2025.
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Power supply for the proposed township expansion has been secured from TPNODL, Odisha, with confirmation via letter no: JRED/1096 dated July 18, 2025.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	The project does not involve activities requiring clearances from the Chief Controller of Explosives, Fire Department (beyond standard building approvals), or Civil Aviation Department.
1.9	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	All provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and Plastics Waste Management Rules, 2016, are being strictly adhered to. Implemented robust waste management strategies, including efforts to maximize solid waste repurposing and responsible handling of e-waste and plastics.
1.10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Noted for adherence

2. Air Quality Monitoring and Preservation		
	EC Conditions	**Status as on 31.03.2026**
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for	Noted for Adherence.

2. Air Quality Monitoring and Preservation		
	EC Conditions	**Status as on 31.03.2026**
	projects requiring Environmental Clearance shall be complied with.	
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Noted for Adherence.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Continuous Ambient Air Quality Monitoring System (CAAQMS) has been installed at the Residential Complex to monitor ambient air quality (including PM10 and PM2.5) in both upwind and downwind directions throughout the construction period, ensuring continuous assessment of air quality impacts.
2.4	Diesel power generating sets proposed as source of backup power 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 of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	These measures are noted for immediate and continuous adherence throughout the project cycle.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	These outlined measures will be diligently followed, and their adherence is noted to ensure minimal environmental impact and full regulatory compliance.
2.6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Adherence to proper material covering practices is noted to ensure environmental protection.

2. Air Quality Monitoring and Preservation		
	EC Conditions	**Status as on 31.03.2026**
2.7	Wet jet shall be provided for grinding and stone cutting.	Wet jet systems will be provided for all grinding and stone cutting operations.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Water sprinkling will be regularly conducted on all unpaved surfaces and loose soil to effectively suppress dust.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	All construction and demolition debris will be stored exclusively on-site and managed strictly as per the Construction and Demolition Waste Management Rules 2016.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Diesel generator sets utilized during construction will be low sulphur diesel type and will strictly conform to all prescribed air and noise emission standards under the Environment (Protection) Act.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms. The SPCB, Odisha shall ensure the compliance of the condition by PP before issue of CTO.	Adherence is noted for proactive implementation and regulatory alignment.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted for Adherence

3. Water Quality Monitoring And Preservation		
	EC Conditions	**Status as on 31.03.2026**
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams,	Noted for Adherence

3. Water Quality Monitoring And Preservation		
	EC Conditions	**Status as on 31.03.2026**
	bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Building designs will integrate with the natural topography, ensuring minimal cutting and filling activities during construction.
3.3	Total freshwater use shall not exceed the proposed requirement as provided in the project details.	Total freshwater usage will be rigorously monitored and managed to ensure it does not exceed the proposed requirement outlined in the project details.
3.4	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Freshwater usage, water recycling, and rainwater harvesting quantities will be meticulously measured, recorded, and monitored to maintain the projected water balance, with records regularly submitted to the Regional Office, MoEF&CC, in six-monthly monitoring reports.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Noted for Adherence
3.6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	All building designs will ensure at least 20% pervious open space, as per local bye-laws, utilizing grass pavers, suitable paver blocks, and landscape elements.
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing,	Dual pipe plumbing will be installed to provide fresh water for potable uses and recycled water for non-potable

3. Water Quality Monitoring And Preservation		
	EC Conditions	**Status as on 31.03.2026**
	thermal cooling, conditioning etc. shall be done.	applications such as flushing, irrigation, car washing, and thermal cooling.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Water-saving devices and fixtures, including low-flow flushing systems and tap aerators, will be incorporated into all building plans to ensure effective water conservation.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Dual plumbing systems will be implemented to ensure the separation of grey and black water. For single stack systems, separate recirculation lines will be installed to achieve effective dual plumbing for flushing.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction will be minimized through the use of pre-mixed concrete, curing agents, and implementation of other recognized best practices.
3.11	The local bye-law provisions on rainwater harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Noted for Adherence
3.12	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	A rainwater harvesting system has been developed over an area of approximately **10,500 m²**, incorporating adequate recharge and storage provisions. The system includes a **storage capacity of 46,000 m³**, designed to meet at least one day of total freshwater requirement and to facilitate reuse of harvested rainwater. Recharge structures have been planned in line with the prescribed norms (minimum one recharge bore per

