SUMADHURA

FOUNDATION OF HAPPINESS

Date: 26.06.2025

To,
The Additional Principal Chief Conservator of Forests(C)
Ministry of Environment and Forest and Climate Change
Government of India
Integrated Regional Office, Hyderabad
3rd Floor, Room No. 309, Aranya Bhawan, Opp. RBI,
Safiabad – 500004, Hyderabad, Telangana

Dear Sir,

Subject: Status of Compliance for June 2025, to conditions stipulated in the Environmental Clearance issued to our Residential Apartment Project "**Sumadhura Garden By The Brooks**" by Sy Nos 5, 5/A/1, 5/A/2,5/A/3,6,6/A/2,6/A/3 of Satamrai (V), Shamshabad (M),& Sy.No.288 of Gaganpahad (V) , Rajendranagar (M),Rangareddy District .

Reference: No . SEIAA SIA/TG/INFRA2/401677/2022 Dated On : 06.10.2022

With reference to above subject, we are herewith submitting the compliance report in respect of residential Project, for the period of Oct '24 to Mar '25.

Further, we would like to bring to your kind notice that the project is in construction stage. However, we would like to furnish the Point wise compliance stipulated in the Environmental Clearance issued by SEIAA, Government of Telangana, for your kind information (Enclosed as Annexure).

Trust the above information is in order.

Thanking You,

Yours faithfully,

For Sumadhura Infracon Pvt.Ltd

Mrs. Jeevana Kalakuntla
AVP- CSR & Sustainability

COMPLIANCE REPORT

For
Dec 2024
(Apr '24 to Sept '24)

In Respect of
Residential Apartments Project
" Sumadhura Garden By The Brooks"

At

Satamrai (V), Shamshabad (M),& Sy.No.288 of Gaganpahad (V) , Rajendranagar (M),Rangareddy District .

SUMADHURA

FOUNDATION OF HAPPINESS

M/s. SUMADHURA INFRACON PVT.LTD

COMPLIANCE TO STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORUTY, TELANGANA STATE

TERMS AND CONDITIONS:No. SEIAA SIA/TG/INFRA2/401677/2022 - Dated: 06.10.2022

Project Name:"Garden by the Brooks"- Residential Apartments by M/s. Sumadhura InfraconPrivate Limited, Sy Nos 5, 5/A/1, 5/A/2,5/A/3,6,6/A/2,6/A/3 of Satamrai (V), Shamshabad (M),& Sy.No.288 of Gaganpahad (V) , Rajendranagar (M),Ranga Reddy District,
Hyderabad, Telangana state

The compliance to the conditions imposed in the Environmental Clearance issued by SEIAA is given below :

PART 'A' - SPECIFIC CONDITIONS ;

CONSTRUCTION PHASE		
	Conditions Imposed	**Compliance Status**
	A.Specific Conditions:	
1	**(i)** The project proponent shall provide for adequate fire safety measures and equipment as per National Building Code/required by fire services Act of the state and instruction issued by the Local authority/directorate of fire, from time to time. Future, the project proponent shall take necessary permission/NOC regarding fire safety from competent Authority as required.	The adequate fire safety measures and equipment's has been provided and the required NoC /permission has been obtained .
2	(ii) The Project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of the work. All the construction shall be done in accordance with the local building bylaws.	The town planning clearance has been received and construction was done according with local buildings bylaws
3	**(iii)** The consent for operation (CFO)/occupancy certificate shall be issued only after getting necessary permission for required water supply from HMWSSB/concerned authority.	The CFE with Consent no: **130/TSPCB/CFE/RRD/RO-RR-I/HO/2021** dated on 09.02.2022.
4	**(iv)** The project proponents would devise a monitoring plan to the satisfaction of the state pollution control board so as to continuously monitor the treated waste being used for flushing in terms of fecal cruciform and other pathogenic bacteria.	A monitoring plan as per state pollution control board rules .
5	**(v)**The project proponents would commission a third party study on the implementation of conditions related to	The water from STP is collected ,monitored ,recycled and reused as per PCB norms

	quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing and quality of water being supplied through spray faucets attached to toilet seats.	
6	(vi) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per ministry of urban development model building bylaws, 2016. The number of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.	As per the CGWB rainwater has done .
7	(vii) Rain water harvesting for roof run-off shall be implemented. Before recharging pre-treatment must be done to remove suspended matter, oil and grease. A sump may also be constructed along with rain water harvesting pits to save water.	Rain water is treated and harvested
8	(viii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Sold waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in organic waste converter. Designated area shall be provided for solid waste management within the premises which will include area foe segregation, composing. The inter waste from project will be sent to dumping site.	Integrated waste management plan will be implemented after project occupancy, separate bins shall be provided for dry wet and reject waste.
9	(ix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be filly internalized and no public space should be utilized.	Traffic congestion is avoided and parking is internalized .
10	(x) The company shall draw up and	CSR department has been established as

	implement corporate social responsibility plan as per the company's Act of 2013.	per the company's Act of 2013.
11	(xi) The proponent shall earmark funds under corporate environment responsibility (CER) for the activities such as water management, solar street lights, drinking water, health camps, rain water harvesting, Training & Education and Avenue plantation etc. The activities proposed under CER shall be treated as project and shall be monitored. The monitoring report, and to the district collector. It should be posted on the website of the project proponent.	We have allocated funds for CSR activity
	B.Standard Conditions:-	
1.	(i) 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 bylaws.	The town planning clearance has been received and construction was done according with local buildings bylaws.The Building permit order no: **G1/BP/TPS/570/2022**
2.	(ii) The proponent shall: not discharge any waste water outside the premises until their project's outlet is connected to public sewer line and till such time they will reuse 100% of treated waste water within the project premises; conform to the WALATA Act and the water consumption shall be as per permissions granted by the concerned authorities; conform to the provisions laid under the real estate (Regulation & Development) Act, 2016 issued by the ministry of law & justice, GoI& its subsequent amendments (if any); adopt green building concepts and use renewable energy by adopting energy conservation practices, Energy efficient practices & Energy audit practices, etc.,	The water used in the construction site is recycle and reused .Energy efficient practices & Energy audit practices will be implemented .
3.	(iii) The approval of the competent authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc. As per national building code including protection measures from lightening etc.	Efficient structural consultant shall be hired to ensure structural safety.
4.	(iv) The project proponent shall obtain forest	Not applicable

	clearance under the provisions of forest (Conservation) Act, 1980, in case of the diversion of forest land for no-forest purpose involved in the project.	
5.	(v) The project proposed shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.	The permission for drawl of ground water / surface water is obtained from HMWSSB-(GMCE)/M(E)/ORR Circle/Feasibility/2021-22/311
6.	(vi) A certificate of adequacy of available power from the agency supplying power to the project along with the local allowed for the project should be obtained.	The power is obtained from local bodies with certificate for the same
7.	(vii) All other statutory clearances such as the approvals for storages 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 Statutory clearance for Storage of diesel is received .
8.	(viii) The provisions of the solid waste management rules, 2016, e-waste (management) rules, 2016 and the plastics waste management rules, 2016, shall be followed.	The solid waste management rules, 2016, e-waste (management) rules, 2016 and the plastics waste management rules, 2016 is followed .
9.	(ix) The project proponent shall follow the ECBC/ECBC-R prescribed by bureau of energy efficiency, minister of power strictly.	Noted and will be followed.
	II. Air quality monitoring and preservation:	
1.	(i). Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding mandatory implementation of dust mitigation measures for construction and demolition activities for projects requiring environmental clearance shall be complied with.	Dust mitigation measures such as sprinkling water in construction site etc are done
2.	(ii) A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Air quality monitoring is implemented and done .

3.	(iii) The project proponent shall install system to carryout ambient air quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$) coveringupwind and downwind directions during the construction period	Air quality monitoring is implemented and done **Ambient Air quality Report attached** **Report No:** : 0225-51-048 (Jan 2025)
4.	(iv) 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 sculpture diesel. The location of the DG sets may be decided within consultation with state pollution control board and exhaust pipe height shall be as per the provisions of the central pollution control board (CPCB) Norms.	DG set is setup as per EPA and CPCB norms **DG Stack monitoring reports are attached below** **Report No** 0225-51-050 (125 KVA) **Report No** 0225-51-049 (125 KVA)
5.	v. Construction site shall be adequately barricaded before the construction beginning. Dust, smoke & other air pollution measures shall include screens for the building under construction, continuous dust/ind breaking walls all around the site (atleast3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in said, cement,murram and other construction materials prone to causing duet pollution at the site as well as talking out debris from the site.	Construction site barricaded
6.	vi. Sand, murram, loose soil cement, stored on site shall be covered adequately so as to prevent dust pollution.	All materials used in site is covered and stored .
7.	vii.Wet jet shall be provided for grinding and stone cutting.	Wet jet is provided for grinding and stone cutting.
8.	viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Unpaved surfaces and loose soil is adequately sprinkled with water to suppress dust.It is a mitigation measure to control dust emission

9.	ix. 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 demolitions and construction waste shall be managed as per the provisions of the construction and demolitions waste management rules 2016.	All construction and demolition debris is reused or disposed as per the construction and demolitions waste management rules 2016.
10.	x. For indoor air quality the ventilation provisions as per national building code of India.	The indoor air quality and ventilation provision is made .
	III. water quality monitoring and preservation:	
1.	i. 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, bio-swales, landscape, and other sustainable urban drainage system (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Rain water is harvested and natural drain system is properly maintained .
2.	ii.Building shall be designed to follow the natural topography as must as possible. Minimum cutting and filling should be done.	Will be followed
3.	iii.The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent.	Will be followed after occupancy
4.	iv. A certificates shall be obtained from local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quanitity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on the other users.	Water balance sheet will be done and same will be certified by local body supplying water .

