

Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	SIA/MH/INFRA2/410988/2022
Compliance ID	1229358918
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1229358918/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	27-05-2026
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur
Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.	

Six Monthly Compliance Report of AMANTHIN INFO PARKS PVT. LTD.

01st June 2026
(1st October 2025 to 31st March 2026)

Environmental Consultant



101, 202, Hem Opal, Plot No. 26, Ekta
Society, Wakadewadi, Pune 411005
Website: <http://techknowgreen.com>

Submitted By

AMANTHIN INFO PARKS PVT LTD.
Plot No. D-31 & D-32, TTC Industrial
Area, Turbhe, Navi Mumbai Dist.
Thane

SIX MONTHLY COMPLIANCE REPORT**1. Introduction**

PP has proposed a Data Centre [IT/ITes] project at Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703. PP has obtained Environmental Clearance **[Annexure 1]** under “8(a) ‘B2’ Building & Construction Projects” vide no. **EC23B038MH169990** on 21.07.2023 for the proposed project for the Plot area of 39,980.00 m² and BUA 61,479.43 m² from Environment Department, Maharashtra. by the State Level Environment Impact Assessment Authority, Maharashtra. As existing Environmental Clearance under “8(a) ‘B2’ Building & Construction Projects” vide no. **EC22B038MH187924** on 04.05.2022 attached as **Annexure 2**. Earlier Consent to Establish was granted dated 05.10.2021 vide format no. Format1.0/CAC-CELL/UAN No.0000114958/CE – 2110000151 for existing project. PP has applied for Consent to Establish for expansion project with UAN No: MPCB-CONSENT-0000162121 dated 11.02.2023.

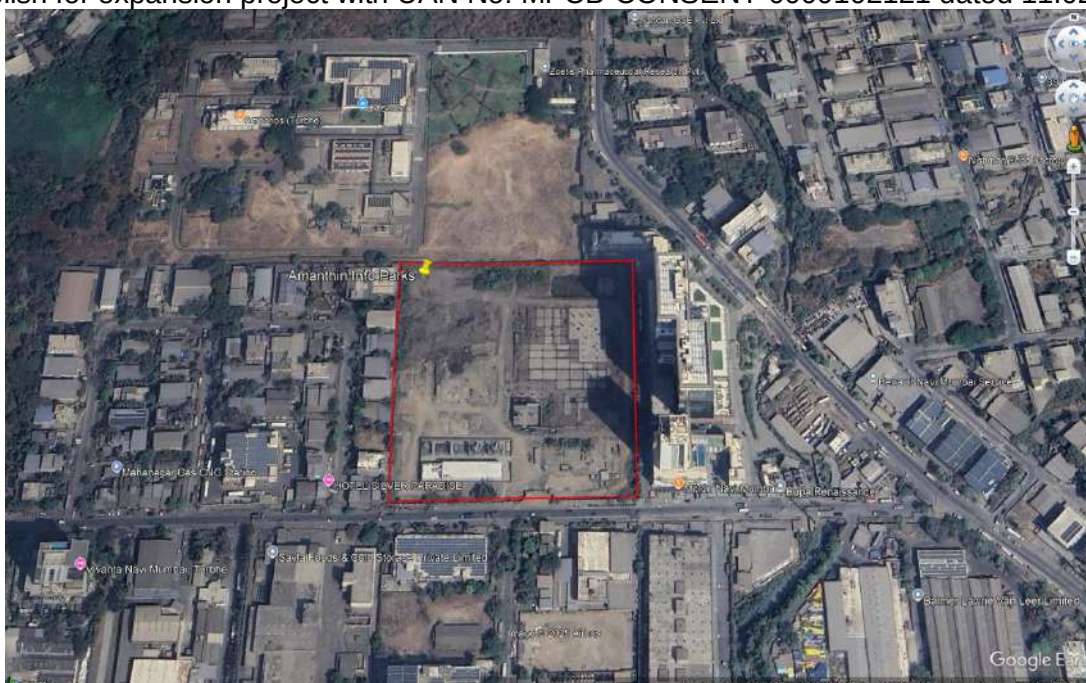


Fig.1 Google Image of proposed site
(Latitude: 19° 3'52.88"N, Longitude: 73°1'31.36"E)

Project Details as per the Granted Environmental Clearance

S. N.	Particulars	:	Details						
1.	Name of the Project	:	AMANTHIN INFO PARKS PVT. LTD.						
2.	Plot Area [m ²]	:	39,980.00m ²						
3.	Built up Area [m ²]	:	61,479.43 m ²						
4.	Green Belt Area [m ²]	:	4,042.28						
5.	Building Configuration	:	Buildi ng	Config uration	Hei ght (M)	Building	Configurat ion	Height (M)	Reas on for modi catio n/Ch ange

			A1- Data center bldg.. B- Gate house. B- Substation C- Pump room D- Pump room 2	G + 4 {Data center [G+2] 2 Gantry [G + 4]}	51	A1- Data center bldg.. B1- Pump room C1- Pump room D1- Security cabin E1- Substation F1- gate house 2	Data hall (G + 2) + Gantry (G + 5)	53.2	Addition of 1floor
6.	Project Cost	:	2,417.5Cr.						
7.	EMP Cost	:	Capital Cost: 6.72 Cr. & O&M Cost: 0.64Cr./Year						
8.	Population	:	Fixed - 188 Nos. Visitors: 12 Nos. Total: 200						
9.	Total Water Requirement	:	Dry season :40.7CMD [Fresh: 32.5+ Recycled:8.2] Wet season :8.7 CMD [4.8 Fresh + 3.9 Recycled]						
10.	Sewage Generation	:	8.2CMD						
11.	STP Capacity	:	10CMD						
12.	Solid Waste	:	Hazardous Waste - Used / Waste Oil: 26,680LPA - E-Waste: 188 kg/Year - Used Batteries: 5,699 Nos./Year Non-Hazardous Waste - Biodegradable: 24 kg/day - Non-Biodegradable: 36 kg/day - STP Sludge: 19.1 kg/Month Total: 60.627 Kg/day						
13.	Power Requirement	:	- Source: MSEDCL - Connected Load: 1,03,367KVA - Demand Load: 1,08,807KVA - Transformer Capacity: 4 X 220kV/22kV 60MVA - D.G. Set: 2200KVA x 58N						
14.	Parking	:	- Four-Wheeler: 302 Nos. - Two-Wheelers: 36 Nos. - Total Parking Area Provided: 3,752m²						

2. DATA SHEET

Monitoring the implementation of Environmental Safeguards
Ministry of Environment, Forest and Climate Change
Western Region, Regional Office, Nagpur

1.	Project type: River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	:	Building construction project
2.	Schedule and category of the Project as per EIA, 2006		8(a) B2
3.	Category of the project as per CPCB Guidelines (Red, Orange, Green)		Red
4.	Name of the Project	:	AMANTHIN INFO PARKS PVT. LTD.
5.	Clearance letter (s) / OM No. and date	:	EC Letter No. EC23B038MH169990 Date-21.07.2023
	Location		Thane
	a) District (s)	:	
	b) State (s)	:	Maharashtra
	c) Location latitude / longitude	:	19° 3'52.88"N 73°1'31.36"E
	Address for Correspondence	:	
	a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		
6.	Salient features	:	8(a) Building and Construction projects
	a) of the Project		
	b) of the Environmental Management Plans		Proposed project has implement the Environment Management plan for both Construction and Operation phase.
7.	Breakup of the Project Area	:	
	a) Submergence area: forest & non forest		Not Applicable
	b) Others		Total Plot Area – 39,980.00 sq.m Total Built-Up Area – 61,479.43 sq.m Open Space Available- 0 sq.m. Green belt Area- 4042.28 sq.m.
8.	Breakup of the project affected population with the enumeration of those losing Houses / Dwelling units only, Agricultural Land & Landless Laborers / Artisans:	:	Project land is owned by project proponent. So, no population is affected
	a) SC, ST / Adivasi		Not Applicable
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	:	Not Applicable
9	Financial Details: Project cost as originally planned and subsequent revised estimates and the year of price reference	:	a) Total Rs. 2417.5 Cr. [There is no change in project cost]
a)	Allocation made for environmental management plans with item wise and year wise breakup	:	Capital cost: 6.72 Cr OM cost: 0.801 Cr./Year
b)	Benefit cost ratio/Internal rate of Return and the year of assessment	:	-
c)	Whether (c) includes the cost of environmental management as shown in the	:	-

	above		
e)	Actual expenditure incurred on the project so far	:	-
f)	Actual expenditure incurred on the environmental management plans so far	:	-
10	Forest Land Requirement		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
b)	The status of clearing felling	:	Not Applicable
c)	The status of compensatory afforestation, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not Applicable
12	Status of construction (Actual &/ or planned)		--
a)	Date of commencement (Actual/or planned)		--
b)	Date of completion (Actual/or planned)		-
13	Production details as per EC & CTO		NA
14	KML file of the project		KML file is attached
15	Reasons for the delay if the project is yet to start		--
16	Status of Public Hearing Commitments		NA
17	Status of Rehabilitation & Resettlement		NA
18	Dates of site visits		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any		--
b)	Date of site visits for this monitoring report		--
19.	Details of the correspondence with project authorities for obtaining action plan / information on status of compliance to safeguards other than the routine letters for logistic support for site visit (The monitoring report may obtaining the details of all letters issued so far but the later reports may cover only the letters issued the subsequently)		--
20.	Purpose of present Site visit: [Suo moto/ Random Inspection of projects by RO/SRO, CCR for expansion project's EC under EIA Notification 2006 Verification Report (VR) of Action Taken Report (ATR) or SCN response submitted by the PP Complaint received against the project. Reference forwarded by the Ministry which inter-alia may include PMO, VIP,		NA

	Public Grievance, Parliamentary, RTI references Direction by Hon'ble court or by the Ministry in various Court Matter Direction from the Ministry in any other matter]		
21.	Pending litigation if any or directions issued by any regulatory authority.		NA
22.	Recommendations a) Major Non-compliance b) Minor Non-Compliance c) Violation		NA

3. Current Status of Project

PP has obtained Consent to Establish dated 05.10.2021 vide format no. Format1.0/CAC-CELL/UAN No.0000114958/CE – 2110000151 for existing project attached as **Annexure 3**. PP has applied for Consent to Establish for expansion project with UAN No: MPCB-CONSENT-0000162121 dated 11.02.2023.

Site preparation and excavation activities for the project have been successfully completed. The RCC (Reinforced Cement Concrete) work for the substation has also been fully executed, followed by the completion of finishing work of substation. A Sewage Treatment Plant (STP) with a capacity of 5 KLD has been installed to serve the construction area; however, it is currently not operational. Provision for an Organic Waste Converter (OWC) is planned for the operational phase of the project. Rainwater harvesting and storm water drainage systems are scheduled during the final stage of project completion.

As per the Tree NOC obtained, 175 trees were identified for transplantation and 26 trees for removal. The transplantation of all 175 trees has been successfully carried out, and the cutting of the 26 approved trees is complete. Additionally, 450 new trees have been planted on-site. The remaining plantation activities are in process and will proceed as more land becomes available for plantation.

PP to provide current site status photographs.

Status of projects and Photographs are attached as Annexure 4.

4. COMPLIANCE OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE

Name of the Project: AMANTHIN INFO PARKS PVT. LTD
Period of compliance report: 1st Oct 2025 – 31st Mar 2026

Specific Conditions:

Sr. No.	Conditions	Project Proponent's Response / Compliance Status
A. SEAC Condition		
1.	PP to submit IOD / IOA / Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions thereunder as per the circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	PP has obtained sanctioned Master Plan from MIDC on 02.11.2022. – Annexure 5
2.	PP to obtain following NOCs & remarks as per amended planning: a) Water supply b) CFO NOC	Water supply PP has obtained water supply NOC from MIDC through no. MIDC/IFMS/THANEI/E&MD/D5638 4EETHANE2/2021 dated 1.09.2021 & attached as Annexure 6. CFO NOC PP has obtained Provisional Fire NOC from MIDC through Letter No. MIDC/FIRE/B-01659 dated 23.03.2022 as Annexure 7
3.	PP to obtain certified six-monthly compliance report of earlier EC from Regional Office, MoEF&CC, Nagpur	PP has obtained Certified Compliance Report attached as Annexure 8
4.	PP to relocate STP as it is coming in drive-way.	STP is relocated and revised layout is attached as Annexure 9 .
5.	PP to maintain adequate distance between STP, OWC, Hazardous waste storage area & RG area.	Distance is maintained between STP, OWC and Hazardous waste and revised layout is attached as Annexure 9 .
6.	PP to ensure that the energy savings from renewable sources shall be minimum 5% or submit registered power purchase agreement with green energy supplier for utilizing 10% green energy within the project site.	PP assures that energy savings from renewable sources shall be minimum 5% and undertaking for the same is attached as Annexure 10 .
7.	PP to relocate parking proposed on RWH tank.	Parking is relocated and revised layout is attached as Annexure 9 .
8.	PP to ensure that the treated water parameters are as NGT norms.	PP has provided undertaking that the treated water parameters will be as per NGT norms - Annexure 11 .
9.	PP to obtain revised PESO license from competent authority for storage of HSD.	PP has Obtained PESO Permission For the fuel storage Date: 24.11.2021 & 27.11.2021 Permission No. A/P/WC/MH/15/3357 (P515179) & A/P/WC/MH/15/3362 (P524608) Annexure 12
10.	PP to deduct area of services provided from RG area and submit revised RG area calculations with triangulation method.	Services provided in RG area (RWH tank) are now relocated thereby, there will not be any changes in the RG area - Annexure 9
B. SEIAA Condition		
1.	PP has provided mandatory RG area of 4042.28 m2 on ground. Local planning authority to ensure the compliance of the same.	Noted.
2.	This EC is restricted up to 46.80 m height as per CFO NOC.	Noted.