3. Water Quality Monitoring And Preservation		
	EC Conditions	**Status as on 31.03.2026**
		5,000 m² of built-up area), wherever feasible. In areas where groundwater recharge is not practical, harvested rainwater is being collected and stored for reuse purposes. Furthermore, it is confirmed that **groundwater abstraction will not be undertaken without prior approval from the Competent Authority.**
3.13	All recharge should be limited to shallow aquifer.	All recharge activities will be strictly limited to shallow aquifer.
3.14	No ground water shall be used during construction phase of the project.	Groundwater will strictly not be utilized during the construction phase of the project.
3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	All groundwater dewatering activities will be properly managed, strictly adhering to CGWA approvals and guidelines. Formal approval from CGWA will be obtained prior to any groundwater abstraction or dewatering.
3.16	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Freshwater usage, water recycling, and rainwater harvesting quantities will be measured, recorded, and monitored to maintain the projected water balance. Records will be submitted to the Regional Office, MoEF&CC, with six-monthly monitoring reports.
3.17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed into municipal drain.	All sewage will undergo tertiary treatment in the STP. The treated effluent will be 100% recycled/reused for flushing, AC make-up, and gardening, ensuring no disposal into municipal drains.
3.18	No sewage or untreated effluent water would be discharged through storm water drains.	No sewage or untreated effluent water will be discharged into stormwater drains.
3.19	Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The	A 1000 KLD Sewage Treatment Plant (STP) with 100% treatment capacity is

3. Water Quality Monitoring And Preservation		
	EC Conditions	**Status as on 31.03.2026**
	installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	operational. All treated wastewater is reused on-site for landscape, flushing, and industrial applications, achieving zero external discharge.
3.20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Regular monthly monitoring of treated sewage water quality is conducted, ensuring all parameters are within specified norms.
3.21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Sludge from all onsite sewage treatment, including septic tanks, will be collected, conveyed, and disposed of strictly in accordance with the CPHEEO Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring And Prevention		
	EC Conditions	**Status as on 31.03.2026**
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	Noted for Adherence

4. Noise Monitoring And Prevention		
	EC Conditions	**Status as on 31.03.2026**
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noted for Adherence
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, and ear plugs for operating personnel will be implemented as noise impact mitigation measures from ground sources.

5. Energy Conservation Measures		
	EC Conditions	**Status as on 31.03.2026**
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Noted for Adherence
5.2	Outdoor and common area lighting shall be LED.	All outdoor and common area lighting will exclusively utilize LED.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Passive solar design principles, including optimal building orientation, landscaping, efficient building envelope, appropriate fenestration, increased daylighting, and thermal mass, will be fully incorporated into the design. All wall, window, and roof u-values will adhere to ECBC specifications.
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Energy conservation measures, specifically the installation of CFLs/ LEDs for all exterior lighting, are an integral part of the project design and will be installed and operational before

5. Energy Conservation Measures		
	EC Conditions	**Status as on 31.03.2026**
		project commissioning to ensure strict adherence.
5.5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	Renewable energy sources, particularly solar power, will be installed to meet at least 1% of the project's total electricity demand load, or the higher requirement set by state/local building bye-laws. This commitment ensures alignment with our sustainability goals and relevant regulations.
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	These measures are noted for adherence and will be fully implemented.