5.	v. Installation of dual pipe pluming for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual plumbing line is be provided
6.	vi. Use of water saving devices/fixture (viz. low flushing systems; use of low flow system tap aerators etc for water conservation shall be incorporated in the building plan.	Water saving devices was used .
7.	viii. Separation of grey and black water	Dual plumbing line is be provided
	should be done by the use of dual plumbing system. In case of single stack system separate r e c i r c u l a t i o n lines for flushing by giving dual plumbing system be done	
8.	viii. Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	Best practice to reduce water usage was planned and followed
9.	ix. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the competent authority.	Rain water was harvested and reused .
10.	x. All recharge should be limited to shallow aquifer.	All recharge is limited to shallow aquifer.
11.	xi. 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.	Being followed as per CGWA norms
12.	xii. No sewage or control and its re-use shall be as per CGWB and BIS standards for various applications.	sewage and recycled water is as per CGWB and BIS standards .
13.	xiii. Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.	Storm water is as per sewage or control and its re-use shall be as per CGWB and BIS standards for various applications.

14.	xiv. 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 SEIAA before the project is commissioned for operation. Discharge of treated waste water shall conform to the standards stipulated under schedule-6 of environment (protection) Act, 1986 and its amendments thereof . Sewage treatment plant should be monitored on a regular basis. No waste water shall be discharged outside the premises. The excess treated waste water, if any, is to be reused	STP is implemented and is certified by an independent expert .
	within the premises ie., discharged into an artistically pond within the premises and can be intilized for recreational purpose. The proponent shall adopt dual plumbing system for reuse of treated waste water and also take necessary water conservation measures in the project.	
15.	xv. periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from solid waste processing plant & STP.	Periodical monitoring of water quality of treated sewage is done
	IV. Noise monitoring and prevention:	
1.	i.Ambient noise levels shall conform to residential area/industrial area/silence zone both during day and night as per noise pollution (control and regulation) rules, 2000. Increment pollution loads on the ambient air and noise measures shall be periodically monitored during construction phase. Adequate measure shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	Ambient noise levels is monitored and the same is maintained as per CPCB norms **Noise level monitoring Report attached** **Report No:** : : 0225-51-051 (Jan 2025)
2.	ii. 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.	**Noise level monitoring Report attached** **Report No:** : : 0225-51-051 (Jan 2025)
3.	iii. 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, ear plugs for operating personnel has been implemented and the same is followed
	v. Energy Conservation measure:	

1.	i. Compliance with the energy conservation building code (ECBC) of bureau of energy efficiency shall be ensured. Building in the which have notified their own ECBC, shall comply with in state ECBC.	Compliance with the energy conservation building code is done
2.	ii. Outdoor and common area lighting shall be LED. Proposed energy saving measures would save about 15% of power.	LED is used in outdoor and common area
3.	iii. Application of solar energy should be	Solar energy for electricity purpose is set
	incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid systems or fully solar system for a portion of the apartments should be provided.	up .
4.	iv. Opaque wall should meet prescriptive requirement as per energy conservation building code which is proposed to be mandatory for all air-conditioned spaces while it is inspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Noted
5.	v. Use of glass may be reduced by up to 40% to reduce the electricity consumption and local on air-conditioning. If necessary, high quality double glass with special reflective coating in window is to be used.	The usage of glass has been reduced as all construction are as per Energy Conservation Building Code .
6.	Vi. 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. Shall be incorporated in the building design. Wall, window and roof u-values shall be as per energy conservation building code (ECBC) specifications.	Solar power has been installed to reduce the energy consumption from non renewable energy.
7.	vii.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.	Noted

8.	viii. 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 water heating shall be provided to meet at least 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-law's requirement, whichever is higher.	Solar power shall be provide as per bylaws

	VI. Waste Management:	
1.	i. A certificate from the competent authority who are handling municipal solid wastes, shall be obtained indicating existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.	Municipal Solid waste is disposed in a proper manner
2.	ii. Any hazardous waste including biomedical waste should be disposed of as per applicable rules & norms with necessary approvals of the telangana state pollution control board.	hazardous waste including biomedical waste is disposed of as telangana state pollution control board norms .
3.	iii.Disposal of muck during construction phase shall not adverse effect on the neighboring 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.	Muck from construction phase is disposed off as per the norms
4.	iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid water shall be segregated into wet garbage and inert materials.	Solid waste is segregated in to wet, dry and reject in Sumadhura projects.
5.	v. Organic waste compost/Vermiculture pit/ Organic wast converter within the premises with a minimum capacity of 0.3kg/ person/day must be installed.	Required composting process is installed

6.	vi. All non-biodegradable waste shall be handed over to authorized recycler's for which a written tie up must be done with the authorized recyclers.	non-biodegradable is handed over to authorized recyclers and we have the tie up with the same .
7.	vii. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norm with necessary approvals of the state pollution control board.	All hazardous waste generated during construction phase is disposed as per the SPCB norms
8.	viii. Use of environment friendly materials in bricks and other construction materials shall be required for at least 20% such as fly ash bricks. Hollow bricks, AAC, fly ash lime gypsum blocks, compressed earth blocks and other environment friendly materials.	Environment friendly materials are used in construction
9.	ix. Fly ash material 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.	Fly ash material should be used .
10.	x. Any wastes from construction and demolition activates related shall be managed so as to strictly conform to the construction and demolition waste management rules, 2016	Wastes from construction and demolition activates is disposed as per wastes from construction and demolition activates
11.	xi. 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 is properly collected and disposed

	VII. Green Cover:	
1.	i. Topsoil should be stripped to a depth of 20 cm from the areas proposed food building, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Top soil shall be preserved
2.	ii. No trees cutting/transplantation has been proposed in the instant project. A minimum of 1 tree for every 80 sq.m of land should be planted and maintained . The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage,board leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Will be followed
3.	iii. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use by the MoEF&F, GOI/CPCB. The open space inside the plot should be suitably landscape and covered with vegetation if indigenous variety. Species of mosquito repellent & aromatic plants along with other plants shall also be included for development of greenbelt. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible leaves to comply with the prevalent regulations. The proponent shall develop and maintain greenbelt with tall growing trees instead of lawns, etc., to maximum extent. The proponent shall also geo tag all the saplings planted.	Green belt has been designed as per MoEF&F, GOI/CPCB.
4.	iv. Green area of at least 10% of the site area shall be developed and maintained.	10 % of area is developed and maintained as green area .
	VII. Transport	

1.	i.The road system can be designed with those these basic criteria. a. Hierarchy of road with proper segregation of vehicular and pedestrian traffic. b. Proper design of entry and exit points. c. Parking norms as per local regulation.	The roads are constructed as per the said criteria
2.	ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificated and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Vehicles hired for bringing construction material to the site are checked and documents are verified before entering into the site
3.	iii.Adequate number of parking spaces shall be provided for visitor vehicles. Rest room facilities should be provided for service population. The proponent shall provide public convenience facilities such as toilets, bathrooms, waiting rooms etc. for the derives, workers etc. so as to maintain cleanness/hygienic conditions in the surrounding of the project.	Basic needs for customers, workers ,drivers and visitors are provided .

IX. Human health issues:

Sl. No.	Conditions Imposed	Compliance Status
1.	i. All works working at the construction site and involved in loading unloading carriages of construction material and construction debris or working in any area with dust polluting shall be provided with dust mask.	Nose mask are provided for each and every worker .
2.	ii. For indoor air quality the ventilation provision as per national building code of india.	Indoor air quality is maintained as per standard .

3.	iii. Emergency preparedness plan based on the hazard identification and risk assessment (HIRA) and disaster management plan shall be implemented.	Implemented in EHS plan
4.	iv. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. the hosing many be in the form of temporary structures to be removed after the completion of the project.	Basic provision for labors are provided
5.	v. Occupational health surveillance of the workers shall be done during construction and operation of the project.	Health camps are conducted
6.	vi. A first aid room shall be provided in the project both during construction and operation of the project.	First aid room has been provided
	X. Corporate Environment Responsibility:	
1.	i. The project shall have a well laid down environmental policy. The environmental policy should prescribe for stranded operating procedures to have proper checks and balances and to bring into focus any infringements/deviation /violation of the environmental conditions	The IMS Policy has been prepared and approved by top management. It includes EHS aspects in accordance with the requirements of MoEF and ISO 45001.
2.	ii. A separate environmental cell to monitor the environmental conditions / norms with qualified personnel shall be set up.	Environmental cell is created
3.	iii. Action plan for implementing EMP and environmental conditions shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the ministry/ regional office along with with the Six monthly compliance report.	EMP action plan has been implemented .