3.	PP to keep open space unpaved so as to ensure permeability of water. However, Whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	PP ensure that it will keep maximum open space unpaved and whenever paving is deemed necessary, PP will provide grass paver of suitable types & strength to increase the water permeability as well as allow effective fire tender movement.
4.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	AIPPL will make sure that occupier will get in to the Agreement with the third-party for generation of 5% of total electrical load for the said data center through the renewable energy source i.e., Solar power within the Maharashtra state only. AIPPL further assures that the clause of third-party power purchase will be part of agreement between AIPPL and occupier.
5.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum Issued by MOEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted and PP will comply
6.	SEIAA after deliberation decided to grant EC for- FSI- 39,890.39 m2, non-FSI 4122.64 m2, Total BUA- 44013.03m2 (Plan approval – EE/Dn-II/SPA/MHP/C16068/2022, dated 02.11.2022). (Restricted as per approval)	Noted

General Conditions:

Sr. No.	Conditions	Project Proponent's Response / Compliance Status
A. Construction Phase		
1.	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Complied. PP has provided separate dust bins for dry waste and wet waste collection and segregation of generated solid waste from construction labours. Dry waste shall be handed over to the authorized recycler and wet waste shall be handed over to the authorized vendor for proper treatment and disposal.
2.	Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.	PP has provided adequate solid waste management system during construction phase and maximum construction debris and construction waste within the site for the leveling and filling purpose and balanced material will be disposed off at authorized site allocated by the Municipal Corporation / local authorities.

3.	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Hazardous waste generation during construction phase will be Used/Spent oil from the DG Set and construction machineries. PP shall assure that it will be collected properly and disposed off to the authorized recycler as per the norms
4.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water and sanitary facilities is provided. for construction workers at the site. Provision has been made for the toilets. PP has provided Septic Tank followed by soak pit for the treatment of sewage generated from construction labours & Installation of STP for construction worker is provided for treatment of sewage generated labours. Separate bins are provided for collection and segregation of solid waste generated and it will dispose off as per the applicable norms. The photos of mobile toilet & drinking water facility are attached as Annexure 13 .
5.	Arrangement shall be made that waste water and storm water do not get mixed.	PP has proposed to provide separate dedicated stormwater system and sewerage system to ensure that there will be no mixing of wastewater and storm water.
6.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	PP has proposed to use pre-mixed concrete during construction phase to reduce the water consumption and also has proposed to utilize treated waste water for construction activity.
7.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	PP is not utilizing or extracting the ground water within the project site
8.	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	PP has obtained water supply permission from MIDC attached as Annexure 6 and no ground water shall be extracted for the construction activity as well as during operation phase.
9.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	PP has proposed to use low flow fixture for the toilet flushing and drinking and also shall explore use of aerators or pressure reducing devices / sensor-based control to reduce the water consumption
10.	The Energy Conservation Building code shall be strictly adhered to.	PP will strictly adhere to the Energy Conservation Building Code and ensure full compliance throughout
11.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	PP has stored the topsoil excavated during construction within the project site and same shall be utilize for gardening purpose within the project premises only.
12.	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	PP has used Excavated material/soil for the filling and leveling purpose and there is no requirement for procuring soil from the outside the project premises.

13.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	PP is monitoring the ground water and soil quality to check the contamination of any heavy metals
14.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance	PP has obtained Tree NOC. Attached as Annexure 14.
15.	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	DG Sets of 250KVA X 1nos installed on site is used as power back up only and is being used during power failure only. PP proposed to use low Sulphur diesel only. It confirms noise level as per the prescribed norms PP has provided adequate stack height for proper dispersion of the emission. Attached as Annexure 15.
16.	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	The vehicle hired for transportation of Raw material will be adequately covered to avoid spillage/leakages
17.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	PP has carried out Ambient Air Monitoring and Ambient noise monitoring to check the levels and monitored results are well within the residential standards. Adequate measures like fencing with adequate height around the site boundary is done and tree plantation work is in progress to reduce ambient air during construction phase, so as to conform to the stipulated standards by CPCB/MPCB. The monitoring Reports are attached as Annexure 16.
18.	Diesel power generation sets proposed as source backup power for elevators and common area illumination during construction phase should be enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	PP has provided acoustic enclosure to the installed DG set and also provided adequate stack height.
19.	Regular supervision of the above and other measure for monitoring should be place in all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell/designated person	PP has appointed dedicated person for the monitoring and supervision of all environmental measures.

B. Operation phase

1.	a. The solid waste generated should be properly collected and segregated. b. Wet waste should be treated by Organic Waste Converter and treated waste	a. PP assures that Solid waste generated shall be collected and segregated b. PP will proposed to provide Organic
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	(manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	Waste convertor for treatment of wet waste and manure shall be utilized for gardening purpose within the project premises Dry/inert solid waste will be disposed of through approved vendors
2.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	PP assures that E waste will be disposed through Authorized vendor only
3.	a. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b. PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.	a. PP assure that installation of STP will be certified by an independent expert and a report will be submitted to the MPCB before commissioning of the project. Treated sewage will be utilized to the maximum extent for gardening purpose. Necessary measures will be taken to mitigate odor issue. b. PP has proposed to provide full-fledged STP to treat the 100% generated sewage and maximum utilization of treated waste. Attached as Annexure 9
4.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.	Noted. PP will start operation of data center only after completion of STP, MSW disposal facility, green belt development. Treated water shall be reutilized for the gardening purpose within the project premises.
5.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted
6.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	PP assures that no public space will be utilized for the parking by employees of proposed data centers. PP has proposed parking facility provision as per the local norms and has provided adequate parking space for the employees and visitor within the project premises only.
7.	PP to provide adequate electric charging points for electric vehicles (EVs)	Total 4 wheelers proposed are 294 nos. & 28 two wheelers out of which electric charging facility will be provided for the 40% of the vehicles

8.	Green Belt Development shall be carried out considering CPCB guidelines including selectin of plant species and in consultation with the local DFO/ Agriculture Dept.	PP has proposed to provide green belt area of 4042.28m ² and assures that green belt development will be done considering CPCB guidelines and in consultation with the local DFO/Agriculture department and as per the Tree NOC obtained.
9.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environment safeguards.	PP will set-up a separate environment management cell with qualified staff for implementation of the stipulated environmental safeguards
10.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.	PP has proposed a Separate funds allocated for the implementation of environmental protection measures/EMP along with item-wise breaks-up. Capital cost proposed for EMP will be INR. 6.72Cr. and maintenance cost will be INR. 0.64Cr per year.
11.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://parivesh.nic.in	PP has advertised in the two local news-paper [Navshakti – Marathi Newspaper & Free Press– English Newspaper] informing that the project has been accorded environmental clearance. News-paper cutting - Annexure 17.
12.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Copy of Environmental Clearance Letter is sent to the Municipal Commissioner, Navi Mumbai and Local NGO. Ack. Copy of submitted letters is attached as Annexure 18. PP has uploaded Copy of Environmental Clearance Letter on company website as Annexure 19.
13.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	PP uploading the status of compliance of stipulated EC conditions including results of monitored data on its website.
C. General EC Conditions		
1.	PP has to strictly abide by the conditions stipulated by SEAC& SEIAA.	Noted, PP assure that it will abide all the conditions stipulated by the SEAC & SEIAA

2.	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	PP has obtained consent to establish from MPCB through Consent no. Consent Letter No.: Format1.0/CAC/UAN/No.0000114958 /CE -2110000151 dated 05.10.2021 attached as Annexure 3
3.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Noted
4.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	PP assures that it shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data. Acknowledgement copy of six monthly compliance submitted on Parivesh portal is attached as Annexure 20 .
5.	The environmental statement for each financial year ending 31st March in Form-Vas it is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	PP will submit environmental statement report once, operation is started
6.	No further Expansion or modifications, other than mentioned in the EIA Notification,2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted
7.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Noted
8.	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project	Noted

	proponent in the case filed against him, if any or action initiated under EP Act.	
9.	This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.	Noted, PP acknowledge that the Environment Clearance is issued solely from an environmental perspective, and we will obtain all required permissions/NOCs before commencing the proposed work at the site
10.	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted
11.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.	Noted
12.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted
13.	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

Format for submission of Green belt Development as per letter no. F.No. EC1168/RON/2020-NGP dated 01.08.2023

Total area of project	33 % of total area	Green belt area within the site (layout showing the green belt area with approximate dimension)	Details of plantation area outside the project site (Photographs, Types of saplings, KML file to be enclosed)					Seedlings distributed –			Expenditure (Rs) with supportive documents
			Location (Survey numbers, name of village etc.)	Extent (sq m)	Number of saplings planted	Name of saplings / species	Survival rate (%)	Name of the person and village	Name of seedling/ species	Number of seedlings	
Total Plot area: 39,980.00m ²		Green Belt Area: 4,042.28m ²		--		Neem(Inside)	--	--	--	--	--
						Kinjal(Inside)					
						Saptparni(Inside)					
						Ficus(Inside)					
						Bakul(Inside)					
						Karanj(Inside)					
						Umber(Inside)					
						Khirmi(Inside)					
						Ashok(Inside)					

--END OF THE REPORT--



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

To,

The Director

AMANTHIN INFO PARK PVT. LTD.

One Indiabulls center, 16th Floor, Tower 2A, Senapati bapat Marg,
Mumbai-400013 -400703

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/260695/2022 dated 09 Mar 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC22B038MH187924
2. File No.	SIA/MH/MIS/260695/2022
3. Project Type	Expansion
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	Proposed Data Centre Project by Amanthin Info Parks Pvt. Ltd.
7. Name of Company/Organization	AMANTHIN INFO PARK PVT. LTD.
8. Location of Project	Maharashtra
9. TOR Date	N/A

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

Date: 04/05/2022

(e-signed)
Manisha Patankar Mhaikar
 Member Secretary
 SEIAA - (Maharashtra)

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

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/260695/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Amanthin Info Parks Pvt. Ltd.,
Plot No. D-31 & D-32, Turbhe MIDC,
TTC Industrial Area, Navi Mumbai,
Thane.

Subject : Environmental Clearance for Proposed Construction Project "Data Center (IT/ITEs)" located at Plot No. D-31 & D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane by M/s. Amanthin Info Parks Pvt. Ltd.