6. Waste Management		
	EC Conditions	**Status as on 31.03.2026**
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	The required certificate from the competent authority regarding the adequacy of municipal solid waste handling capacities for the project's MSW generation will be obtained prior to significant waste generation or as stipulated by regulations.
6.2	Disposal of muck during construction phase shall 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 approved sites with the approval of competent authority.	Noted for Adherence

6. Waste Management		
	EC Conditions	**Status as on 31.03.2026**
6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Separate wet and dry bins will be provided in each unit and at ground level to facilitate waste segregation, ensuring solid waste is divided into wet garbage and inert materials. This will be followed and is noted for adherence.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	This will be followed and is noted for adherence.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	All non-biodegradable waste will be handed over to authorized recyclers, with whom a written tie-up will be maintained. This measure will be followed and is noted for adherence.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Any hazardous waste generated during the construction phase will be disposed of strictly as per applicable rules and norms, with all necessary approvals from the State Pollution Control Board. This will be followed and is noted for adherence.
6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Noted for Adherence and will be incorporated in the expansion phase building designs.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Fly ash will be used as building material in construction, adhering to the provisions of the Fly Ash Notification.

6. Waste Management		
	EC Conditions	**Status as on 31.03.2026**
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	All wastes from construction and demolition activities will be managed in strict conformance with the Construction and Demolition Waste Management Rules, 2016. This will be followed and is noted for adherence.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Used CFLs and TFLs will be properly collected and disposed of/sent for recycling as per prevailing regulatory guidelines and rules to prevent mercury contamination. This will be followed and is noted for adherence.

7. Green Cover		
	EC Conditions	**Status as on 31.03.2026**
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Noted for Adherence
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Noted for Adherence
7.3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development	Noted for Adherence

7. Green Cover		
	EC Conditions	**Status as on 31.03.2026**
	shall be provided as per the details provided in the project document.	
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Topsoil will be stripped to a depth of 20 cm from designated construction areas, stockpiled appropriately, and reapplied during the plantation of proposed vegetation on site. This will be followed and is noted for adherence.
7.5	The PP shall plant "Ek Ped Maa Ke Naam" and the plantation shall be carried out in the earmarked greenbelt area(as proposed) as a part of tree plantation campaign and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).	*'Ek Ped Maa Ke Naam'* plantation will be carried out in the earmarked greenbelt area, and details will be uploaded to the MeriLiFE Portal (https://merilife.nic.in). This will be followed and is noted for adherence.

8. Transport		
	EC Conditions	**Status as on 31.03.2026**
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	Noted for Adherence

8. Transport		
	EC Conditions	**Status as on 31.03.2026**
8.2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	This will be followed and is noted for adherence.
9.1	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	This will be followed and is noted for adherence.

10. Human Health Issues		
	EC Conditions	**Status as on 31.03.2026**
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	All workers at the construction site involved in loading, unloading, carriage of construction material and debris, or working in areas with dust pollution, will be provided with dust masks. This will be followed and is noted for adherence.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.	Ventilation provisions for indoor air quality will be implemented as per the National Building Code of India.

10. Human Health Issues		
	EC Conditions	**Status as on 31.03.2026**
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan, based on Hazard Identification and Risk Assessment (HIRA) and the Disaster Management Plan, will be fully implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	This will be followed and is noted for adherence.
10.5	Occupational health surveillance of the workers shall be done on a regular basis.	Noted for Adherence
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.	Noted for Adherence

11. Miscellaneous		
	EC Conditions	**Status as on 31.03.2026**
11.1	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Parivesh portal of MoEF & CC, GoI (www.parivesh.nic.in). The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of MoEF&CC, Bhubaneswar & SEIAA, Odisha for compliance.	Information regarding the grant of Environmental Clearance was disseminated to the public via newspaper advertisements within seven days of receiving the clearance letter, as detailed below: • Odia, Newspaper: The Sambad, Page No.: 05, Date: 29/04/2025 • English, Newspaper: New Indian Express, Page No.: 03, Date: 29/04/2025 Copies of these advertisements have been forwarded to the Regional Office of MoEF&CC, Bhubaneswar, and SEIAA, Odisha, as required.
11.2	Environmental clearance shall be submitted by the project proponents to the Heads of	Environmental clearance has been submitted to the Heads of local bodies,