4.	iv. The proponent shall strictly follow the OM No.22-65/217-IA.III,dt: 30.09.2020 and implement the commitments made by project proponent as a pet of CER contained in EIA/EMP report.	
5.	iv. The proponent shall not carry out any construction activity in the earmarked open area, green area & road of the project, as committed by the project proponent. Any deviation in the proposed earth marked area shall make EC invalid.	Construction activity is done within the earmarked open area.
	Part-B. General Conditions:	
1.	i. This order valid for period of 7 years from the date of issue of this order.	Noted
2.	ii."Consent for Establishment" (CFE) shall be obtained from telangana state pollution control board under air and water act before the state of any construction work at site under air (Prevention and control of pollution) Act, 1981 and the water (Prevention and control of pollution) Act, 1974.	All the necessary statutory approvals, as applicable, are obtained.
3.	This order supersedes the environment clearance issued earlier vide order dt 22.06.2021 for issuing new EC in place of old EC	
4.	iii.Consent for operation (CFO) of the project shall be obtained from the telangana state pollution control board as required under the air (prevention and control of pollution) Act, 1974, after obtaining CFE of the board, before occupancy.	Before occupancy CFO will be obtained

5.	iv.The proponent shall not carry out any construction activity in the earmarked open area, green area & road area of the project, as committed by the project proponent. Any deviation in the proposed earmarked areas shall make EC invalid.	Construction activity is done within the earmarked open area.
6.	v. The proponent shall: not discharge any water outside the premises until heir project's outlet is connected to publish sewer line and till such time they will reuse 100%of treated waste water within the project premises; conform to the WALTA act and the water consumption shall be as per permissions granted by the concerned authorities conform to the provision laid under the real estate (Regulation & Development) Act, 2016 issued by the ministry of law & justice, Gol& its subsequent amendments (if any); adopt green building concepts and use renewable energy by adopting Energy by adopting energy Conservation practices, energy efficient practices & energy audit practices, Develop green area with tall growing tree species. Include the species of mosquito repellent &aromatic plants along with other plants for development of greenbelt ets.	No waste water was let out from the construction site , most of the water is recycled and reused .
7.	vi. The Environment safeguards contained in the EMP report should be implemented in letter and dispirit. The responsibility of implementation of environmental safeguards rests fully with the proponent ie., **M/s Sumadhura Infracon Private Limited.**	We will abide by the rules and regulations.
8.	vii. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.	Noted

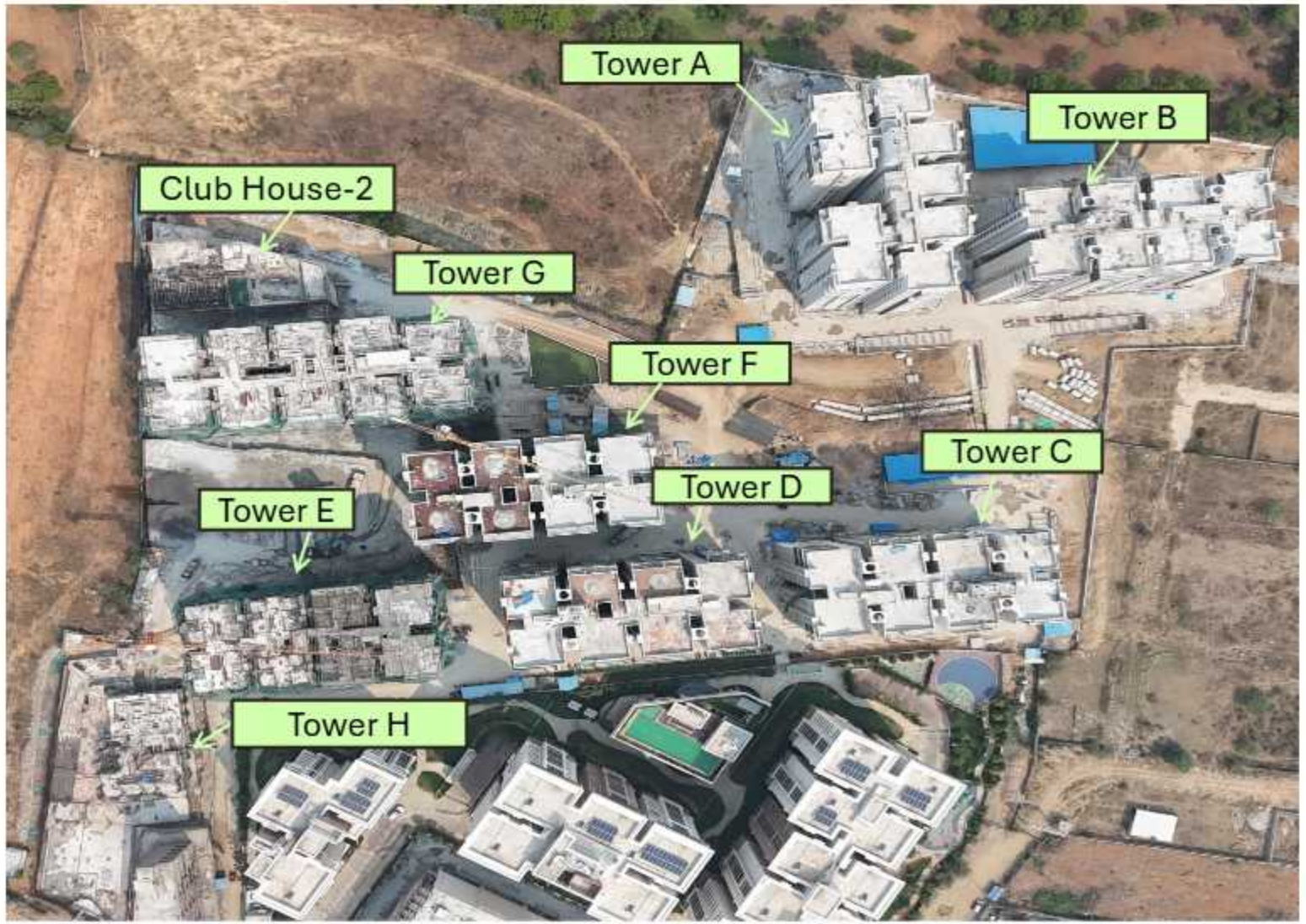
9.	The Proponent shall submit half-yearly compliance reports in respect of the teams and conditions stipulated in this order in hand and soft copies to the SEIAA; TAPCB and CCF, Integrated regional officer of MoEF&CC, GoI, Hyderabad on 1st June and 1st December of each calendar year.	The half yearly compliance report will be submitted and same will displayed in website also .
10.	The proponent shall submit the environmental statement for every financial year in form-V to the state PCB as prescribed under E(P) act, 1986, as amended subsequently and will be put on the website of the project	Environmental statement will be submitted annually
11.	Officials from the TSPCB and regional officer of MoEF&CC, GoI, Hyderabad who would be monitoring the implementation of environmental safeguards should be given full co-operation. Facilities and documents/data by the project proponents during their inspection, A complete set of all the documents shall be submitted to the TSPCB and CCF, regional office to MoEF&CC, GoI, Hyderabad.	Will be supported
12.	The proponent should implement the project as per the details mentioned in this order. In the case of any change (s) in the scope of the project would require a fresh appraisal by this SEIAA. No future expansion or modifications in the project shall be carried out without prior approval of the SEIAA, TS.	Noted
13.	The project proponent shall submit the copies of environmental clearance 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.	The copies of EC will be submitted to the heads of local bodies .
14.	The project proponent shall obtain all other statutory clearances, as applicable, from the competent authorities.	All necessary approvals taken from the competent authorities.

15.	xiv. The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language information that the project has been accorded environment clearance and copies of clearance letters are available with the telangana state pollution control board. The advertisement should be made within 7days from the day of issue of the clearance letter and a copy of the same should be forwarded to the integrated regional officer of this ministry at Hyderabad.	Advertisement given in local language and English newspaper
16.	xv. The funds earmarked for environmental protection measures (Capital cost: Rs. 3.7 Crores and recurring cost: Rs.95.0 lakhs/annum), should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA and ministry's Integrated regional office located at Hyderabad and TSPCB.	The funds earmarked for environmental protection measures has been allotted .
17.	xvi. Any appeal against this environmental clearance 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
18.	xvii. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any future condition in the interest of environment protection.	Noted
19.	Xviii. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of environment (Protection) Act, 1986 without any prior notice.	Noted

20.	These stipulations would be enforced among others under the provisions if water (prevention and control of pollution) Act, 1986 the public liability (Insurance) Act, 1991 and EIA notification, 2006 and its amendments thereof	Noted
21.	The proponent shall comply with Plastic Waste Management Rules 2016 & also comply with MoEF &CC Notification No:GSR.57 € dated:12.08.2021 which mandated banning of usage of identified Single Use Plastics items effect from 10.07.2022	We are following the same .
22.	Grant of EC is also subject to circulars issued under the EIA notification 2006, which are available on the MOFE website: www.parivesh.nic.in	Noted