Reference : Application no. SIA/MH/MIS/260695/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 153rd & 168th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 242nd (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details
1.	Plot Area (sq.m.)	39,980.00 m ²
2.	FSI Area (sq.m.)	53,404.6 m ²
3.	Non-FSI (sq.m.)	2,027.01 m ²
4.	Proposed built-up area (FSI + Non FSI) (sq.m.)	55,431.61 m²
5.	Earlier EC details with total construction area if any	EC No. SEIAA-2019/CR-49/SEIAA Dated 31.03.2020 Plot Area of 39,980m ² & Total BUA of 66,401.36m ²
6.	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	No Construction is done on site
7.	Proposed Building Configuration	1 Building [G + 4 Floors]
8.	No. of Tenements & Shops	1 Building, no. shops as it is a Data Centre
9.	Total Population	▪ Fixed - 188 Nos. ▪ Visitors – 12 Nos.
10.	Total Water Requirements CMD	Total Water – 40.8CMD ▪ Domestic Fresh – 4.8CMD

		- Flushing Recycled – 3.9CMMD - Gardening Fresh -27.8CMD - Gardening Recycled -4.3CMD	
11	Sewage Generation CMD	8.2CMD	
12	STP Capacity & Technology	Capacity: 10CMD Technology: Moving Bed Bioreactor (MBBR)	
13	STP Location	Near Sub Station	
14	Total Solid Waste Quantities with capacity of OWC to be installed	- Dry Waste: 36kg/day - Wet Waste: 24kg/day - STP Sludge: 19.1kg/day - Proposed OWC capacity – 30kg/day	
15	R.G. Area in Sq.m.	RG Required	3,998m ²
		RG Provided on Mother Earth	4,005m ²
		RG Provided on ground	4,005.00m ²
		Total	4,005.00m ²
16	Power requirement	During Operation Phase:	
		Details	
		Connected load (kW)	1,03,367KW
		Demand load (kW)	1,08,807KVA
17	Energy Efficiency	The Total Energy saving only by solar is 10% of the FS Building Load	
18	D.G. set capacity	2200KVA x 58Nos.	
19	Parking 4W & 2W	- Parking 4W: 294 - Parking 2W: 28	
20	Rain water harvesting scheme	Rooftop rainwater harvesting is proposed Industry has proposed to collect the Rooftop Rainwater to the tune of 450m ³ and has proposed Collection Tank of 450m ³	
21	Project Cost in (Cr.)	Rs. 2,417.5Cr.	
22	EMP Cost	- Capital Cost: 6.72 Cr. - O&M Cost: 0.64Cr./Year	
23	CER Details with justification if any	CER Fund is calculated as per new Office Memorandum dated 1.05.2018 issued by MoEF&CC	
		Project Type	Brownfield Project
		CER Amount	12.0875Cr.
24	Details of Court Cases/ litigations w.r.t the project and project location, if any.	Not any	

The comparative statement regarding project details sanctioned in earlier EC and present proposal is as follows:

Sr. No.	Details	As per Existing EC No. SIA/MH/MIS/145018/2020 dated 31.03.2020	Proposed Configuration	Remark
A	General & Area Details			
1	Name of Project	Proposed Development of Commercial IT Park by Greenscape Builtcon LLP	Proposed Development of Data Centre by Amanthin Info Parks Pvt. Ltd.	
2	Address	Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane	Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane	No Change
3	Plot Area – m ²	39,980.0	39,980.0	No Change
4	FSI Area - m ²	39,077.08	53,404.6	Increased by 14,327.2m ² i.e., 26%
5	Non FSI Area - m ²	27,324.36	2,027.01	Decrease by 25,297.35m ² i.e., 92.5%
6	Total BUA Area - m ²	66,401.44	55,431.61	Reduced by 10,969.83m ² i.e., 16.5%
7	Ground Coverage	-	16,283.89m ² [40.73%]	NA
8	No. of Buildings	2 Buildings	1 Building + Water Tank + STP + Electrical Substation	Decreased by 1 Building
9	Floor	Bldg. 1 – G +1st Floor Bldg. 2 – G + 1st Floor Podium (Parking) + 12 Upper Floor	Bldg. 1 – G + 4 Floors [Data Centre: G+2 and 2 Gantry: G+4]	-
10	Height	-	51m	51m
11	Tenements	Office – 25Nos.	1 Data Centre Building	-
12	Population	Fixed - 6009 Nos. Visitors – 590 Nos.	Fixed - 188 Nos. Visitors – 12 Nos.	Fixed decreased by 5821

Sr. No.	Details	As per Existing EC No. SIA/MH/MIS/145018/2020 dated 31.03.2020	Proposed Configuration	Remark
				Visitors decreased by 578
13	Project Cost – Cr.	Rs. 287.07	Rs. 2,417.5	Increased by 2130.43Cr.
B	Water Consumption & Wastewater Generation			
1	Total Water Demand	Domestic Fresh – 154CMD Flushing Recycled – 126CMMD Gardening Recycled - 35CMD Total Water – 315CMD	Domestic Fresh – 4.8CMD Flushing Recycled – 3.9CMMD Gardening Fresh - 27.8CMD Gardening Recycled - 4.3CMD Total Water – 40.8CMD	Domestic Fresh Water requirement decreased by 149.2CMD Flushing Recycled Water requirement decreased by 122.1CMD Total Water Requirement decreased by 274.2CMD
2	Sewage Generation	249CMD	8.2CMD	Decreased by 240.8CMD
3	STP Capacity	275CMD	10CMD	Decreased by 265CMD
4	Rain Water Harvesting	2 Tanks [385Cub.M] 135Cub.M & 250Cub.M	1 Tank of 500Cub.M	Increased By 115Cub.M
C	Solid Waste Details			
NON-HAZARDOUS WASTE				
1	Dry Waste	808.51kg/day	36kg/day	Decreased by 772.51kg/day due to decrease

Sr. No.	Details	As per Existing EC No. SIA/MH/MIS/145018/2020 dated 31.03.2020	Proposed Configuration	Remark
				in population
2	Wet Waste	539kg/day	24kg/day	Decreased by 515kg/day due to decrease in population
3	STP Sludge	-	19.1kg/day	-
HAZARDOUS WASTE				
1	Used / Spent Oil	-	26,680LPA	-
2	E Waste	-	188kg/Year	-
3	Used Battery	-	5,966Nos./Year	-
D	Energy Details			
CONSTRUCTION PHASE				
1	Connected Load	-	200KVA	-
2	DG Set	-	125KVA x 2	-
OPERATION PHASE				
1	Source of Power	MSEDCL	MSEDCL	No Change
2	Connected Load	6,507.46KW	1,19,688KVA	Increased by 113180.54KVA as it is a Data Centre
3	Demand Load	5,472KW	1,08,807KVA	Increased by 10333.5KVA as it is a Data Centre
4	Transformer	2000KVA x 3	4 X 220kV/22kV 60MVA	Increased as it is a Data Centre
5	DG Set	1500KVA x 4	2200KVA x 58	Increased as it is a Data Centre
6	Fuel	-	HSD - 24,824LPH	Increased as it is a Data Centre
7	Stack Height	-	3m Each Above building roof	-

Sr. No.	Details	As per Existing EC No. SIA/MH/MIS/145018/2020 dated 31.03.2020	Proposed Configuration	Remark
8	Annual Energy Savings only by solar %	5.5%	10% of the FS Building Load	-
E	Parking Details			
1	4 Wheelers	881	294	Decreased by 587 due to decrease in Population
2	2 Wheelers	88	28	Decreased by 48 due to decrease in Population
3	Area Provided For 4 Wheelers	-	3,696m ²	-
4	Area Provided For 2 Wheelers	-	56m ²	-
5	Total Parking Area	-	3,752m ²	-

3. Proposal is for Expansion of existing construction project. PP obtained earlier EC vide SIA /MH / MIS /145018/2020, Dated: 31/03/2020 for plot area of 39,980.00 Sq. Mtrs, Total construction area of 66,401.44 Sq.Mtrs and FSI area of 39,077.08 Sq.Mtrs. Proposal has been considered by SEIAA in its 242nd (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following NOCs as per revised planning:
 - a) Sewer Connection, b) Sewer remarks, c) CFO NOC, d) SWD NOC, e) SWM /C&D
 - b) NOC, f) Tree NOC.
3. PP to obtain Peso license from competent authority for storage of Diesel in project premises.
4. PP proposes separate wing of building for placing floor wise DG sets in different compartment. PP to submit structural stability certificate of building for carrying entire load DG sets. PP to maintain stack height of DG sets as per CPCB norms.

5. PP to explore possibility of developing Miyawaki forest.
6. PP to ensure disposal of e-waste, plastic waste and other waste as per norms and declare premises as plastic free zone.
7. PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary.
8. PP to maintain 1.5 Mtr. distance between STP & OWC.
9. PP to submit revise energy calculation with terrace floor plans.

B. SEIAA Conditions-

1. PP to conduct tree census and to submit details of compensatory tree plantation clearly demarcating both trees to be cut and trees to be transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975. PP to plant as many trees as the cumulative age of trees to be cut and transplanted. PP has proposed to plant 3419 trees as compensatory plantation. PP has provided area of 4005.00 m² for compensatory tree plantation.
2. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
3. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
4. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
5. SEIAA after deliberation decided to grant EC for – FSI- 53,404.60 m², Non-FSI- 2,027.01 m², Total BUA- 55431.61 m². (Plan approval-MIDC/IFMS/Thane-1/E&MD, dated 03.11.2021).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.

- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XVII. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVIII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XIX. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be

utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.

- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>
- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any,

were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

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

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

5. This Environment Clearance is issued purely from an environment point of view without

prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

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

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

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

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


Manisha Patankar-Mhaikar
(Member Secretary, SEIAA)
21/5/2022

Copy to:

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

Signature Not Verified

Digitally signed by Manisha
Patankar Mhaiskar
Member Secretary

Date: 5/4/2022 6:35:24 AM



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

To,

The Director

AMANTHIN INFO PARK PVT. LTD.

One Indiabulls center, 16th Floor, Tower 2A, Senapati bapat Marg,
Mumbai-400013 -400703

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MH/INFRA2/410988/2022 dated 29 Dec 2022. The particulars of the
environmental clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC23B038MH169990 |
| 2. File No. | SIA/MH/INFRA2/410988/2022 |
| 3. Project Type | Expansion |
| 4. Category | B |
| 5. Project/Activity including
Schedule No. | 8(a) Building and Construction projects |
| 6. Name of Project | Proposed Expansion of Data Centre
Project by Amanthin Info Parks Pvt. Ltd.
located at Plot No. D- 31 and D- 32, TTC
Industrial Area, Turbhe, Navi Mumbai,
Dist. Thane - 400703 |
| 7. Name of Company/Organization | AMANTHIN INFO PARK PVT. LTD. |
| 8. Location of Project | MAHARASHTRA |
| 9. TOR Date | N/A |

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

Date: 21/07/2023

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

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

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/INFRA2/410988/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Amanthin Info Parks Pvt. Ltd.,
Plot No. D- 31 and D- 32, TTC Industrial Area,
Turbhe, Navi Mumbai, Dist. Thane.

Subject : Environment Clearance for proposed Expansion of Data Centre Project located at Plot No. D- 31 and D- 32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane by M/s.Amanthin Info Parks Pvt. Ltd.

Reference : Application no. SIA/MH/INFRA2/410988/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 196th meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 261st (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 09.06.2023.

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

Sr. No.	Details	Reply
1.	Proposal Number	SIA/MH/INFRA2/410988/2022
2.	Name of Project	Proposed Data Centre Project [IT/ITes] by M/S. AMANTHIN INFO PARKS PVT. LTD. At Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703
3.	Project category	8 (a) B2
4.	Type of Institution	Private Limited
5.	Project Proponent	Name: Mr. Rahul Nair through "AMANTHIN INFO PARKS PVT. LTD" Registered address: One India bulls Centre, 16th Floor, Tower 2A, Senapati Bapat Marg, Mumbai, Maharashtra, 400013 Contact number: 9833510627 Email: amanthininfo@gmail.com
6.	Consultant	Name: Technogreen Environmental Solutions Accreditation No: NABET/EIA/2124/IA0081 Valid till: July 05,2024
7.	Applied for	Expansion
8.	Location of the project	Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703
9.	Latitude and Longitude	Latitude: 19° 3'52.88"N, Longitude: 73° 1'31.36"E