11. Miscellaneous		
	EC Conditions	**Status as on 31.03.2026**
	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.	Panchayats, and Municipal Bodies, as well as to relevant Government offices, for display for 30 days from the date of receipt
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	The status of compliance with stipulated environmental clearance conditions, including monitored data results, is being uploaded to our website and updated on a half-yearly basis. This is being followed and is noted for adherence
11.4	It shall be mandatory for the project management to submit six (06) monthly compliance reports on post environmental monitoring in respect of the stipulated terms and conditions in this Environmental Clearance to the State Environment Impact Assessment Authority (SEIAA),Odisha, SPCB & Regional Office of the Ministry of Environment & Forest, Odisha, the respective Zonal Office of CPCB and the SPCB in soft copies on 1st June and 1st December of each calendar year. The proponent shall also upload the six-monthly compliance report including results of monitored data, as applicable in the parivesh portal of Ministry for monitoring of EC Conditions, failing which EC is liable to be revoked. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral 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.	Six-monthly compliance reports on post-environmental monitoring, including results of monitored data, are being submitted in soft copies to SEIAA, Odisha, SPCB, Regional Office of MoEF&CC, Bhubaneswar, and the respective Zonal Office of CPCB by June 1st and December 1st of each calendar year. These reports are also uploaded to the Parivesh portal. Criteria pollutant levels (SPM, RSPM, SO2, NOx) are monitored and displayed in the public domain near the main gate. This is being followed and is noted for adherence.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/	This is being followed. Environmental policy, duly approved by the Board of Directors, is in place.

11. Miscellaneous		
	EC Conditions	**Status as on 31.03.2026**
	conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the Regional Office of MoEF&CC as a part of six-monthly report.	
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	A separate Environmental Cell exists with qualified personnel and operating under the control of a senior Executive who directly reports to the head of the organization. This is being followed and is noted for adherence
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Regional Office of Ministry, OSPCB, and SEIAA along with the Six-Monthly Compliance Report	This will be followed and is noted for adherence.
11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	The environmental statement for each financial year in Form-V is submitted to the concerned State Pollution Control Board and is also published on the company's website. This is being followed and is noted for adherence.
11.9	The project proponent shall inform the Regional Office of the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted or Adherence

11. Miscellaneous		
	EC Conditions	**Status as on 31.03.2026**
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted or Adherence
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the State Expert Appraisal Committee.	Noted or Adherence to the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the State Expert Appraisal Committee.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.	Strict adherence to this condition will be ensured, and no plant expansion or modifications will commence without obtaining prior approval from the SEIAA, Odisha.
11.13	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.	All data submitted will be factual and truthful, with strict adherence to the provisions of the Environment (Protection) Act, 1986.
11.14	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	All stipulated EC conditions will be implemented satisfactorily to ensure continuous compliance.
11.15	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and acknowledged. Any additional conditions stipulated by SEIAA will be implemented in a time-bound manner as required.
11.16	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.	Noted or Adherence
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and	Compliance with all EC conditions will be ensured under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules,

11. Miscellaneous		
	EC Conditions	**Status as on 31.03.2026**
	any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	2016, the Public Liability Insurance Act, 1991, and all relevant amendments, rules, and court orders.
11.18	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.	Noted and acknowledged.

Annexure-1

TATA

TATA STEEL

Tata Steel Limited

ENVIRONMENTAL CLEARANCE

The State Environment Impact Assessment Authority (SEIAA), Odisha has accorded Environmental Clearance to Residential Complex of Tata Steel Limited for Tata Steel Plant located at Kalinganagar Industrial Complex at Village Khurunti & Gadapur, in the district of Jajpur, Odisha.

The copies of Environmental Clearance, SEIAA/4669 dated 17.08.2015 are available for reference with SEIAA, Odisha and Odisha State Pollution Control Board (OSPCB) and may also be seen at website of the Board.

The State Environment Impact Assessment Authority (SEIAA) has accorded the environmental clearance for the said project under the provisions of EIA Notification, 2006.