Progress Photos

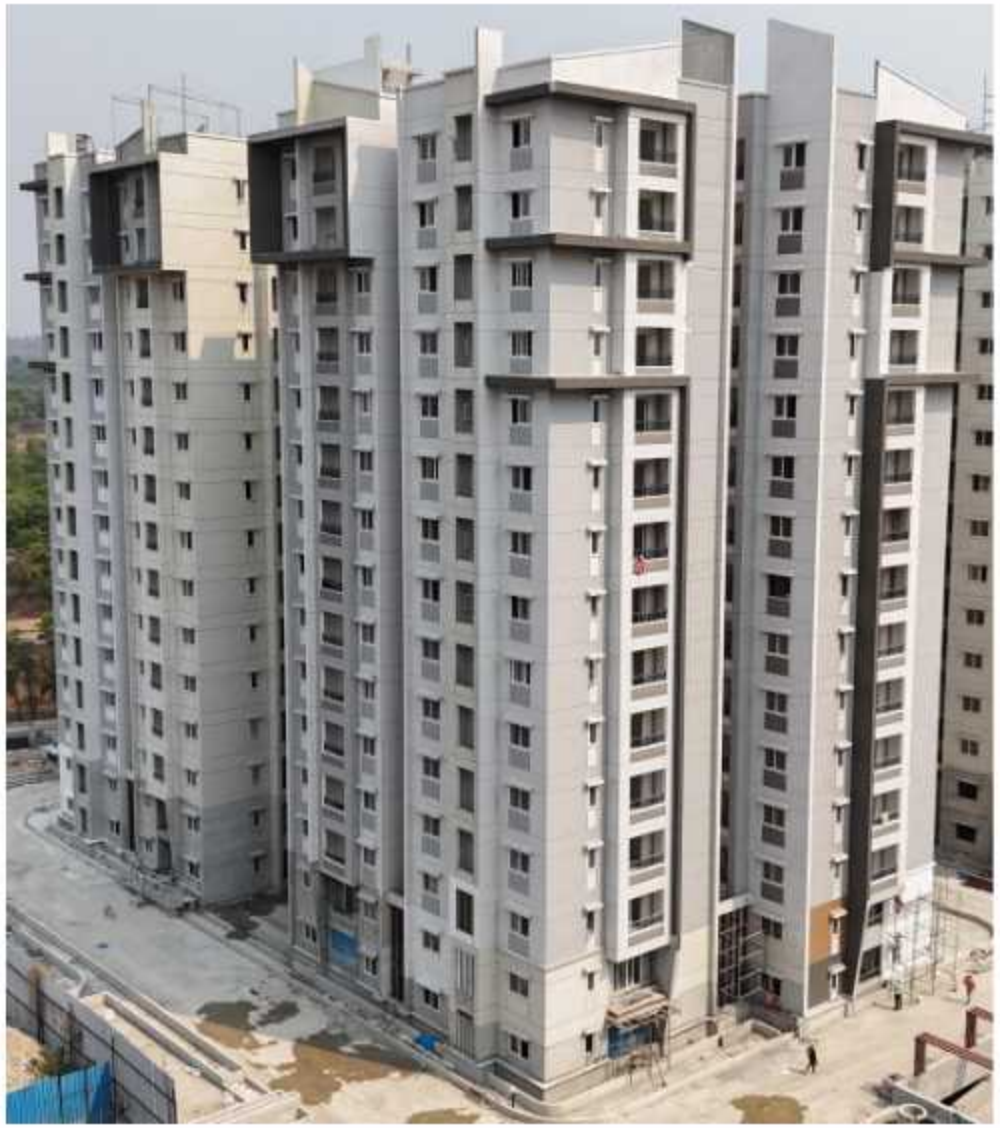
GBTB



SUMADHURA
FOUNDATION OF HAPPINESS

Progress Photos

GBTB



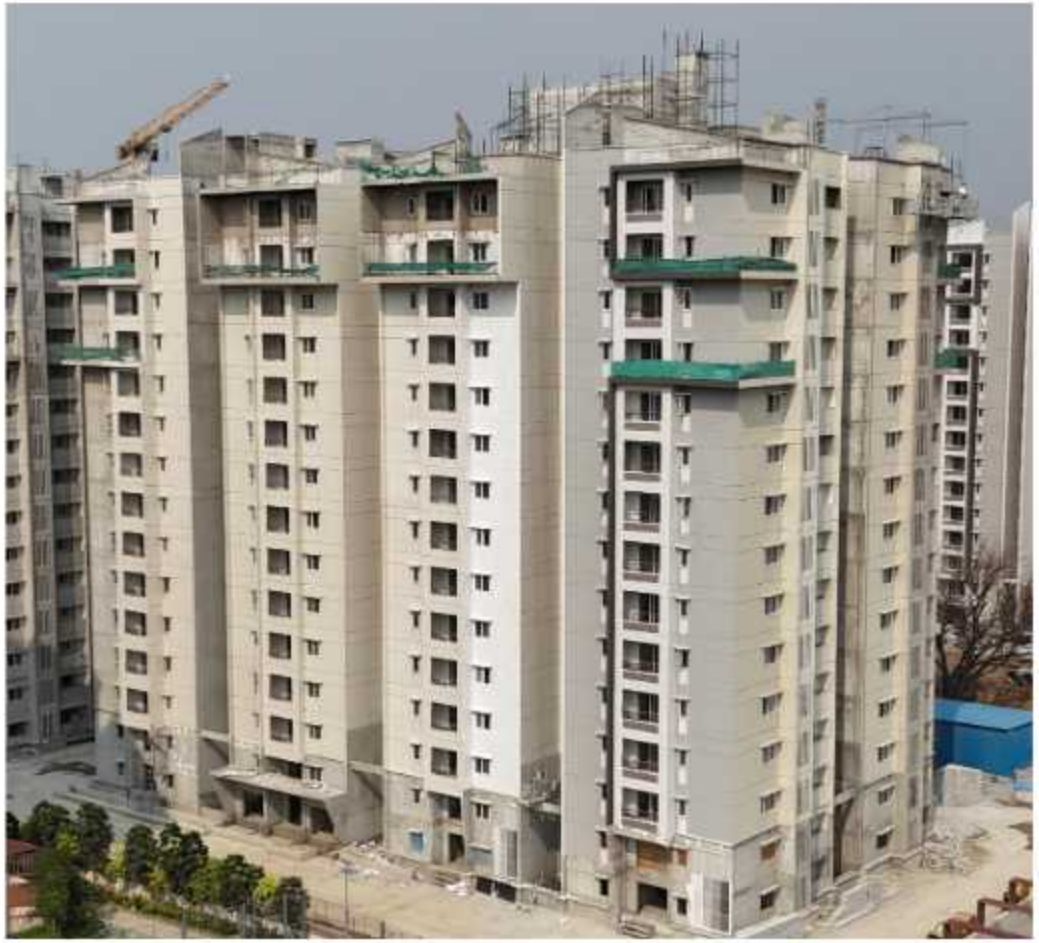
Tower A North-West View

Tower B West View

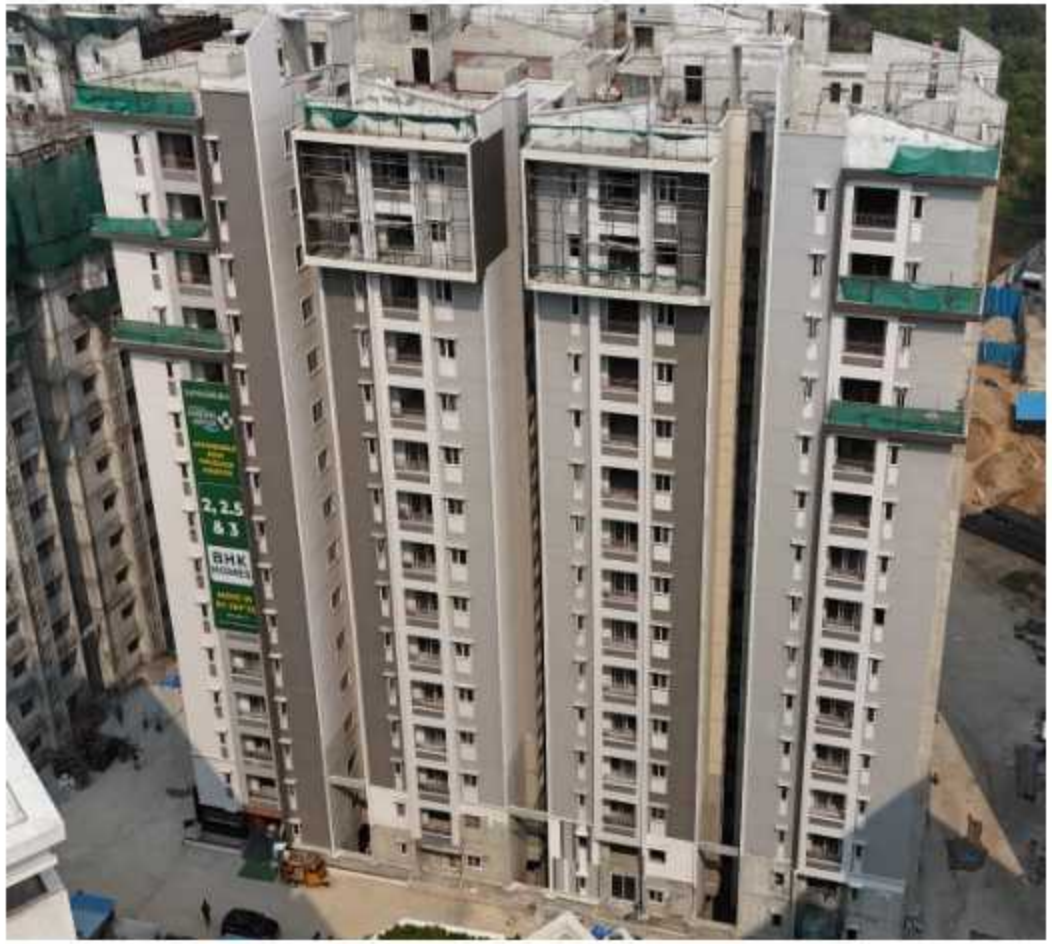
SUMADHURA
FOUNDATION OF HAPPINESS

Progress Photos

GBTB



Tower C

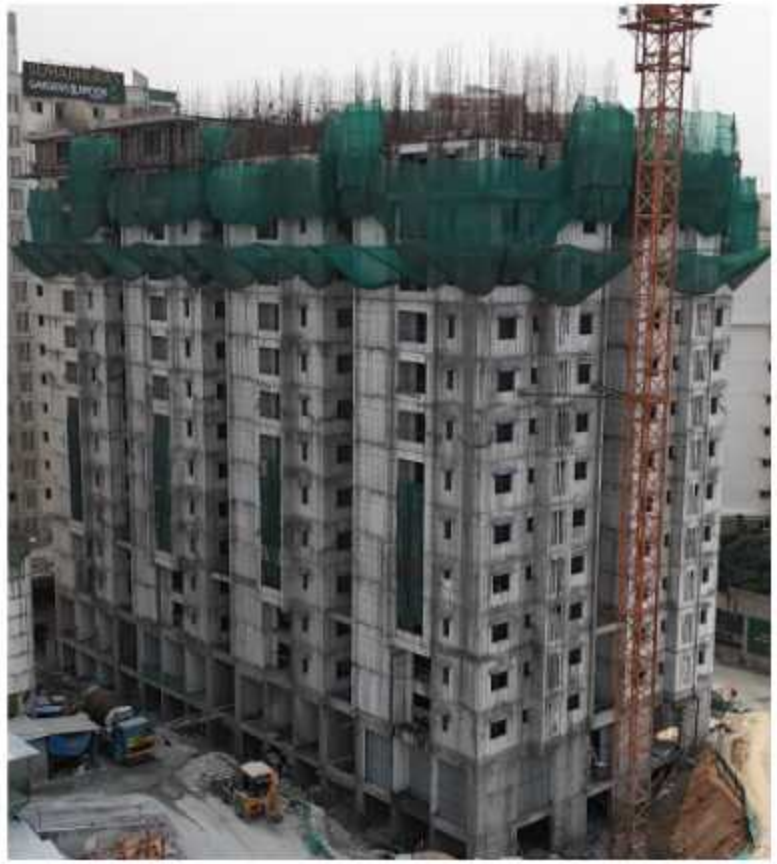


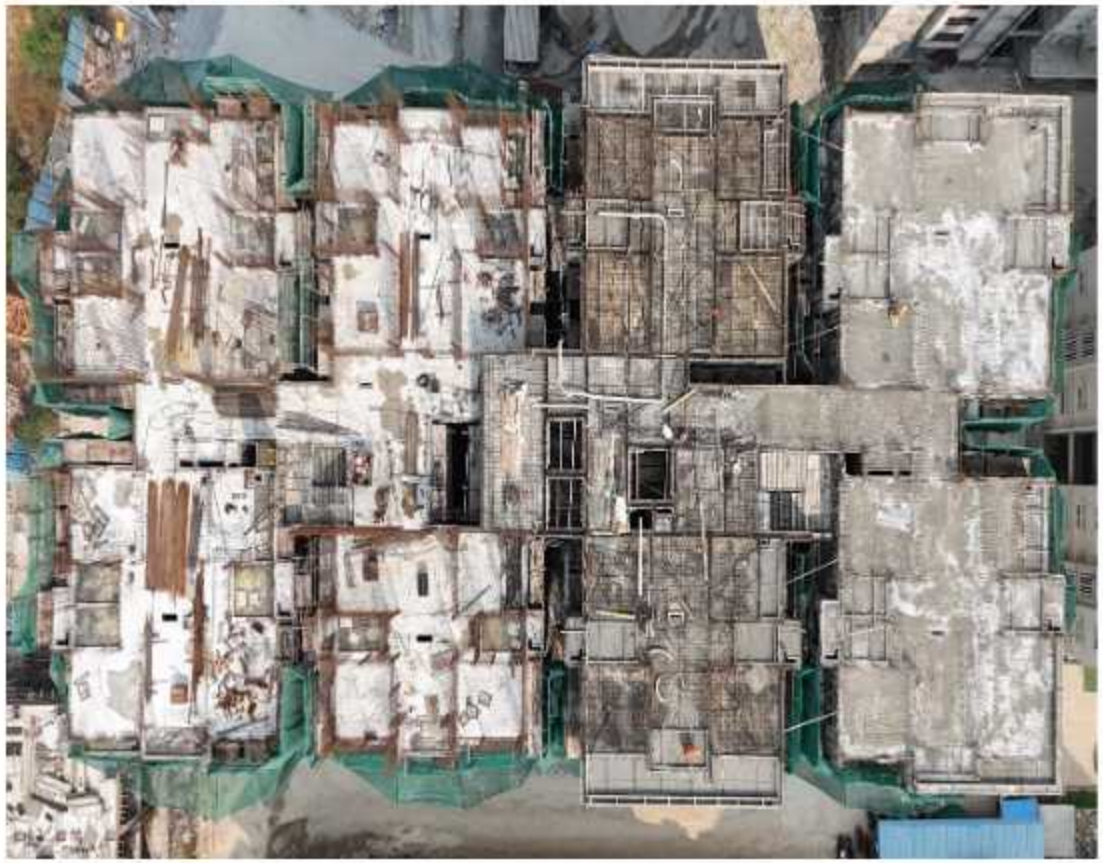
Tower D

SUMADHURA
FOUNDATION OF HAPPINESS

Progress Photos

GBTB





Tower E

Progress Photos

GBTB

Tower – F

Tower G

Progress Photos

GBTB

West View

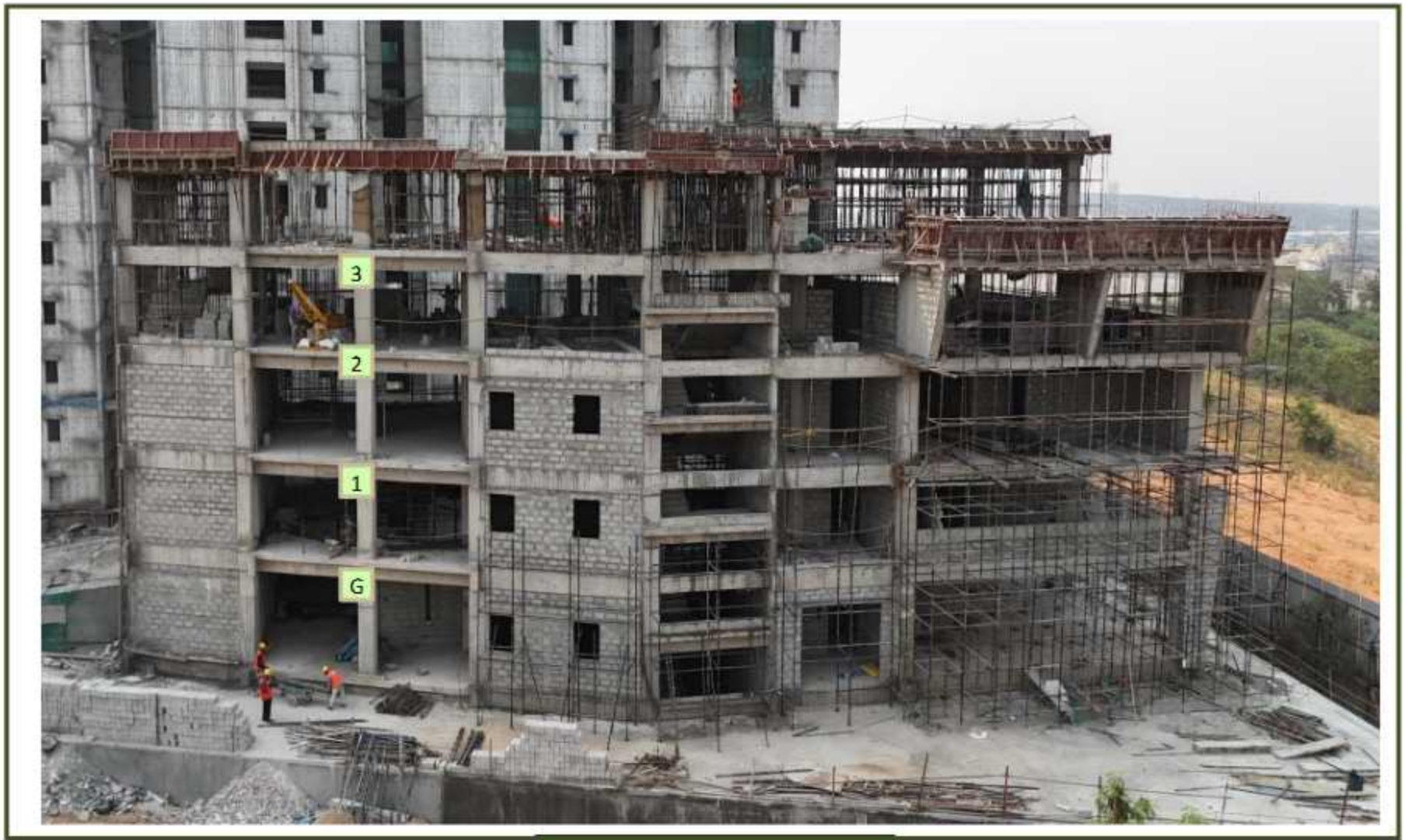
East View

Tower H

SUMADHURA
FOUNDATION OF HAPPINESS

Progress Photos

GBTB

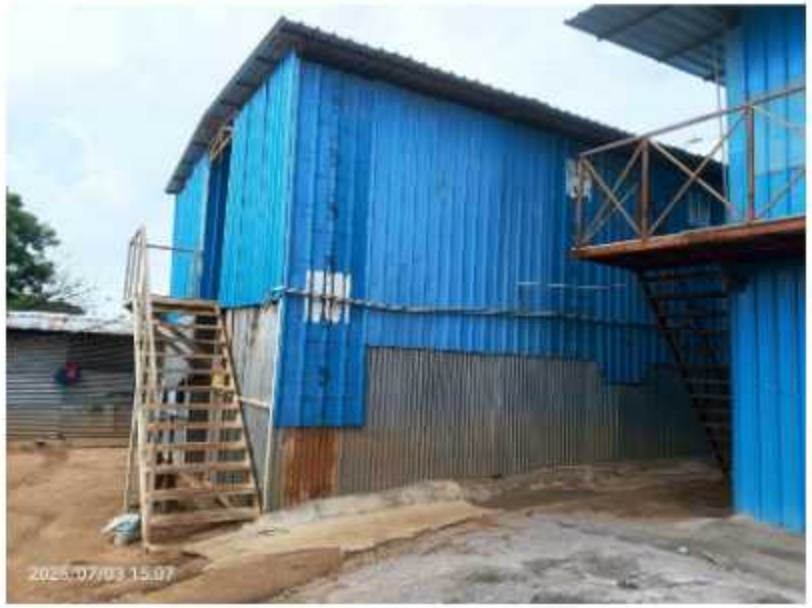


CH-02 East View

SUMADHURA
FOUNDATION OF HAPPINESS

Labour camp Photos

GBTB



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TEST REPORT
WATER ANALYSIS REPORT

Report format number: TLC/L/GF/RF-138

12084

Date of reporting: 07.02.2025	Report Number: 0225-51-045
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Sampling: 30.01.2025	Date of Sample Received: 30.01.2025
Date of Analysis Start: 31.01.2025	Date of analysis completion: 06.02.2025
Sample Registration Number: TLC/25/W-012	Sampling method: TLC/L/SOP/W-203

Sample particulars: Drinking water, Site Office

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
1	Colour	Hazen	1.0	IS:3025 part 04:2022	5	15
2	Turbidity	NTU	0.5	IS:3025 part 10:2023	1	5
3	pH @25°C	-	7.82	IS:3025 part 11:2021	6.5-8.5	NR
4	Total Dissolved Solids	mg/L	83	IS:3025 part 16:2023	500	2000