10.	Plot Area (m ²)	39,980																								
11.	Deductions (m ²)	NA																								
12.	Net Plot area (m ²)	39,980																								
13.	Ground coverage (m2) & %	16,255.62 [40.65%]																								
14.	FSI area (m ²)	47,416.21																								
15.	Non-FSI area (m ²)	14,063.22																								
16.	Proposed built-up area (FSI + Non FSI) (sq.m.)	61,479.43																								
17.	TBUA (m ²) approved by Planning Authority till date	61,479.43																								
18.	Earlier EC details with Total Construction area, if any.	EC Letter No. EC22B038MH187924 on 04.05.2022 Total construction BUA as per earlier EC - 55,431.61 [53,404.6 FSI + 2,027.01 Non – FSI]																								
19.	Construction completed as per earlier EC (FSI + Non FSI) (sq.m.)	Only site preparation and excavation work has been started on site as per Previous EC granted																								
20.	<table><tr><th colspan="3">Previous EC / Existing Building</th><th colspan="3">Proposed Configuration</th><th rowspan="2">Reason for Modification / Change</th></tr><tr><th>Bldg. Name</th><th>Configuration</th><th>Height (m)</th><th>Bldg. Name</th><th>Configuration</th><th>Height (m)</th></tr><tr><td>A- Data Centre Building B – Gate House, B – Substation C - Pump room, D-Pump room 2,</td><td>G+4 {Data Centre [G+2] 2 Gantry [G+4]}</td><td>51</td><td>A1 - Data Centre Building B1 - Pump room, C1 - Pump room, D1 - Security Cabin, E1 – Substation F1 - Gate House 2</td><td>{[Data hall G+2 + Gantry G+5]}</td><td>53.2</td><td>Addition of 1 floor</td></tr></table>						Previous EC / Existing Building			Proposed Configuration			Reason for Modification / Change	Bldg. Name	Configuration	Height (m)	Bldg. Name	Configuration	Height (m)	A- Data Centre Building B – Gate House, B – Substation C - Pump room, D-Pump room 2,	G+4 {Data Centre [G+2] 2 Gantry [G+4]}	51	A1 - Data Centre Building B1 - Pump room, C1 - Pump room, D1 - Security Cabin, E1 – Substation F1 - Gate House 2	{[Data hall G+2 + Gantry G+5]}	53.2	Addition of 1 floor
	Previous EC / Existing Building			Proposed Configuration			Reason for Modification / Change																			
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21.	Total number of tenements & Shops	Not Applicable																								
22.	Total Population	200																								
23.	Total Water Requirements CMD	Dry season (CMD)			Wet Season (CMD)																					
		Fresh water requirement	32.5	Fresh water requirement	4.8																					
		Flushing water	3.9	Flushing water	3.9																					

		requirement (Recycled)		requirement (Recycled)	
		Gardening (Recycled +Fresh)	32.1	Gardening (Recycled +Fresh)	--
		Total water requirement	40.7 [32.5 Fresh + 8.2 Recycled]	Total water requirement	8.7 [4.8 Fresh + 3.9 Recycled]
		Waste water generation	8.2	Waste water generation	68.26
24.	Under Ground Tank (UGT) location	Domestic Water Tank: 35m ³ × 2Nos. Fire Water Tank: 200m ³ x 2 Nos.			
25.	Source of water	MIDC			
26.	STP Capacity & Technology	Sewage generation in CMD:	8.2		
		STP technology:	Moving Bed Bio-Reactor (MBBR)		
		Capacity of STP (CMD):	STP: 10CMD		
27.	STP Location	Near Open Space [Behind Gantry Building]			
28.	Sewage Generation CMD & % of sewage discharge in sewer line	Sewage Generation: 8.2 CMD and no sewage will be discharged in sewer line during dry season			
29.	Solid Waste Management during Construction Phase	Type		Quantity (kg/d)	Treatment / disposal
		Dry waste:		144 kg/day	Given to Authorized recyclers
		Wet waste:		216 kg/day	Treated in OWC
		Construction and demolition waste (as below)			
		Concrete 23% (M ³)		294.59	Handed Over to authorized vendors/Recycler
		Metals 5% (MT)		153.7	
		"Brick & Masonry 31% (M ³)		496.3	
		Others 1% (MT)		30.74	
		Wood 2% (MT)		61.4	
30.	Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed	Type		Quantity (kg/d)	Treatment / disposal
		Dry waste:		36 kg/day	Given to Authorized recyclers
		Wet waste:		24 kg/day	Treated in OWC
		Hazardous waste: [Used Oil]		26,680 LPA	Authorized vendor
		E-Waste		188 Kg/year	Authorized vendor

		STP Sludge (dry)	19 Kg/M	Will be used as manure	
		Used Batteries	5,699 Nos/Y	Authorized vendor	
31.	R.G. Area in sq.m	RG required			3,998.00 m ²
		RG provided on mother earth / ground			4,042.28m ²
		Total			4,042.28m ²
		Existing trees on plot			201
		Number of trees to be planted:			2,861
		a) In RG area:			300Nos. (100sq.m)
		b) In Miyawaki Plantation (with area)			
		Number of trees to be cut:			26
Number of trees to be transplanted:			175		
32.	Power requirement	Operation phase			
		Connected load		103367 KW	
		Demand load		108807 KVA	
		Transformer:		4 X 220kV/22kV [60MVA]	
		DG set:		2200KVA x 58 Nos.	
33.	Details of Energy saving	a) Total energy saving (%): 5% using PPA b) Solar energy (%): 10 % of external lighting load			
34.	D.G. set capacity	2200KVA x 58 Nos.			
35.	No. of 4-W & 2-W Parking with 25% EV	4W-302, 2W- 36 40% of Two Wheelers & Four Wheelers is reserved is EV			
36.	No. & capacity of Rain water harvesting tanks /Pits	Level of the Ground water table:		2-4 m BGL	
		Size and no of RWH tank(s) and Quantity		450 Cum x 1No. 30.0m x 5.0m x 3.0m	
		Details of UGT tanks if any:		450 Cum x 1Nos 30.0m x 5.0m x 3.0m	
37.	Total Project Cost (Rs.)	2,417.5 Cr.			
38.	EMP Cost	Capital Cost: 6.72 CR & O&M Cost: 0.64 Cr./Year			
39.	CER Details with justification if anyas per MoEF&CC circular dated 01/05/2018	As per MoEF&CC, GoI, OM no. F.No. 22-65/2017-IA.III dated 20th October 2020 CER to be integrated with EMP ,hence separate CER proposal is not included			
40.	Details of Court cases / litigations w.r.t. the project and project location if any.	NA			

The comparative statement showing project details as per earlier EC and proposal under consideration is as below:

Sn.	Particulars	Existing	Proposed	Difference / change
1	Plot Area – m ²	39,980.00	39,980.00	No Change

2	FSI Area - m ²	53,404.60	47,416.21	Decreased by 5,988.39m ²
3	Non-FSI Area - m ²	2,027.01	14,063.22	Increased by 12,036.21m ²
4	Total BUA Area - m ²	55,431.61	61,479.43	Increased by 6,047.82m ²
5	Ground Coverage	16,283.89m ² [40.73%]	16,255.62m ² [40.65%]	Decreased by 28.27m ²
6	Green Area	4,005.00 m ²	4,042.28 m ²	Increased by 37.28m ²
7	No. of buildings & Configuration	A- Data Centre Building - G+4 {Data Centre [G+2] 2 Gantry [G+4]} B - Gate House, B - Substation C - Pump room, D - Pump room 2,	A1 - Data Centre Building G+5 {[Data hall G+2 + Gantry G+5]}, B1 - Pump room, C1 - Pump room, D1 - Security Cabin, E1 - Substation F1 - Gate House 2	Addition of 1 floor & mezzanine area in Gantry
8	Project Cost	Rs. 2,417.5Cr.	Rs. 2,417.5Cr.	No Change
9	EMP Cost	Capital Cost: 6.72 Cr. & O&M Cost: 0.64Cr./Year	Capital Cost: 6.72 Cr. & O&M Cost: 0.64Cr./Year	No Change
10	Population	200	200	No Change
11	Building height	51.0	53.2	Increased by 2.2m
12	Total Water Demand	40.7CMD	40.7CMD	No Change
13	Sewage Generation	8.2CMD	8.2CMD	No Change

3. The proposal has been considered by SEIAA in its 260th (Day-1) meeting held on 09.06.2023 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions thereunder as per the circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.

2. PP to obtain following NOCs & remarks as per amended planning:
a) Water supply; b) CFO NOC.
3. PP to obtain certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.
4. PP to relocate STP as it is coming in drive-way.
5. PP to maintain adequate distance between STP, OWC, Hazardous waste storage area & RG area.
6. PP to ensure that the energy savings from renewable sources shall be minimum 5 % or submit registered power purchase agreement with green energy supplier for utilizing 10% green energy within the project site.
7. PP to relocate parking proposed on RWH tank.
8. PP to ensure that the treated water parameters are as per NGT norms.
9. PP to obtain revised PESO license from competent authority for storage of HSD.
10. PP to deduct area of services provided from RG area and submit revised RG area calculations with triangulation method.

B. SEIAA Conditions-

1. PP has provided mandatory RG area of 4042.28 m² on ground. Local planning authority to ensure the compliance of the same.
2. This EC is restricted up to 46.80 m height as per CFO NOC.
3. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
4. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
5. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
6. SEIAA after deliberation decided to grant EC for – FSI- 39,890.39m², Non FSI- 4,122.64 m², Total BUA- 44,013.03 m². (Plan approval No-EE/Dn-II/SPA/MHP/C16068/2022, dated- 02.11.2022) (Restricted as per approval)

General Conditions:

a) Construction Phase :

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.

- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.

- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in
- XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely;

SPM, RSPM. SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

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

as per EIA Notification, 2006, amended from time to time.

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

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



Pravin Darade
(Member Secretary, SEIAA)

Copy to:

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

Signature Not Verified

Digitally signed by Shri Pravin C.
Darade, I.A.S.
Member Secretary
Date: 7/21/2023 9:15:20 PM



Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I ()

No:- Format1.0/CAC/UAN No.0000114958/CE - 2110000151

Date: 05/10/2021

To,
M/s Amanthin Info Parks Pvt. Ltd.,
Plot Nos. D-31 & D-32, TTC Industrial Area, Turbhe,
Navi Mumbai, Dist. Thane - 400703.



Your Service Is Our Duty

Sub: Grant of Consent to Establish for proposed construction of Data Center Building.

- Ref:**
1. Environment Clearance accorded vide No. SIA/ MH/ MIS/ 145018/ 2020 dtd. 31.03.2020.
 2. Previous Consent to Establish accorded by Board vide No. Format 1.0/ BO/ JD(WPC)/ UAN No. 90824/ CE/ CC-2008000975 dtd. 26.08.2020.
 3. Minutes of Consent Appraisal Committee meeting held on 03, 17 & 20.08.2021.

Your application No.MPCB-CONSENT-0000114958 Dated 31.05.2021

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.
2. The capital investment of the project is Rs.2417.5 Crs. (As per undertaking submitted by pp)
3. Consent is valid for the construction of Data Center Building:

Sr No	Product	Maximum Quantity	UOM
Products			
Data Center Building construction on total plot area 39,980 sq. mtrs. for total construction BUA of 55,431.61 sq. mtrs.			

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable



Maharashtra Pollution Control Board

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Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	8.2	As per Schedule-I	60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1 to S-58	D.G. Sets (58 x 2200 KVA)	58	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Biodegradable Waste	24	Kg/Day	OWC followed by Composting	Used as manure
2	Non Biodegradable Waste	36	Kg/Day	Segregation	Auth. Vendor/ Local Body
3	STP Sludge	19	Kg/M	Drying	Used as manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	26680	Ltr/A	Recycle	Sale to Auth. Party/ Recycler

8. **Conditions under Batteries (Management & Handling) Rules, 2001:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Battery Waste	5966.00	Nos./Y	Sale to Auth. Party/ Recycler

Specific Conditions for used Batteries:

- The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
- The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- Bulk consumers to their user units may auction used batteries to registered recyclers only.

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	188.00	Kg/Annum	Sale to Auth. E-waste handler/ Recycler

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.

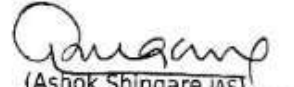


Maharashtra Pollution Control Board

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11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. PP shall not take effective steps till obtaining amendment in Environment Clearance.
13. PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD - 10 mg/lit including disinfection facility for treated sewage.
14. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
15. PP shall provide Organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage and compost obtained shall be utilized as manure for gardening in own premise.
16. PP shall make provision of charging ports for electric vehicles at least 10% of total available parking slots.
17. PP shall comply with the conditions stipulated in Environment Clearance.
18. PP shall submit Bank Guarantee of Rs. 25 Lakh towards compliance of conditions stipulated in Environment Clearance and Consent to Establish.
19. This consent is issued with overriding effect on earlier Consent to Establish granted by the Board vide No. Format 1.0/ BO/ JD(WPC)/ UAN No. 90824/ CE/ CC-2008000975 dtd. 26.08.2020.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS)
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	4835000.00	MPCB-DR-6288	07/06/2021	RTGS

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Navi Mumbai
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.



Maharashtra Pollution Control Board

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- Generation - As per your application the treated effluent generation is Nil.
 - Treatment - NA
 - Disposal - NA
- As per your application, you have provided Sewage Treatment Plant of designed capacity 10 CMD with MBBR technology for the treatment of 8.2 CMD of sewage.
 - The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system. In no case, sewage shall find its way outside factory premises.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 - The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 - The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	8.60
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	27.8

- The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



Maharashtra Pollution Control Board

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SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1 to S-58	D.G. Sets (58 x 2200 KVA)	Acoustic Enclosure	30.00	HSD 24824 Kg/Hr	1	SO2	11916 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (mg/l)
Total Particulate Matter	Not to exceed 150 mg/ Nm3

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E	2500000	Within 15 days	Towards compliance of the Environmental Clearance & Consent to Establish conditions	31.08.2026	31.12.2026

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



Maharashtra Pollution Control Board

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SCHEDULE-IV **General Conditions:**

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
7. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
8. The applicant shall maintain good housekeeping.
9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.



Maharashtra Pollution Control Board

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10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
11. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
15. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
16. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
19. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
20. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
21. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).