Project Manager, Residential Complex, Tata Steel

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TATA STEEL

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ପରିବେଶ ମଞ୍ଜୁରୀ

ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ଆକଳନ ପ୍ରାଧିକରଣ (ଏସ୍‌ଇଆଇଏଏ) ଓଡ଼ିଶାର ଯାଜପୁର ଜିଲ୍ଲାର ଖୁରୁଣ୍ଟି ଓ ଗାଡ଼ପୁର ଗ୍ରାମରେ କଳିଙ୍ଗନଗର ଶିଳ୍ପାଞ୍ଚଳରେ ଅବସ୍ଥିତ ଟାଟା ଷ୍ଟିଲ ଲିମିଟେଡ୍‌ର ଷ୍ଟିଲ ପ୍ଲାଣ୍ଟ ପାଇଁ ଆବାସିକ ପରିସର ନିର୍ମାଣ କରିବା ନିମନ୍ତେ ପରିବେଶ ମଞ୍ଜୁରୀ ପ୍ରଦାନ କରିଛନ୍ତି ।

ପରିବେଶ ମଞ୍ଜୁରୀର ନଂ SEIAA/4669 ତା୧୭.୦୮.୨୦୧୫ରିଖ ଏସ୍‌ଇଆଇଏଏ, ଓଡ଼ିଶା ଏବଂ ଓଡ଼ିଶା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼ ନିକଟରେ ଉପଲବ୍ଧ ଏବଂ ବୋର୍ଡ଼ର ୱେବ୍‌ସାଇଟ୍‌ରେ ମଧ୍ୟ ଦେଖାଯାଇପାରିବ ।

ପରିବେଶ ପ୍ରଭାବ ଆକଳନ ବିଜ୍ଞପ୍ତି, ୨୦୦୬ ଆଧାରରେ ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ଆକଳନ ପ୍ରାଧିକରଣ (ଏସ୍‌ଇଆଇଏଏ) ଏହି ପ୍ରକଳ୍ପ ନିମନ୍ତେ ପରିବେଶ ମଞ୍ଜୁରୀ ପ୍ରଦାନ କରିଛନ୍ତି ।

ପ୍ରକଳ୍ପ ପ୍ରବନ୍ଧକ, ଆବାସିକ ପରିସର, ଟାଟା ଷ୍ଟିଲ

TATA STEEL

TATA

PUBLIC NOTIFICATION

Tata Steel Limited

ENVIRONMENTAL CLEARANCE

The State Environment Impact Assessment Authority (SEIAA), Odisha has accorded Environmental Clearance for Expansion with Modification of Residential Township Project of Tata Steel Limited located at Kalinganagar Industrial Complex at Village Khurunti & Gadapur, in the district of Jajpur, Odisha.

The copies of Environmental Clearance, 503896/61-INFRA2/11-2024 dated 27.03.2025 are available for reference with SEIAA, Odisha and Odisha State Pollution Control Board (OSPCB) and may also be seen at website of the Board.

The State Environment Impact Assessment Authority (SEIAA) has accorded the environmental clearance for the said project under the provisions of Environmental Impact Assessment (EIA) Notification, 2006.

Project Manager, Residential Complex, Tata Steel

Registered Office: Bombay House, 24, Homi Mody Street, Fort, Mumbai 400 001, India
Tel.: 022 66658282 Fax: 022 66657724
(CIN) –L27100MH1907PLC000260 Website: www.tatasteel.com

TATA STEEL

TATA

ସାର୍ବଜନୀନ ବିଜ୍ଞପ୍ତି

ଟାଟା ଷ୍ଟିଲ୍ ଲିମିଟେଡ୍

ପରିବେଶଗତ ମଞ୍ଜୁରୀ

ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ ପ୍ରାଧିକରଣ (SEIAA), ଓଡିଶା, ଯାଜପୁର ଜିଲ୍ଲାର ଖୁରୁଣ୍ଟି ଏବଂ ଗଡାପୁର ଗ୍ରାମସ୍ଥିତ କଳିଙ୍ଗନଗର ଶିଳ୍ପ ଏଲାକାରେ ଅବସ୍ଥିତ ଟାଟା ଷ୍ଟିଲ ଲିମିଟେଡର ଆବାସିକ ଟାଉନସିପ୍ ପ୍ରକଳ୍ପର ସମ୍ପ୍ରସାରଣ ସହିତ ପରିବର୍ତ୍ତନ ପାଇଁ ପରିବେଶଗତ ମଞ୍ଜୁରୀ ପ୍ରଦାନ କରିଛି ।