5	Total Hardness (as $CaCO_3$)	mg/L	60	IS:3025 part 21:2023	200	600
6	Calcium (as Ca)	mg/L	10	IS:3025 part 40:2024	75	200
7	Magnesium (as Mg)	mg/L	8.5	IS:3025 part 46:2023	30	100
8	Total Alkalinity (as $CaCO_3$)	mg/L	31	IS:3025 part 23:2023	200	600
9	Chloride (as Cl)	mg/L	25	IS:3025 part 32:1988 (RA:2019)	250	1000
10	Sulphate (as SO_4)	mg/L	3.4	IS 3025 (Part 24/Sec 1) : 2022	200	400
11	Nitrate Nitrogen (as NO_3)	mg/L	1.1	IS 3025 (Part 34/Sec 1) : 2023	45	NR
12	Fluoride (as F)	mg/L	0.1	IS:3025 part 60:2023	1.0	1.5
13	Residual, Free Chlorine	mg/L	<0.2	IS:3025 part 26:1986 (RA:2021)	0.20	1
14	Mineral Oil	mg/L	<0.5	IS:3025 part 39:2021	0.50	NR
15	Cyanide (as CN)	mg/L	<0.02	IS 3025 (Part 27/Sec 1) : 2021	0.05	NR
16	Aluminium (as Al)	mg/L	<0.2	APHA-3111D:2023	0.03	0.2
17	Arsenic (as As)	mg/L	<0.01	IS 3025 (Part 37) : 2022	0.01	NR
18	Boron (as B)	mg/L	<0.5	APHA-3111B: 2023	0.50	1.0
19	Cadmium (as Cd)	mg/L	<0.003	IS 3025 (part 41):2023	0.003	NR
20	Total Chromium (as Cr)	mg/L	<0.02	IS:3025 part 52:2023	0.05	NR
21	Copper (as Cu)	mg/L	<0.01	IS:3025 part 42:2024	0.05	1.5
22	Iron (as Fe)	mg/L	0.07	IS:3025 part 53:2024	1.0	NR
23	Lead (as Pb)	mg/L	<0.01	IS:3025 part 47:2024	0.01	NR
24	Manganese (as Mn)	mg/L	<0.01	APHA-3111B: 2023	0.10	0.3
25	Mercury (as Hg)	mg/L	<0.001	IS:3025 part 48:1994 (RA:2019)	0.001	NR
26	Nickel (as Ni)	mg/L	<0.02	IS:3025 part 54:2023	0.02	NR
27	Selenium (as Se)	mg/L	<0.01	IS:3025 part 56:2023	0.01	NR
28	Zinc (as Zn)	mg/L	0.12	IS:3025 part 49:2024	5.0	15
29	Phenolic Compounds (as C_6H_5OH)	mg/L	<0.001	IS 3025 (Part 43/Sec 1) : 2022	0.001	0.002