Maharashtra Pollution Control Board

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24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
28. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
30. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Maharashtra Pollution Control Board

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37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary



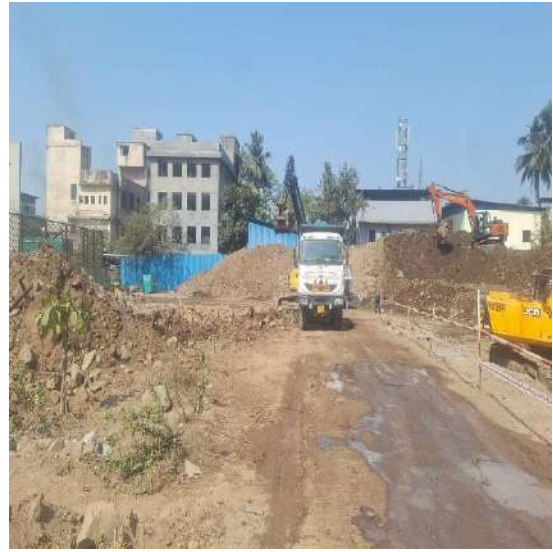
Maharashtra Pollution Control Board

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Current Site Photographs



Access Road with Dust Suppression



Access with Dust Suppression



Geotech investigation



Surveying



Footing Preparation



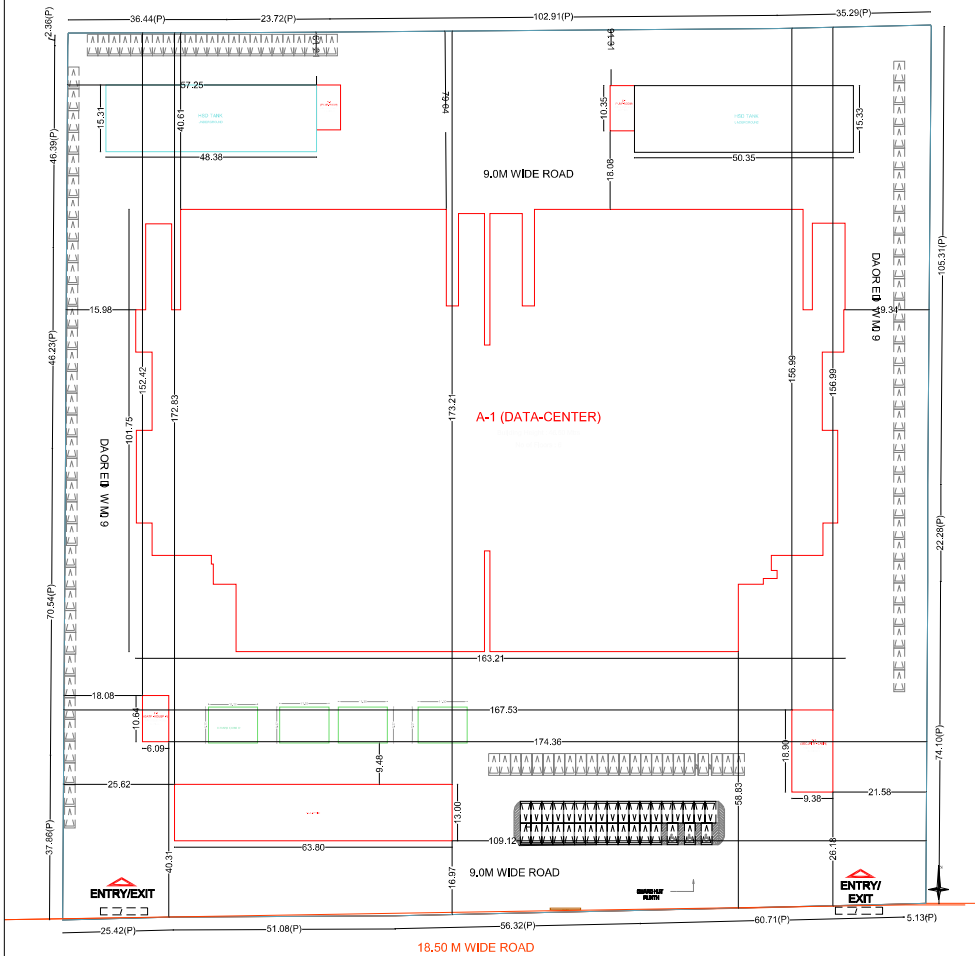
Reinforcement



Earthwork



Materials Preparation



LAYOUT PLAN

NOTE:- ALLREADY APPROVED LETTER NO-EE/Dn-II/SPA/MHP/C16068/OF 2022

WATER REQUIREMENT

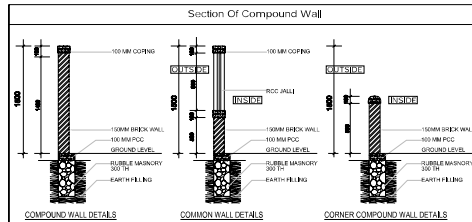
TANK	OCCUPANT LOAD (NO.)	CONSUMPTION PER DAY (LIT)	REQUIRED CAPACITY (LIT)	PROPOSED CAPACITY (LIT)
DATA CENTRE	-NA-	0.10	-NA-	-NA-
CHWT	0.00	0.00	0.00	0.00
FIRE REQUIREMENT				
TOTAL			-NA-	0.00
UOWT	1.5			-NA-
FIRE REQUIREMENT				
TOTAL			-NA-	11917235.50

PARKING CALCULATION

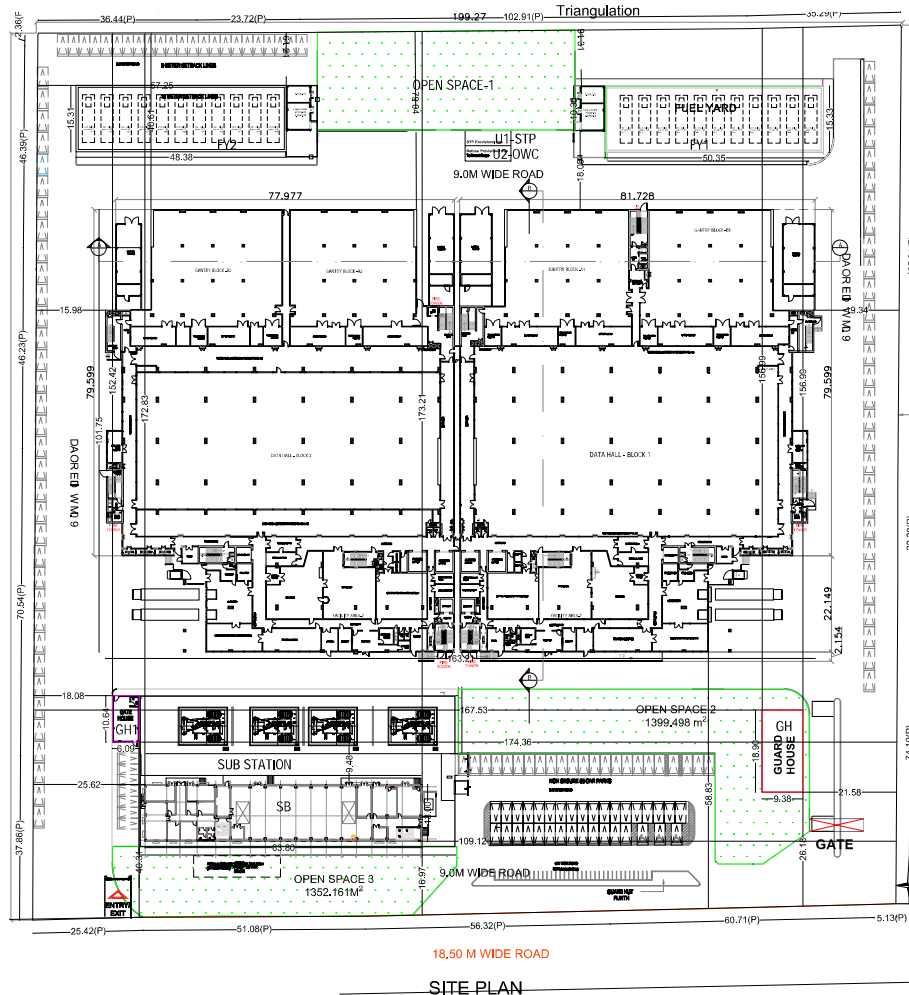
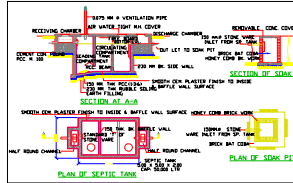
TYPE	CARPET AREA/ UNIT (M ²)	TENEMENT (NO.)	CAR (NO.)	SCOOTER (NO.)	CYCLE (NO.)
Industrial	-NA-	250	NaN	1	NaN
Visitor Parking	-	-	-	0	-
Total Required	-	-	-	-	-
Total Proposed	-	-	302	38	-
Total Required Area	-	-	-NA-	-NA-	-
Total Proposed Area	-	-	3778.80	134.78	-

BUILDING WISE FSI STATEMENT

BUILDING	COMM.	RESL.	IND.	SPEC.	COMM.	RESL.	IND.	SPEC.	FSI AREA	DOUBLE HT.	BALCONY	PERM.	PROP.	EXCESS	PASS	LIFT LOBBY	STAIR LOBBY	STAIR	LIFT	TERR.	TNMT.	TOTAL FSI AREA
A-1 (DATA CENTER BUILDING)	0.00	0.00	38165.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	38165.98
B-1 (PLUMP ROOM)	0.00	0.00	87.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	87.38
C-1 (PLUMP ROOM)	0.00	0.00	87.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	87.38
D-1 (SECURITY CHAIN)	0.00	0.00	177.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	177.27
E-1 (SUB-STATION)	0.00	0.00	1386.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1386.42
F-1 (GATE HOUSE-2)	0.00	0.00	64.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	64.81
Total	0.00	0.00	38880.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	38880.38



Triangle	Area
A-01	7515.98
A-02	16271.99
A-03	2349.46
A-04	732.95
A-05	2818.16
A-06	6621.10
A-07	3929.41
Total (PLOT BOUN)	40239.04



SITE PLAN

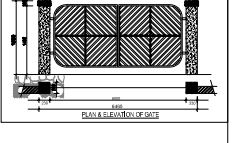
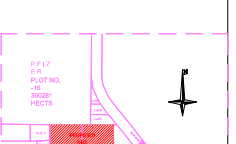
STAMP OF APPROVAL

RAJARAM GUNDERAO RATHOD
Date: 2024/10/18 18:18:03

A) AREA STATEMENT	SQ.M
1. AREA OF PLOT	39880.38
2. DEDUCTIONS FROM GROSS PLOT AREA	
(a) ROAD SET BACK (R/S)	0.00
(b) PROPOSED ROAD (P)	0.00
(c) R/W RESERVATION	0.00
(d) MINIMUM STORM WATER AREA	0.00
(e) OTHER	0.00
TOTAL (b+c+d+e)	0.00
3. BALANCE AREA OF PLOT (A-B)	39880.38
4. DEDUCTIONS FROM BALANCE PLOT AREA	
(a) RESERVATION	0.00
(b) R/W RESERVATION	0.00
5. NET BALANCE PLOT AREA OF PLOT (A)	39880.38
6. ADDITION FOR F.A.I.	
(a) ROAD-1 SET BACK	0.00
(b) ROAD-2 SET BACK	0.00
(c) ROAD-3 SET BACK	0.00
(d) ROAD-4 SET BACK	0.00
(e) ROAD-5 SET BACK	0.00
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(ct) ROAD-98 SET BACK	0.00
(cu) ROAD-99 SET BACK	0.00
(cv) ROAD-100 SET BACK	0.00

B) BALCONY STATEMENT	CAR	CAR	VISITORS
(a) PERMISSIBLE BALCONY AREA	0.00	0.00	0.00
(b) PROPOSED BALCONY AREA	0.00	0.00	0.00
(c) EXCESS BALCONY AREA (TOTAL)	0.00	0.00	0.00
D) PARKING STATEMENT			
(a) PARKING REQUIRED BY RULE	40%	20%	40%
(b) PARKING PROVIDED	40%	20%	40%
(c) TOTAL PARKING PROVIDED	40%	20%	40%
(d) TRANSPORT VEHICLES PARKING	40%	20%	40%
(e) TOTAL NO. OF TRANSPORT VEHICLES PARKING PROVIDED	40%	20%	40%
(f) TOTAL NO. OF LOADING / UNLOADING PARKING PROVIDED	40%	20%	40%