୨୭.୦୩.୨୦୨୫ ତାରିଖର ପରିବେଶଗତ ମଞ୍ଜୁରୀ, 503896/61-INFRA2/11-2024 ର କପି SEIAA, ଓଡ଼ିଶା ଏବଂ ଓଡ଼ିଶା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ (OSPCB) ସହିତ ରେଫରେନ୍ସ ପାଇଁ ଉପଲବ୍ଧ ଏବଂ ବୋର୍ଡର ୱେବସାଇଟରେ ମଧ୍ୟ ଦେଖାଯାଇପାରିବ ।

ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ ପ୍ରାଧିକରଣ (SEIAA) ପରିବେଶ ପ୍ରଭାବ ମୂଲ୍ୟାଙ୍କନ (EIA) ବିଜ୍ଞପ୍ତି, ୨୦୦୬ ର ବ୍ୟବସ୍ଥା ଅନୁଯାୟୀ ଉକ୍ତ ପ୍ରକଳ୍ପ ପାଇଁ ପରିବେଶଗତ ମଞ୍ଜୁରୀ ପ୍ରଦାନ କରିଛି ।

ପ୍ରୋଜେକ୍ଟ ମ୍ୟାନେଜର, ରେସିଡେନ୍ସିଆଲ କମ୍ପ୍ଲେକ୍ସ, ଟାଟା ଷ୍ଟିଲ

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(CIN) –L27100MH1907PLC000260 Website: www.tatasteel.com

TATA

The Member Secretary,
State Environmental Impact Assessment Authority,
Qr. No.- 5RF-2/1, Unit-9
Bhubaneswar - 751012, Odisha.

KPO/Env/C08/ 61 /2015
18th Sept . 2015

Dear Sir,

Sub: Environmental Clearance for proposed construction of Residential Complex of Tata Steel Ltd located at KNIC at Khurunti & Gadapur, Dist - Jajpur with Total Built up Area of 147380 Sq. m

Kindly refer to the Environmental Clearance granted by SEIAA, vide letter no. SEIAA/4669 for the above referred project which was received by us on 10.09.2015.

We wish to submit that in compliance with the stipulated General Condition no. 9 of the above referred Environmental Clearance, information regarding grant of Environmental Clearance was given to public through newspaper advertisement as per the following details:

Language	News paper	Page No.	Date
Odia	The Samay	03	15/09/2015
English	New Indian Express	09	15/09/2015

Copies of above advertisements are enclosed for your kind information.

We trust the information furnished is in compliance with the condition.

Thanking You,

Yours faithfully
For **Tata Steel Limited**

Rajiv Kumar

Rajiv Kumar
Vice President, Operations, KPO

VP (Operations-KPO)
TATA STEEL LIMITED

Encl: As above

GOVT. OF INDIA
MoEF & CC, Eastern R.O.
Bhubaneswar-751023
Received
30 SEP 2015
RECEIVED

Copy: Addln. PCCF(C), MoEF Eastern Regional Office for kind information
Member Secretary, OSPCB for kind information

Annexure-2

AMBIENT AIR QUALITY (INSIDE PLANT) Period: Oct'25 to Mar'26														
Sl. No	**Sampling Stations**	**Month**	**PM10 µg/m3**	**PM 2.5 µg /m3**	**SO2 µg/ m3**	**NOX µg / m3**	**CO mg/m3**	**Ozone (O3) µg/m3**	**Lead (Pb) µg/m3**	**Ammonia (NH3) µg/m3**	**Benzene (C6H6)**	**Benzo (a) Pyrene ng /m3**	**Arsenic (As) ng /m3**	**Nickel (Ni) ng/m3**
1	Main Entrance	**Oct'25 to Mar'26**	53.2	29.2	11.1	12.4	0.57	22.7	0.02	20.3	< 4.2	<0.5	< 1.0	< 5.0
2	STP Area		81.0	42.9	8.1	32.7	0.68	19.9	0.02	20.9	< 4.2	<0.5	<1.0	< 5.0
3	Near E Building		82.3	43.6	8.2	38.6	0.69	21.8	<0.01	20.7	< 4.2	<0.5	<1.0	< 5.0
4	South Boundary		83.6	37.8	8.5	32.5	0.77	22.5	0.02	19.4	<4.2	<0.5	<1.0	<5.0
5	Near D Building		77.5	46.5	6.9	28.2	0.72	15.4	<0.01	19.6	<4.2	<0.5	<1.0	<5.0
NAAQ Standard			**100** (24 Hrs.)	**60** (24 Hrs.)	**80** (24 Hrs.)	**80** (24 Hrs.)	**2** (8 Hrs.)	**100** (8 Hrs.)	**1** (24 Hrs.)	**400** (24 Hrs.)	**05** (Annual)	**01** (Annual)	**06** (Annual)	**20** (Annual)