30	Polynuclear Aromatic Hydrocarbons	mg/L	ND	APHA-6440-3: 2023	0.0001	NR
31	Pesticides	mg/L	ND	APHA-6630-2: 2023	Absent	NR
32	Odour	-	Agreeable	IS 3025 (Part 5): 2022	Agreeable	Agreeable
33	Taste	-	Agreeable	IS 3025 (Part8): 2023	Agreeable	Agreeable

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
34	Ammonia (as NH3)	mg/L	<0.5	IS 3025 (Part 34/Sec 1) : 2023	0.5	NR
35	Anionic detergent	mg/L	<0.2	IS 3025 (Part 68): 2019	0.2	1
36	Barium (as Ba)	mg/L	<0.5	IS:15302:2003 (RA:2018)	0.7	NR
37	Chloramines	mg/L	<1.0	IS:3025 part 26:1986 (RA:2021)	4	NR
38	Silver (as Ag)	mg/L	<0.01	APHA-3111B: 2023	0.1	NR
39	Sulphide (asH2S)	mg/L	<0.05	IS:3025 part 29:1986 (RA:2019)	0.05	NR
40	Molybdenum (as Mo)	mg/L	<0.05	APHA-3111D: 2023	0.07	NR
41	Polychlorinated biphenyles	mg/L	ND	APHA-6630-2: 2023	0.0005	NR
42	Conductivity	µS/cm	131	APHA-2510-B: 2023	NS	NS
43	Total Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	SND	NR
44	Fecal Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	NS	NS
45	Bromoform	mg/L	<0.1	APHA-6232: 2023	0.1	NR
46	Dibromochloromethane	mg/L	<0.1	APHA-6232: 2023	0.1	NR
47	Bromodichloromethane	mg/L	<0.05	APHA-6232: 2023	0.06	NR
48	Chloroform	mg/L	<0.1	APHA-6232: 2023	0.2	NR

Note: 1. All standard values mentioned as per IS 10500:2012 Drinking water specifications,

Limit1: Acceptable limit and Limit2: Permissible Limit in the Absence of Alternate Source

2. NS-No Specification, NR-No Relaxation, SND-Shall not detectable in100ml and ND-Not Detectable.

* The results related only to the items tested and sampled.