C) CERTIFICATE OF AREA	AREA
1. GROSS AREA	39880.38
2. NET AREA	39880.38
3. BALANCE AREA	39880.38
4. DEDUCTIONS FROM BALANCE AREA	0.00
5. NET BALANCE AREA	39880.38
6. ADDITION FOR F.A.I.	0.00
7. TOTAL AREA	39880.38
8. PERMISSIBLE BALCONY AREA	0.00
9. PROPOSED BALCONY AREA	0.00
10. EXCESS BALCONY AREA (TOTAL)	0.00
11. PARKING REQUIRED BY RULE	40%
12. PARKING PROVIDED	40%
13. TOTAL PARKING PROVIDED	40%
14. TRANSPORT VEHICLES PARKING	40%
15. TOTAL NO. OF TRANSPORT VEHICLES PARKING PROVIDED	40%
16. TOTAL NO. OF LOADING / UNLOADING PARKING PROVIDED	40%

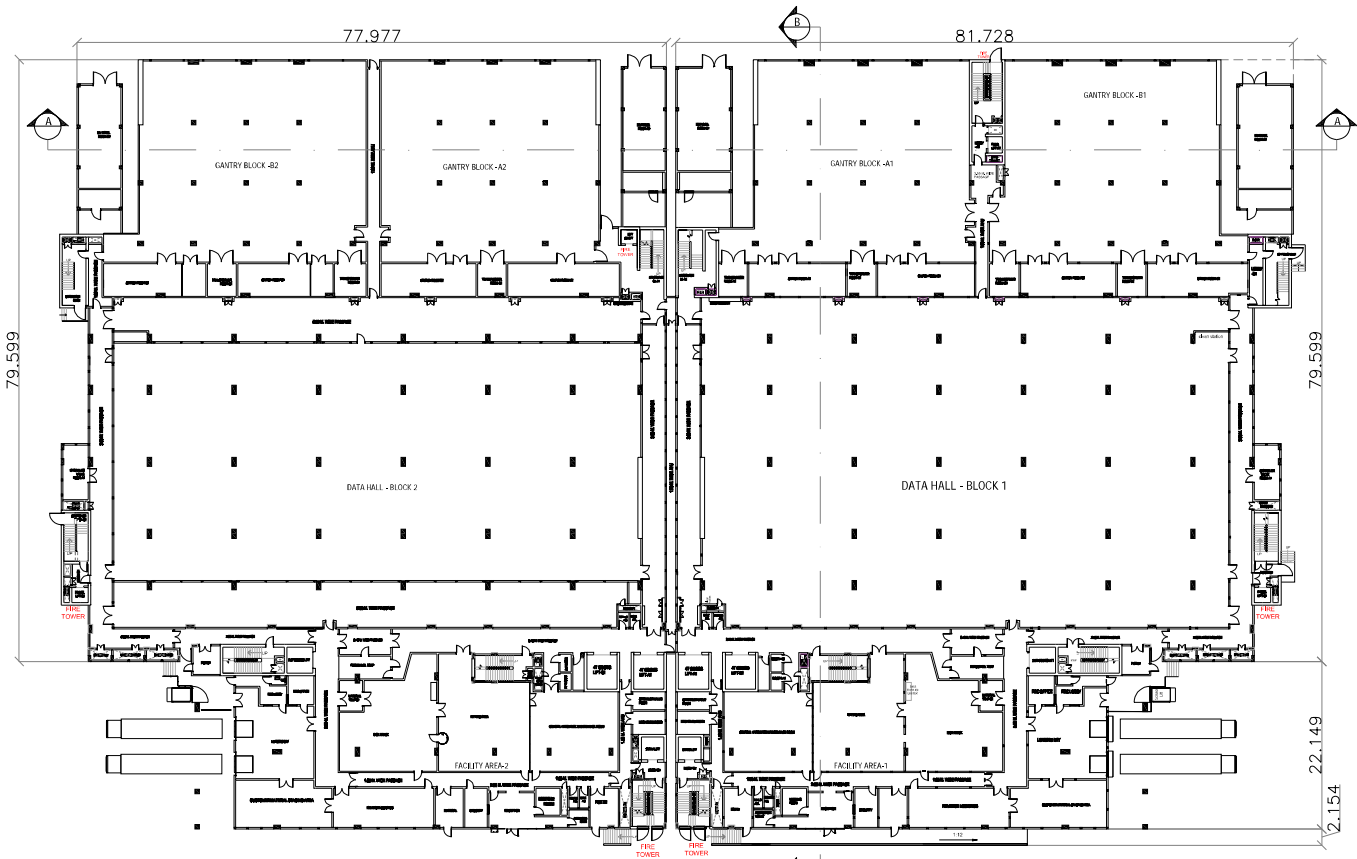


OWNER NAME: JAMATHI INFO PARKS PRIVATE LIMITED	OWNER SIGN:
PROJECT: PLOT NO. : D-5 BRAND D-5	DATE: 18/10/2024
ARCHITECT: ARCHITECT NAME: JAMATHI INFO PARKS PRIVATE LIMITED	SCALE: 1:100
KEY NO. : 1	SHEET NO. : 1/1

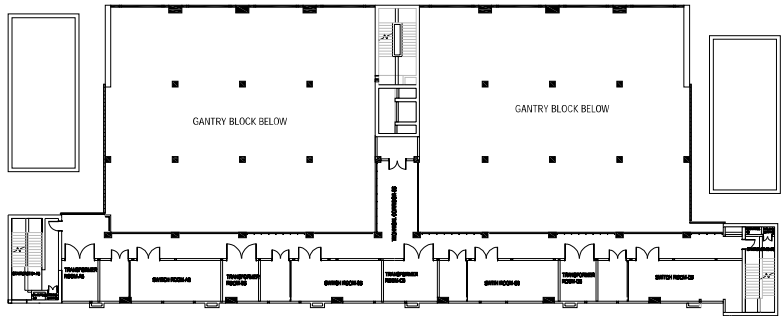
Polygon	Area	V5	0.41	V29	1.15	LL3	6.10
A-block	16006.87	V8	0.41 <td>V30</td> <td>3.84</td> <td>LL4</td> <td>6.36</td>	V30	3.84	LL4	6.36
O1	72.70	V7	0.41 <td>V31</td> <td>5.57</td> <td>LL5</td> <td>8.16</td>	V31	5.57	LL5	8.16
02	173.95	V8	0.41 <td>V32</td> <td>5.67</td> <td>LL6</td> <td>7.58</td>	V32	5.67	LL6	7.58
03	121.94	V9	2.12 <td>V33</td> <td>3.93</td> <td>LL7</td> <td>135.73</td>	V33	3.93	LL7	135.73
04	861.48	V10	0.41 <td>V34</td> <td>2.48</td> <td>LL8</td> <td>138.24</td>	V34	2.48	LL8	138.24
05	27.95	V11	0.41 <td>V35</td> <td>1.44</td> <td>L9</td> <td>155.40</td>	V35	1.44	L9	155.40
06	575.54	V12	0.41 <td>V36</td> <td>4.02</td> <td>LL10</td> <td>82.08</td>	V36	4.02	LL10	82.08
L1	4.09	V13	0.41 <td>V37</td> <td>2.48</td> <td>LL11</td> <td>64.24</td>	V37	2.48	LL11	64.24
L2	4.09	V14	0.41 <td>V38</td> <td>1.44</td> <td>LL12</td> <td>398.87</td>	V38	1.44	LL12	398.87
L3	4.30	V15	0.41 <td>V39</td> <td>2.64</td> <td>S1</td> <td>23.53</td>	V39	2.64	S1	23.53
L4	11.90	V16	0.93	V40	0.84	S2	24.92
L5	18.00	V17	1.95	V41	0.84	S3	24.33
L6	18.00	V18	1.79	V42	2.83	S4	30.86
L7	18.00	V19	1.52	V43	2.24	S5	26.96
L8	18.00	V20	2.48	V44	5.57	S6	20.53
L9	11.90	V21	3.26	V45	56.28	S7	23.46
L10	4.30	V22	5.57	S51	99.63	S8	23.73
L11	9.00	V23	5.57	S52	933.80	S9	22.27
L12	9.01	V24	3.80	S53	936.47	S10	21.11
V1	2.12	V25	3.79	S54	968.81	S11	20.44
V2	2.48	V26	1.15	S55	906.18	S12	26.99
V3	0.33	V27	4.75	LL1	9.37	S13	24.13
V4	0.41	V28	4.75	LL2	8.05	Total	9029.45

Floor Name	Transformer	EnrLobby
Terrace Floor...	-NA-	-NA-
Fifth Floor...	0.00	0.00
Fourth Floor...	0.00	0.00
Third Floor...	0.00	0.00
Mezzanine @ 2 Fl..	0.00	0.00
Second Floor...	0.00	0.00
Mezzanine @ 1 Fl..	0.00	0.00
First Floor...	0.00	0.00
Mezzanine @ Grou...	0.00	0.00
Ground Floor...	3747.26	99.64
Total :	3747.26	99.64
Total Number of Same Buildings :	1	
Grand Total :	3747.26	99.64

OWNER'S NAME: AMANTH INFO PARKS PRIVATE LIMITED ***		OWNER'S SIGN:	
PROJECT: Plot No. : D-3-SUAND D-3E Ward : Thane Survey No. : 0 Village : -			
INDUSTRIAL AREA : T.T.C.		WRIGHT'S SIGN:	
ARCHITECT: SHRI MOHAMMED SHAMIM AHMED RUKHSANA BHASHA PW4D Dargu Rang Rajas Madhe Thane			
JOB NO.		ORIG. NO.	SCALE
			1:100
ISSUED NO.		NO. OF SHEETS	DATE
01		01	07-08-2022



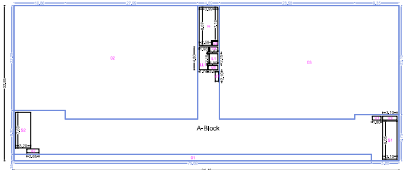
GROUND FLOOR PLAN



GROUND FLOOR MEZZANINE PLAN

[illegible]

AREA DIAGRAM OF GROUND MEZZANINE FLOOR



Polygon	Area
A-Block	2678.57
01	102.17
02	912.97
03	902.24
L1	4.09
V1	1.44
V2	2.12
V3	2.46
V4	0.93
V5	1.95
V6	1.79
V7	1.52
LL1	9.37
S1	24.82
S2	24.33
S3	30.88
Total	653.36

AREA CALCULATIONS OF GROUND MEZZANINE FLOOR

STAMP OF APPROVAL

RAJARAM
GUNDERAO
RATHOD

Digitally signed by RAJARAM
GUNDERAO RATHOD
DN: cn=RAJARAM GUNDERAO
RATHOD o=Personal
Reason: I am the author of this
document
Location:
Date: 2022-11-02 16:17:05.30

BUILDING: B (SUBSTATION)

AREA DIAGRAM OF THIRD FLOOR

Polygon	Area	V7	1.26
A-Block	4089.09	V8	1.26
01	216.01	V9	1.26
02	58.05	V10	1.26
03	1257.26	V11	0.93
04	76.00	V12	1.95
L1	4.09	V13	1.79
L2	4.09	V14	1.52
V1	1.44	LL1	9.37
V2	2.12	LL2	8.80
V3	2.48	S1	24.57
V4	2.12	S2	24.92
V5	1.21	S3	24.33
V6	1.26	S4	30.88
		Total	2328.84

AREA CALCULATIONS OF THIRD FLOOR

OWNER'S NAME:
AMANTHIN INFO PARKS PRIVATE LIMITED

OWNER'S SIGN:
...

PROJECT:
Plot No. : D-D-31/AND D-32
Ward : Thane
Survey No. : 0
Village : -

INDUSTRIAL AREA : T.T.C.

ARCHITECT:
SHOEB MOHAMMED SHAMIM AHMED RUKHANA BHAKH
P4091 Dongre Bang Kruang Mubara Thane

ARCHITECT'S SIGN:
...