Noise Monitoring Report Period: Oct'25 to Mar'26																
Noise Monitoring Location	**Oct'25**		**Nov'25**		**Dec'25**		**Jan'26**		**Feb'26**		**Mar'26**		**Average**		**NOISE STANDARDS**	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day time	Night time	Day time	Night time
	(in dBA)															
Residential Complex for Tata Steel at KNIC	43.6	37.2	52.8	40.2	50.1	39.1	50.1	38.8	54.6	40.2	54.6	40.5	**51.0**	**38.4**	**55**	**45**
Near DG set	52.9	40.5	54.8	42.4	54.1	41.9	53.7	42.8	53.3	41.4	52.8	42.3	**53.6**	**42.2**	**55**	**45**
South Boundary	53.3	40.2	52.2	39.9	53.1	38.5	50.7	40.2	50.2	39.8	52.2	40.3	**51.9**	**39.8**	**55**	**45**
Near D Building	54.3	37.3	53.0	38.1	52.6	39.3	54.6	40.2	50.8	35.6	47.2	35.3	**52.1**	**37.6**	**55**	**45**

Day Time: 06.00 AM to 10.00PM

Night Time: 10.00PM to 06.00AM

GROUND WATER QUALITY REPORT									
Period: Oct'25 to Mar'26									
Sl. No.	**Parameter**	**Standard as per BIS: 10500**	**Oct'25**	**Nov'25**	**Dec'25**	**Jan'26**	**Feb'26**	**Mar'26**	**Average**
1	pH Value	6.5-8.5	7.21	7.25	7.17	7.06	7.12	7.07	7.14
2	Colour	5	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	CL
3	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5	Turbidity (NTU), max	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
6	Anionic Detergents, mg/l, max	0.2	ND	ND	ND	ND	ND	ND	ND
7	Aluminium as Al, mg/l, max	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8	Alkalinity, mg/l, max	200	146	128	122	114	120	112	123.7
9	Total Hardness (as $CaCO_3$), mg/l, max	300	172	152	149	132	136	134	145.8
10	Electrical Conductivity at 25^0C, µmho/cm	-	598.0	543.0	525.0	468.0	438	404	496
11	Calcium (as Ca), mg/l, max	75	33.5	34.2	33.8	32.9	33.7	32.8	33.5
12	Magnesium as Mg, mg/l, max	-	11.06	16.18	14.96	12.11	10.86	12.66	12.97
13	Sodium as Na, mg/l, max	-	7.6	7.2	7.0	7.6	7.9	7.2	7.4
14	Potassium as K, mg/l, max	-	3.5	3.8	3.5	2.4	2.8	2.5	3.1
15	Copper (as Cu), mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
16	Iron (as Fe), mg/l, max	0.3	0.38	0.35	0.38	0.34	0.35	0.31	0.35
17	Manganese (as Mn), mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
18	Chloride (as Cl), mg/l, max	250	29.5	26.5	25.2	26.8	25.3	24.2	26.2
19	Sulphate (as SO_4), mg/l, max	200	7.2	6.8	6.6	5.2	5.1	5.0	5.9
20	Nitrate (as NO_3), mg/l, max	45	3.0	3.2	3.0	2.6	2.8	2.4	2.8
21	Fluoride (as F), mg/l, max	1	0.26	0.24	0.23	0.25	0.23	0.21	0.23
22	Phenolic Compounds (as C_6H_5OH), mg/l, max	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