*The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

End of the Report

Verified by
M. Lavanya
Environmental chemist

Authorized by
A. Ravi Pavan
Technical Manager

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TEST REPORT
WATER ANALYSIS REPORT

Report format number: TLC/L/GF/RF-138 **12085**

Date of reporting: 07.02.2025	Report Number: 0225-51-046
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Sampling: 30.01.2025	Date of Sample Received: 30.01.2025
Date of Analysis Start: 31.01.2025	Date of analysis completion: 06.02.2025
Sample Registration Number: TLC/25/W-013	Sampling method: TLC/L/SOP/W-203

Sample particulars: Labor Camp RO water

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
1	Colour	Hazen	1.0	IS:3025 part 04:2022	5	15
2	Turbidity	NTU	<0.05	IS:3025 part 10:2023	1	5
3	pH @25°C	-	7.67	IS:3025 part 11:2021	6.5-8.5	NR
4	Total Dissolved Solids	mg/L	70	IS:3025 part 16:2023	500	2000
5	Total Hardness (as $CaCO_3$)	mg/L	45	IS:3025 part 21:2023	200	600
6	Calcium (as Ca)	mg/L	12	IS:3025 part 40:2024	75	200
7	Magnesium (as Mg)	mg/L	3.6	IS:3025 part 46:2023	30	100
8	Total Alkalinity (as $CaCO_3$)	mg/L	35	IS:3025 part 23:2023	200	600
9	Chloride (as Cl)	mg/L	11	IS:3025 part 32:1988 (RA:2019)	250	1000
10	Sulphate (as SO_4)	mg/L	7.2	IS 3025 (Part 24/Sec 1) : 2022	200	400
11	Nitrate Nitrogen (as NO_3)	mg/L	2.8	IS 3025 (Part 34/Sec 1) : 2023	45	NR
12	Fluoride (as F)	mg/L	0.11	IS:3025 part 60:2023	1.0	1.5
13	Residual, Free Chlorine	mg/L	<0.2	IS:3025 part 26:1986 (RA:2021)	0.20	1
14	Mineral Oil	mg/L	<0.5	IS:3025 part 39:2021	0.50	NR
15	Cyanide (as CN)	mg/L	<0.02	IS 3025 (Part 27/Sec 1) : 2021	0.05	NR
16	Aluminium (as Al)	mg/L	<0.2	APHA-3111D:2023	0.03	0.2
17	Arsenic (as As)	mg/L	<0.01	IS 3025 (Part 37) : 2022	0.01	NR
18	Boron (as B)	mg/L	<0.5	APHA-3111B: 2023	0.50	1.0
19	Cadmium (as Cd)	mg/L	<0.003	IS 3025 (part 41):2023	0.003	NR
20	Total Chromium (as Cr)	mg/L	<0.02	IS:3025 part 52:2023	0.05	NR
21	Copper (as Cu)	mg/L	<0.01	IS:3025 part 42:2024	0.05	1.5
22	Iron (as Fe)	mg/L	0.05	IS:3025 part 53:2024	1.0	NR
23	Lead (as Pb)	mg/L	<0.01	IS:3025 part 47:2024	0.01	NR
24	Manganese (as Mn)	mg/L	<0.01	APHA-3111B: 2023	0.10	0.3
25	Mercury (as Hg)	mg/L	<0.001	IS:3025 part 48:1994 (RA:2019)	0.001	NR
26	Nickel (as Ni)	mg/L	<0.02	IS:3025 part 54:2023	0.02	NR
27	Selenium (as Se)	mg/L	<0.01	IS:3025 part 56:2023	0.01	NR
28	Zinc (as Zn)	mg/L	0.11	IS:3025 part 49:2024	5.0	15
29	Phenolic Compounds (as C_6H_5OH)	mg/L	<0.001	IS 3025 (Part 43/Sec 1) : 2022	0.001	0.002
30	Polynuclear Aromatic Hydrocarbons	mg/L	ND	APHA-6440-3: 2023	0.0001	NR
31	Pesticides	mg/L	ND	APHA-6630-2: 2023	Absent	NR
32	Odour	-	Agreeable	IS 3025 (Part 5): 2022	Agreeable	Agreeable
33	Taste	-	Agreeable	IS 3025 (Part8): 2023	Agreeable	Agreeable

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
34	Ammonia (as NH3)	mg/L	<0.5	IS 3025 (Part 34/Sec 1) : 2023	0.5	NR
35	Anionic detergent	mg/L	<0.2	IS 3025 (Part 68): 2019	0.2	1
36	Barium (as Ba)	mg/L	<0.5	IS:15302:2003 (RA:2018)	0.7	NR
37	Chloramines	mg/L	<1.0	IS:3025 part 26:1986 (RA:2021)	4	NR
38	Silver (as Ag)	mg/L	<0.01	APHA-3111B: 2023	0.1	NR
39	Sulphide (asH2S)	mg/L	<0.05	IS:3025 part 29:1986 (RA:2019)	0.05	NR
40	Molybdenum (as Mo)	mg/L	<0.05	APHA-3111D: 2023	0.07	NR
41	Polychlorinated biphenyles	mg/L	ND	APHA-6630-2: 2023	0.0005	NR
42	Conductivity	µS/cm	108	APHA-2510-B: 2023	NS	NS
43	Total Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	SND	NR
44	Fecal Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	NS	NS
45	Bromoform	mg/L	<0.1	APHA-6232: 2023	0.1	NR
46	Dibromochloromethane	mg/L	<0.1	APHA-6232: 2023	0.1	NR
47	Bromodichloromethane	mg/L	<0.05	APHA-6232: 2023	0.06	NR
48	Chloroform	mg/L	<0.1	APHA-6232: 2023	0.2	NR

Note: 1. All standard values mentioned as per IS 10500:2012 Drinking water specifications,
Limit1: Acceptable limit and Limit2: Permissible Limit in the Absence of Alternate Source
2. NS-No Specification, NR-No Relaxation, SND-Shall not detectable in100ml and ND-Not Detectable.
* The results related only to the items tested and sampled.
*The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

End of the Report

Verified by
M. Lavanya
Environmental chemist

Authorized by
A. Ravi Pavan
Technical Manager

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TEST REPORT
WATER ANALYSIS REPORT

Report format number: TLC/L/GF/RF-138

12086

Date of reporting: 07.02.2025	Report Number: 0225-51-047
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Sampling: 30.01.2025	Date of Sample Received: 30.01.2025
Date of Analysis Start: 31.01.2025	Date of analysis completion: 06.02.2025
Sample Registration Number: TLC/25/W-014	Sampling method: TLC/L/SOP/W-203

Sample particulars: Raw water, Labour Camp

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
1	Colour	Hazen	2.0	IS:3025 part 04:2022	5	15
2	Turbidity	NTU	0.9	IS:3025 part 10:2023	1	5
3	pH @25°C	-	7.40	IS:3025 part 11:2021	6.5-8.5	NR
4	Total Dissolved Solids	mg/L	1032	IS:3025 part 16:2023	500	2000
5	Total Hardness (as $CaCO_3$)	mg/L	400	IS:3025 part 21:2023	200	600
6	Calcium (as Ca)	mg/L	60	IS:3025 part 40:2024	75	200
7	Magnesium (as Mg)	mg/L	61	IS:3025 part 46:2023	30	100
8	Total Alkalinity (as $CaCO_3$)	mg/L	390	IS:3025 part 23:2023	200	600
9	Chloride (as Cl)	mg/L	216	IS:3025 part 32:1988 (RA:2019)	250	1000
10	Sulphate (as SO_4)	mg/L	77	IS 3025 (Part 24/Sec 1) : 2022	200	400
11	Nitrate Nitrogen (as NO_3)	mg/L	30	IS 3025 (Part 34/Sec 1) : 2023	45	NR
12	Fluoride (as F)	mg/L	0.29	IS:3025 part 60:2023	1.0	1.5
13	Residual, Free Chlorine	mg/L	<0.2	IS:3025 part 26:1986 (RA:2021)	0.20	1
14	Mineral Oil	mg/L	<0.5	IS:3025 part 39:2021	0.50	NR
15	Cyanide (as CN)	mg/L	<0.02	IS 3025 (Part 27/Sec 1) : 2021	0.05	NR
16	Aluminium (as Al)	mg/L	<0.2	APHA-3111D:2023	0.03	0.2
17	Arsenic (as As)	mg/L	<0.01	IS 3025 (Part 37) : 2022	0.01	NR
18	Boron (as B)	mg/L	<0.5	APHA-3111B: 2023	0.50	1.0
19	Cadmium (as Cd)	mg/L	<0.003	IS 3025 (part 41):2023	0.003	NR
20	Total Chromium (as Cr)	mg/L	<0.02	IS:3025 part 52:2023	0.05	NR
21	Copper (as Cu)	mg/L	<0.01	IS:3025 part 42:2024	0.05	1.5
22	Iron (as Fe)	mg/L	0.27	IS:3025 part 53:2024	1.0	NR
23	Lead (as Pb)	mg/L	<0.01	IS:3025 part 47:2024	0.01	NR
24	Manganese (as Mn)	mg/L	<0.01	APHA-3111B: 2023	0.10	0.3
25	Mercury (as Hg)	mg/L	<0.001	IS:3025 part 48:1994 (RA:2019)	0.001	NR
26	Nickel (as Ni)	mg/L	<0.02	IS:3025 part 54:2023	0.02	NR
27	Selenium (as Se)	mg/L	<0.01	IS:3025 part 56:2023	0.01	NR
28	Zinc (as Zn)	mg/L	0.51	IS:3025 part 49:2024	5.0	15
29	Phenolic Compounds (as C_6H_5OH)	mg/L	<0.001	IS 3025 (Part 43/Sec 1) : 2022	0.001	0.002
30	Polynuclear Aromatic Hydrocarbons	mg/L	ND	APHA-6440-3: 2023	0.0001	NR
31	Pesticides	mg/L	ND	APHA-6630-2: 2023	Absent	NR
32	Odour	-	Agreeable	IS 3025 (Part 5): 2022	Agreeable	Agreeable
33	Taste	-	Agreeable	IS 3025 (Part8): 2023	Agreeable	Agreeable