INWARD NO. : 860/1482/2022/01/00025
KEY NO. : 86

DATE : 07-09-2022

SHEET NO. : 8/8

IN

1:100

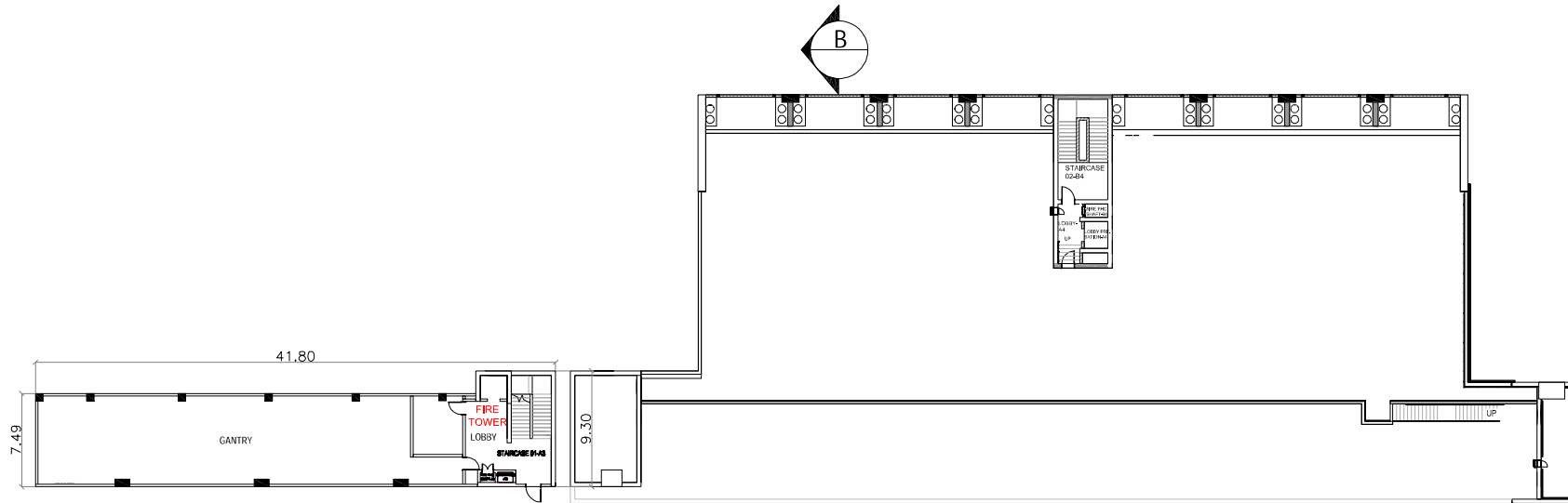
DRAWN BY: 860/1482/2022/01/00025
CHECKED BY: 860/1482/2022/01/00025

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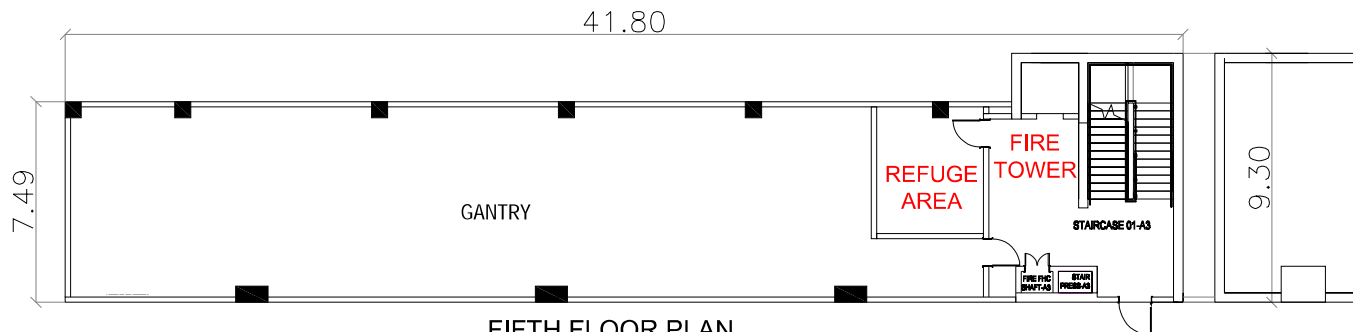
STAMP OF APPROVAL

RAJARAM
GUNDERAO
RATHODDigitally signed by RAJARAM
GUNDERAO RATHOD
DN: cn=RAJARAM GUNDERAO
RATHOD c=IN o=Personal
Reason: I am the author of this
document
Location:
Date: 2022-11-02 16:17:05.30

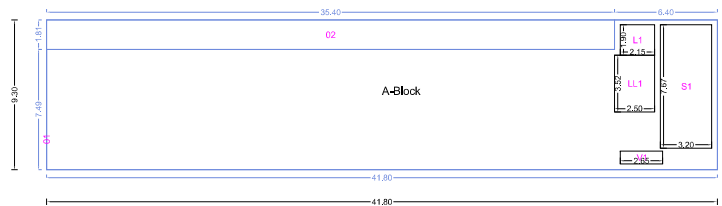
BUILDING: B (SUBSTATION)



FOURTH FLOOR PLAN



FIFTH FLOOR PLAN

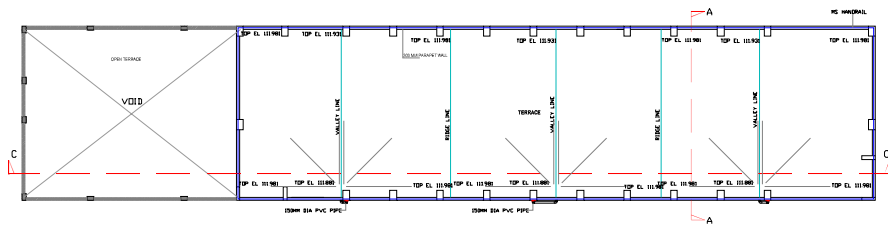


AREA DIAGRAM OF FOURTH & FIFTH FLOOR

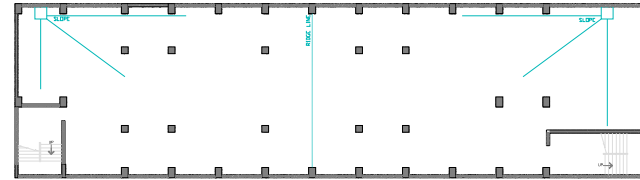
Polygon	Area
A-Block	388.77
01	0.00
02	63.97
L1	4.09
V1	2.12
LL1	8.80
S1	24.57
Total	285.23

AREA CALCULATIONS OF
FOURTH & FIFTH FLOOR

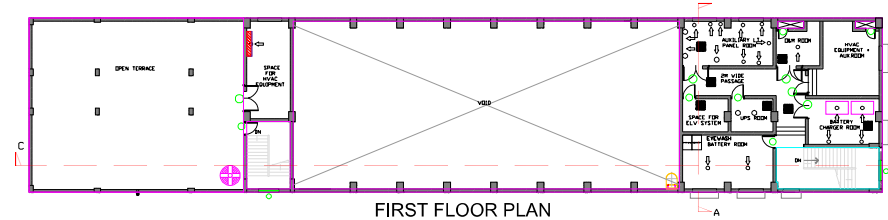
OWNER'S NAME:		OWNER'S SIGN:	
AMANTHIN INFO PARKS PRIVATE LIMITED			
PROJECT:			
Plot No. : D-D-31/AND D-32		Survey No. : 0	
Vard : Thane		Village : -	
INDUSTRIAL AREA : T.T.C.			
ARCHITECT:		ARCHITECT'S SIGN:	
SHYAM MOHAMMED SHAMIM AHMED RUKHSANA SHAIKH			
F4/01 Dongre Baug Kaushe Momb Thane			
JOB NO.	DRG NO.	SCALE	DRAWN BY/CHECKED BY
INWARD NO.	SHCH/4821/2022	1:100	DATE
KEY NO.	7/8	DATE	07-08-2022
SHEET NO. 8/9			



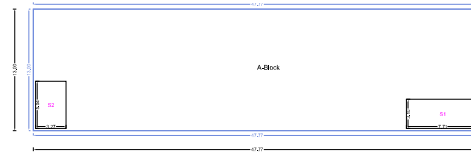
TERRACE FLOOR PLAN



BASEMENT FLOOR PLAN



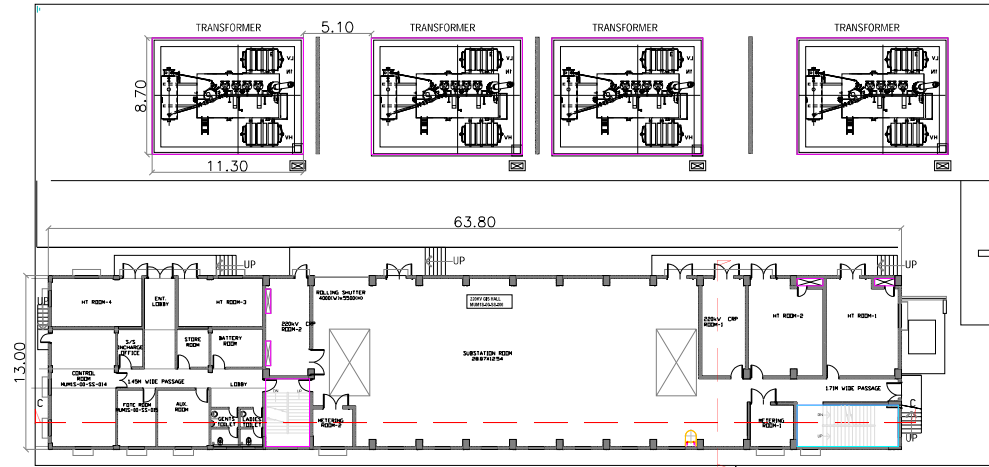
FIRST FLOOR PLAN



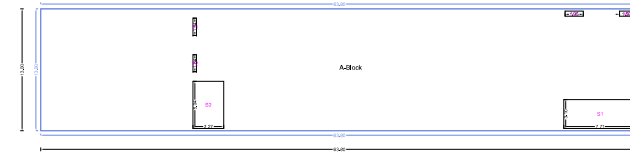
AREA DIAGRAM OF FIRST FLOOR

Polygon	Area
A-Block	621.01
S1	23.90
S2	16.48
Total	580.63

AREA CALCULATIONS OF FIRST FLOOR



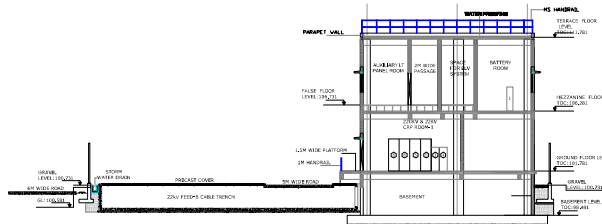
GROUND FLOOR PLAN



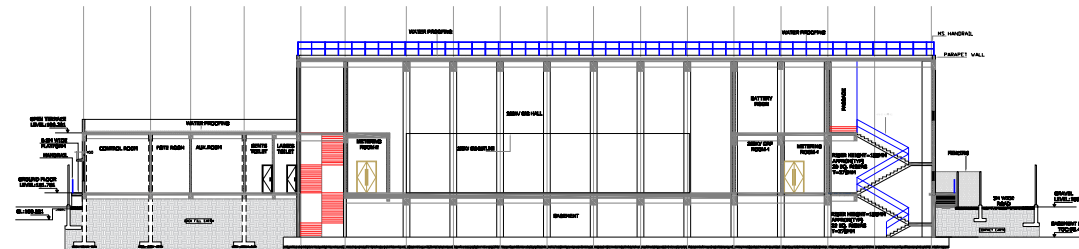
AREA DIAGRAM OF GROUND FLOOR

Polygon	Area
A-Block	829.40
V1	0.68
V2	0.68
V3	1.05
V4	0.81
S1	23.90
S2	16.48
Total	785.79

AREA CALCULATIONS OF GROUND FLOOR



SECTION C



SECTION A

STAMP OF APPROVAL

RAJARAM

GUNDERAO

RATHOD

BUILDING: B(SUBSTATION)-ELEVATION

Digitally signed by RAJARAM GUNDERAO RATHOD
DN: cn=RAJARAM GUNDERAO RATHOD o=Personal
Reason: I am the author of this document
Location:
Date: 2022-11-02 16:17+05:30

OWNER'S NAME:
AMANTHIN INFO PARKS PRIVATE LIMITED

PROJECT:
Plot No. : D-D-SHARD D-S2
Ward : Thane

INDUSTRIAL AREA: T.T.C.