23	Mercury (as Hg), mg/l, max	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
24	Cadmium (as Cd), mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
25	Selenium (as Se), mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Arsenic (as As), mg/l, max	0.05	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
27	Cyanide (as CN), mg/l, max	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
28	Lead (as Pb), mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
29	Zinc (as Zn), mg/l, max	5	0.19	0.17	0.15	0.14	0.15	0.12	0.15
30	Nickel as Ni, mg/l, max	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
31	Total Chromium as Cr, mg/l, max	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
32	Chromium (as Cr+6), mg/l, max	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.08
33	Mineral Oil, mg/l, max	0.01	ND	ND	ND	ND	ND	ND	ND
34	Total Coliform, MPN/ 100 ml	-	<1.1	<1.1	<1.1	<1.1	Absent	Absent	<1.1
35	E-coli , MPN/ 100 ml	-	Absent	Absent	Absent	Absent	Absent	Absent	Absent
36	Total Dissolved Solids, mg/l, max	500	182.0	174.0	168.0	157.0	160	168	168.2
37	Residual, free Chlorine, mg/l, min	0.2	ND	ND	ND	ND	ND	ND	ND
38	Boron mg/l, max	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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Annexure-3

Green Belt Development Report

Year of Plantation	No. of Tree Plantation	No. of Shrubs Plantation	Total area covered (Sq.mt)	Tree Survival (%)
Till 2018	5000	-	20000	85%
2018-19	400	12000	7055	96%
2019-20	150	4000	2645	94%
2020-21	40	2000	640	100%
2021-22	4030	1616	10484	100%
2022-23	168	2350	3861	100%
2023-24	1015	3121	4372	100%
2024-25	2392	2000	9586	100%
2025-26	145	0	580	100%
Total	**13340**	**27087**	**59223**	**97%**

Species planted:

Spathodea campanulata, Cordia sebestena, Anthocephalus cadamba (Kadamba), Ficus benjamina, Bauhina purpurea (Kanchana), Acacia aurifuliformis (Acacia), Dalbergia sissoo (Sisu), Azadirachta indica (neem), Cassia tora L (Chakunda), Peltophorum pterocarpum (Yellow Gulmohar), Lagerstriemia indica (Sabani), Nerium olender (Kaniar)

Maintenance:

- Maintenance is done on regular basis by dedicated horticulture team.
- For watering tankers fitted with flexible pipe are used.
- There are also fixed pipelines provided for watering of plantation.
- Pesticides and fertilizers are used as per requirement.

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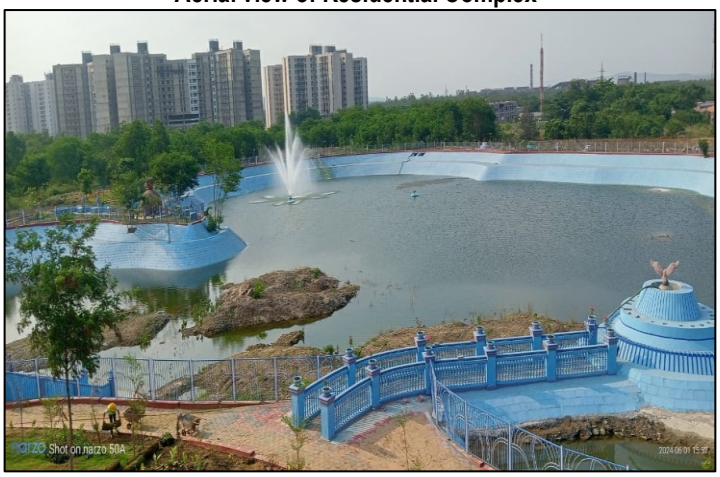
Some Photographs of Residential Complex

Aerial view of Residential Complex

Entrance of Residential Complex



Rainwater Harvesting Pond

CAAQMS is Operational at Residential Complex

Organic waste composting machines are in operation

1000 KLD Sewage Treatment Plant in operation

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