TEAM

S. No	Parameters	Units	Results	Method of Analysis	Limit1	Limit2
34	Ammonia (as NH3)	mg/L	<0.5	IS 3025 (Part 34/Sec 1) : 2023	0.5	NR
35	Anionic detergent	mg/L	<0.2	IS 3025 (Part 68): 2019	0.2	1
36	Barium (as Ba)	mg/L	<0.5	IS:15302:2003 (RA:2018)	0.7	NR
37	Chloramines	mg/L	<1.0	IS:3025 part 26:1986 (RA:2021)	4	NR
38	Silver (as Ag)	mg/L	<0.01	APHA-3111B: 2023	0.1	NR
39	Sulphide (asH2S)	mg/L	<0.05	IS:3025 part 29:1986 (RA:2019)	0.05	NR
40	Molybdenum (as Mo)	mg/L	<0.05	APHA-3111D: 2023	0.07	NR
41	Polychlorinated biphenyles	mg/L	ND	APHA-6630-2: 2023	0.0005	NR
42	Conductivity	µS/cm	1610	APHA-2510-B: 2023	NS	NS
43	Total Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	SND	NR
44	Fecal Coliform	MPN/100 ml	Absent	APHA-9221A& 9222B: 2023	NS	NS
45	Bromoform	mg/L	<0.1	APHA-6232: 2023	0.1	NR
46	Dibromochloromethane	mg/L	<0.1	APHA-6232: 2023	0.1	NR
47	Bromodichloromethane	mg/L	<0.05	APHA-6232: 2023	0.06	NR
48	Chloroform	mg/L	<0.1	APHA-6232: 2023	0.2	NR

Note: 1. All standard values mentioned as per IS 10500:2012 Drinking water specifications,
Limit1: Acceptable limit and Limit2: Permissible Limit in the Absence of Alternate Source
2. NS-No Specification, NR-No Relaxation, SND-Shall not detectable in100ml and ND-Not Detectable.
* The results related only to the items tested and sampled.
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End of the Report

Verified by
M. Lavanya
Environmental chemist

Authorized by
A. Ravi Pavan
Technical Manager

TEAM LABS & CONSULTANTS HYDERABAD

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TEST REPORT

Report Format Number: TLC/L/GF/RF -138 **12087**

AMBIENT AIR QUALITY DATA

Date of reporting: 07.02.2025	Report Number : 0225-51-048
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of monitoring: 29.01.2025	Date of sample received: 30.01.2025
Date of Analysis Start: 31.01.2025	Date of analysis completion: 31.01.2025
Time of monitoring in (Hrs.): 24	Average Flow rate (m^3/min) PM10: 1.25
Location Of The Sample: Near Batching Plant Area	Sampling method: TLC/L/SOP/A-201
Sample Registration Number: TLC/25/FA-017	

DATA OF ANALYSIS

	Parameter	Results	Unit	Test Method	Standards
1	PM10 (Particulate Matter <10µm)	53	µg/m^3	IS 5182 (Part 23):2022	100
2	PM2.5 (Particulate Matter < 2.5 µm)	27	µg/m^3	IS 5182 (Part 24):2019	60
3	Sulphur Dioxide (as SO_2)	19	µg/m^3	IS 5182 (Part 2):2022	80
4	Oxide of Nitrogen (as NO_x)	25	µg/m^3	IS 5182 (Part 6) :2022	80
5	Lead (as Pb)	BDL	µg/m^3	IS 5182 (Part 22):2004 (RA:2019)	1.0
6	Arsenic (as As)	BDL	ng/m^3	TLC/L/SOP/A-706	06
7	Nickel (as Ni)	BDL	ng/m^3	IS 5182 (Part 26):2020	20
8	Ozone (as O_3) for 8hr	30	µg/m^3	IS 5182 (Part 9):1974 (RA:2019)	100
9	Ammonia (as NH_3)	42	µg/m^3	IS 5182 (Part 25):2018	400
10	Benzene (C_6H_6)	BDL	µg/m^3	IS 5182:Part 11:2006 (RA:2022)	05
11	Benzo (a) pyrene (BaP)	BDL	ng/m^3	IS 5182:Part 12:2004 (RA:2019)	01
12	Carbon monoxide (as CO)for 8 hrs	0.27	mg/m^3	CO Analyzer Meter	02

Equipment Used: Enviro Instruments, RDS, Model: EI-142, calibration due date: 29.03.2025.

Note: 1. All standards given as per NAAQ Standards.
2. BDL=Below Detection Limit.

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*** End of the report***

Verified by
M. Lavanya
Environmental Chemist

Authorized by
A. Ravi Pavan
Technical Manager

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TEST REPORT

Report format number: TLC/L/GF/RF-138 **12089**

STACK MONITORING RESULT

Date of reporting: 07.02.2025	Report Number : 0225-51-050
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Monitoring: 29.01.2025	Time of Monitoring: 2.30 PM
Date of Sample Received: 29.01.2025	Date of Analysis Start: 30.01.2025
Date of Analysis Completion: 31.01.2025	Sampling Method: TLC/L/SOP/ST-202
Sample Registration Number: TLC/25/ST-013	

DETAILS OF STACK

1	Stack attached to	DG set 125 KVA (Near D Block)
2	Stack diameter (m)	0.08
3	Stack Cross Section Area (m^2)	0.00503
4	Flue gas temperature (°C)	143
5	Exit Velocity of Flue Gas (m/s)	29.17
6	Quantity of Flue gas (m^3/hr)	528.21
7	Emission rate (kg/hr)	0.019

EMISSION DATA

	Parameter	Result	Standards	Method of Analysis
8	Particulate matter (mg /N m^3)	49	75	IS:11255 part 1:1985 (RA 2019)
9	Sulphur dioxide (mg/Nm^3)	87	--	IS:11255 part 2:1985 (RA 2019)
10	NOx (as NO_2) (AT 15% O_2), dry basis, in ppmv	168	710	IS:11255 part 7:2022
11	CO (at 15% O2), mg/Nm^3	42	150	IS:13270: 1992 (RA 2019)

Equipment: Enviro instruments, EI-106, Calibration due date: 29.03.2025.

Note: All standards mentioned as per CPCB DG set standards.

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*** End of Report***

M. Lavanya

Verified by
M. Lavanya
Environmental Chemist

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A. Ravi Pavan
Technical Manager

EHS Dept.

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TEST REPORT

Report format number: TLC/L/GF/RF-138 **12088**

STACK MONITORING RESULT

Date of reporting: 07.02.2025	Report Number : 0225-51-049
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Monitoring: 29.01.2025	Time of Monitoring: 1.30 PM
Date of Sample Received: 29.01.2025	Date of Analysis Start: 30.01.2025
Date of Analysis Completion: 31.01.2025	Sampling Method: TLC/L/SOP/ST-202
Sample Registration Number: TLC/25/ST-012	

DETAILS OF STACK

1	Stack attached to	**DG set 125 KVA (Site Tower-A)**
2	Stack diameter (m)	**0.08**
3	Stack Cross Section Area (m^2)	**0.00503**
4	Flue gas temperature (^oC)	**145**
5	Exit Velocity of Flue Gas (m/s)	**27.29**
6	Quantity of Flue gas (m^3/hr)	**494.17**
7	Emission rate (kg/hr)	**0.017**

EMISSION DATA

	Parameter	Result	Standards	Method of Analysis
8	Particulate matter (mg /N m^3)	**48**	75	IS:11255 part 1:1985 (RA 2019)
9	Sulphur dioxide (mg/Nm^3)	**81**	--	IS:11255 part 2:1985 (RA 2019)
10	NOx (as NO_2) (AT 15% O_2), dry basis, in ppmv	**152**	710	IS:11255 part 7:2022
11	CO (at 15% O2), mg/Nm^3	**43**	150	IS:13270: 1992 (RA 2019)

Equipment: Enviro instruments, EI-106, Calibration due date: 29.03.2025.

Note: All standards mentioned as per CPCB DG set standards.

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*** End of Report***

Verified by
M. Lavanya
Environmental Chemist

Authorized by
A. Ravi Pavan
Technical Manager

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TEST REPORT

Report Format Number: TLC/L/GF/RF-138 **11714**

NOISE LEVEL MONITORING REPORT

Date of reporting: 07.02.2025	Report Number : 0225-51-051
Issued to: M/s. Sumadhura Infracon (P) Ltd. Project: Gardens by the Brook, Shatamrai Village, Nearby Aparna Altius, Shamsabad, TS-501218.	Issued by: A. Ravi Pavan Technical Manager
Date of Monitoring	29.01.2025
mple Registration Number	TLC/25/N-021

S. No	Location	Leq day	Leq Night
1	Site Tower-A	55	39

Standards:

S. No	Category of Area/Zone	Day Time	Night Time
1	Industrial area	75	70
2	Commercial area	65	55
3	Residential area	55	45
4	Silence Zone	50	40

Equipment: Lutron, Model: **SL-4001,** Calibration due date: **16.12.2025.**

Note: - 1 Day time shall mean from 6.00 AM to 10.00 PM.
2. Night time shall mean from 10.00 PM to 6.00 AM.

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End of the report

M. Lavanya

Verified by
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Technical Manager

M. Jahn BHS Dept.