ARCHITECT:
SHOEB MOHAMMED SHAMIM AHMED RIJQSHANA SHAIKH
F1401 Dongre Baug Koushe Mimbis Thane

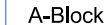
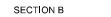
OWNER'S SIGN:

Survey No.: 0
Village: -

ARCHITECT'S SIGN:

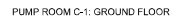
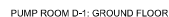
DATE: 07-08-2022

SHEET NO. 8/9

AREA CALCULATIONS OF GROUND FLOOR

PUMP ROOM D-1: ARE
DIAGRAM
OF GROUND FLOOR

Polygon	Area
A-Block	177.27
Total	177.27

AREA CALCULATIONS OF GROUND FLOORAREA CALCULATIONS OF GROUND FLOOR

FLOOR WISE FS STATEMENT: B (GATE HOUSE)

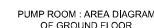
FLOOR WISE FSI STATEMENT: C (PUMP ROOM)

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FLOOR WISE FSI STATEMENT: D (PUMP ROOM-2)

100000	010000	020000	030000	040000	050000	060000	070000	080000	090000	100000	110000	120000	130000	140000	150000	160000	170000	180000	190000	200000	210000	220000	230000	240000	250000	260000	270000	280000	290000	300000	310000	320000	330000	340000	350000	360000	370000	380000	390000	400000	410000	420000	430000	440000	450000	460000	470000	480000	490000	500000	510000	520000	530000	540000	550000	560000	570000	580000	590000	600000	610000	620000	630000	640000	650000	660000	670000	680000	690000	700000	710000	720000	730000	740000	750000	760000	770000	780000	790000	800000	810000	820000	830000	840000	850000	860000	870000	880000	890000	900000	910000	920000	930000	940000	950000	960000	970000	980000	990000	1000000	1010000	1020000	1030000	1040000	1050000	1060000	1070000	1080000	1090000	1100000	1110000	1120000	1130000	1140000	1150000	1160000	1170000	1180000	1190000	1200000	1210000	1220000	1230000	1240000	1250000	1260000	1270000	1280000	1290000	1300000	1310000	1320000	1330000	1340000	1350000	1360000	1370000	1380000	1390000	1400000	1410000	1420000	1430000	1440000	1450000	1460000	1470000	1480000	1490000	1500000	1510000	1520000	1530000	1540000	1550000	1560000	1570000	1580000	1590000	1600000	1610000	1620000	1630000	1640000	1650000	1660000	1670000	1680000	1690000	1700000	1710000	1720000	1730000	1740000	1750000	1760000	1770000	1780000	1790000	1800000	1810000	1820000	1830000	1840000	1850000	1860000	1870000	1880000	1890000	1900000	1910000	1920000	1930000	1940000	1950000	1960000	1970000	1980000	1990000	2000000	2010000	2020000	2030000	2040000	2050000	2060000	2070000	2080000	2090000	2100000	2110000	2120000	2130000	2140000	2150000	2160000	2170000	2180000	2190000	2200000	2210000	2220000	2230000	2240000	2250000	2260000	2270000	2280000	2290000	2300000	2310000	2320000	2330000	2340000	2350000	2360000	2370000	2380000	2390000	2400000	2410000	2420000	2430000	2440000	2450000	2460000	2470000	2480000	2490000	2500000	2510000	2520000	2530000	2540000	2550000	2560000	2570000	2580000	2590000	2600000	2610000	2620000	2630000	2640000	2650000	2660000	2670000	2680000	2690000	2700000	2710000	2720000	2730000	2740000	2750000	2760000	2770000	2780000	2790000	2800000	2810000	2820000	2830000	2840000	2850000	2860000	2870000	2880000	2890000	2900000	2910000	2920000	2930000	2940000	2950000	2960000	2970000	2980000	2990000	3000000	3010000	3020000	3030000	3040000	3050000	3060000	3070000	3080000	3090000	3100000	3110000	3120000	3130000	3140000	3150000	3160000	3170000	3180000	3190000	3200000	3210000	3220000	3230000	3240000	3250000	3260000	3270000	3280000	3290000	3300000	3310000	3320000	3330000	3340000	3350000	3360000	3370000	3380000	3390000	3400000	3410000	3420000	3430000	3440000	3450000	3460000	3470000	3480000
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AREA CALCULATIONS OF GROUND FLOOR

		1:00	
	INWARD NO.	SWCH/4/521/20220810/525	DATE 07-09-2022
	KEY NO.	25	SHEET NO. 8/8

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MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)



No. MIDC/IFMS/THANE I/E&MD/ D56384
EETHane2/2021
Office of the Executive Engineer & Special
Planning Authority, MIDC, Division No. II,
Mahape - 400701
Date: 11/9/2021

To,

✓ M/s. Amanthin Info Parks Pvt. Ltd.
Plot No. D-31 & D-32, TTC Industrial Area,
Navi Mumbai

Sub: TTC Industrial area ...
Request for NOC for water supply for proposed
development on Plot No. D-31 & D-32 in Turbhe MIDC,
TTC Industrial Area, Navi Mumbai.

Ref: 1) Area Manager, MIDC, Mahape transfer order No.
D39693 dated 17/08/2021
2) Your application No. Nil dated Nil received on
26/08/2021

Dear Sir,

With reference to your letter cited under reference at Sr. No. 2, above, this is to inform you that there is existing water connection No. DV002/131TTC/201 of 100 mm dia. for subject plot in the name of Transferee No. 3 M/s. Sandoz Pvt. Ltd. As the plot is transferred in your favour vide under reference at Sr. No. 1, above, the said water connection will be transferred in your favour subject to compliance as per rules and regulations of MIDC.

Thanking you,

Yours faithfully,

Executive Engineer & SPA,
MIDC, Division No. II, Mahape

- Copy f. w. cs to R. O., MIDC, Mahape for information.
- Copy to DE, MIDC, Sub-Division No. I, Mahape
- Copy to Guard file.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

HEAD OFFICE : “Udyog Sarthi”, Mahakali Caves Road,
Andheri (E), Mumbai – 400 093.
Tele: (022) 26870052/54/27/73 Fax: (022) 26871587
PRINCIPAL OFFICE : 4,4 (A), 12th Floor, World Trade Centre, Complex-1,
Cuffe Parade, Mumbai – 400 005
Tele : (022) 22151451/52/53 Fax : (022) 22188203



Date: 02/05/2025.

M/s, Amanthin Info Parks Pvt Ltd.
Plot No: D-31 and D-32, MIDC TTC
Indl. Area. Dist; Thane.

Sub: Grant of “Provisional No-Objection Certificate” to your proposed construction of Data Center Building on Plot No: D-31 And D-32, at MIDC, TTC Indl. Area.
Ref: Your application vide no; SWC/14/521/20250217/1035297.

Dear Sir,
This has reference to the above this office has “No Objection (Provisional)” for your proposed construction on Plot No: D-31 And D-32, at MIDC, TTC Indl. Area. The details ofthe constructions as per the drawing submitted by you are as mapped under your BPAMS application. The plot area of the co. is **39,980.00 Sq mtr.** and the proposed built up area is **39,397.44 Sq. Mtr** (as mentioned in the Scrutiny report). The height of the tallest proposed structure is **46.80 mtr.** The area wise details of each floor are as under:-

Building : 1 (MAIN BUILDING) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Basement Parking...	0.000	0.000	24.940	46.670	5.910
Ground Floor...	10897.985	0.000	293.180	124.390	4142.790
Mezzanine @ Grou...	839.518	0.000	67.330	0.000	17.650
First Floor...	10949.987	0.000	294.220	124.390	2005.300
Mezzanine @ 1 Fl...	839.518	0.000	67.330	0.000	17.650
Second Floor...	10938.172	0.000	294.220	124.390	2017.120
Mezzanine @ 2 Fl...	839.518	0.000	67.330	0.000	17.650
Third Floor...	2164.130	5163.110	120.550	65.400	1620.750
Fourth Floor...	61.326	0.000	24.570	4.090	2.120
Fifth Floor...	61.326	0.000	24.570	4.090	2.120
Terrace Floor...	0.000	324.800	0.000	0.000	2.120
Total :	37591.48	5487.91	1278.24	493.42	9851.18

Building : 3 (GUARD ROOM) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Ground Floor...	177.272	0.000	0.000	0.000	0.000
Total :	177.27	0.00	0.00	0.00	0.00

Building : 2 (SUBSTATION) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Basement Parking...	0.000	0.000	23.900	0.000	0.000
Ground Floor...	829.400	0.000	40.380	0.000	0.000
First Floor...	621.010	0.000	41.360	0.000	0.000
Terrace Floor...	0.000	621.010	0.000	0.000	0.000
Total :	1450.41	621.01	105.64	0.00	0.00

Building : 4 (GATE HOUSE) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				

Ground Floor...	64.805	0.000	0.000	0.000	0.000
Total :	64.81	0.00	0.00	0.00	0.00

Building : 5 (PUMPROOM NO.01) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Ground Floor...	55.512	0.000	0.000	0.000	0.000
Total :	55.51	0.00	0.00	0.00	0.00

Building : 6 (PUMPROOM NO.02) (Table 3b-2)

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Ground Floor...	57.960	0.000	0.000	0.000	0.000
Total :	57.96	0.00	0.00	0.00	0.00

The occupant load should not exceed in any case as prescribed in Table –3 of NBC 2016 Part IV.

This N.O.C. is valid subject to fulfillment of the following conditions:

- The plans of the proposed Construction of building adhering to the D.C. Rules of MIDC & National Building Code-2016 where necessary) should be approved by The Executive Engineer, MIDC Mahape Division-II (Special Planning Authority).**
- The drainage completion certificate & Occupation certificate should be obtained from The Executive Engineer, MIDC Mahape Division-II. The B.C.C. & D.C.C. shall be issued subject to “Final NO-Objection Certificate” from fire department.**
- Under Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006 (hereinafter referred to as “said Act”) The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.**
- As per the provision as under: - 10 of the said Act.** No person other than the License Agency shall carry out the work of providing Fire Prevention and Life Safety Measures or performing. Such other related activities required to be carried out in any place or building or part thereof: A list of License Agency is available on Maharashtra Fire Services website www.mahafireservice.gov.in.
No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance.
- Under Section 11 of the said Act,** the fire service fees shall be assessed and the same shall be payable after serving the notice to that effect or prior to issue of the building completion certificate or occupancy certificate whichever is earlier.
- Under Section 45 of the said Act,** the owner/occupier or developer shall appoint Fire Officer/Officers and staff for taking adequate Fire and Life Safety Measures, qualifications and experience of such persons be got approved from the Chief Fire Officer & Fire Advisor, MIDC Fire Services.
- Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.
- Proper roads in the premises should be provided for easy mobility of the Fire Brigade Appliance & Marginal spaces around the building should be kept free from obstructions & open to sky at all the time. Minimum marginal spaces should be confirming with **Table No.10 of D.C. Rules of MIDC, 2009.** The load bearing capacity of internal roads shall not be less than **45 Tons.**
- All portable firefighting equipment's installed at various locations as per local hazard such as Co2-DCP, Foam as per **IS: 15683**, & it must be strictly confirming to relevant IS specification. It is recommended for every 100 Sq. Meter one fire extinguisher should be provided for electrical installation Co2 extinguisher of 4.5

- Kg should be provided.
10. All the firefighting equipment shall be well maintained and should be easily accessible in case of emergency.
 11. Emergency Telephone numbers like **“Police”, “Fire Brigade”, “Hospital”, “Doctors”,** and **“Responsible persons of the office”** should be displayed in Fire Control Room, Security Office and in Reception area.
 12. It shall be ensured that security staff & every employee of the office, security are trained in handling **firefighting equipment & in firefighting.**
 13. The Fire Exit Drill or Evacuation Drill should be plan and instruction should be given to the staff minimum **four times in a year** and drill should be carried out **twice in a year.**
 14. Cautionary boards such as **"DANGER", "NO SMOKING", "EXIT", "FIRE ESCAPE", "EXTINGUISHER", "FIRE HYDRANT"** etc. should be displayed on the strategic location to guide the occupants in case of emergency. The signs should be of florescent type and should glow in dark.
 15. **“On-Site” & “Off-Site”** emergency plan shall be prepared & mock drills shall be conducted twice a year & instructions to every employee shall be given once in three months.
 16. The use of combustible surface finishes on walls (including facade of the building) and ceiling affects the safety of the occupants of the building. Such finishes tend to spread the fire and even though the structural elements may be adequately fire resistant, serious danger to life may result. It is therefore, essential to have adequate precautions to minimize spread of flame on wall, façade of building and ceiling surfaces.
 17. The finishing materials used for various purposes and décor shall be such that it shall not generate toxic fumes / smoke.
 18. Automatic smoke venting facilities shall be provided for safe use of exits in windowless buildings.
 19. Natural draft smoke venting shall utilize roof vents in walls at or near the ceiling level, such vents shall be normally open, or, if closed, shall be designed for automatic opening in case of fire, by release of smoke sensitive devices.
 20. Where smoke venting facilities are installed for purposes of exit safety, these shall be adequate to prevent dangerous accumulation of smoke during the period of time necessary to evacuate the area served, using available exit facilities with a margin of safety to allow for unforeseen contingencies.
 21. The fluorescent glow signs like **“Staircase”, “Extinguisher”, “Fire Escape” “Hydrant Point”, Manual Call Point” “Exit”, “Lift”** shall be installed on strategic locations in all common areas of the building like passages, Corridors etc.
 22. Fire evacuation orders & exit map shall be provided in every floor & in lobbies of the buildings.
 23. LPG banks should not be stored on upper floor for cooking etc. The kitchen for commercial purpose on uppers floors is not permitted.
 24. The Glassing and facade other Glasses should have at least one hour fire resistance and should be UL approved and in accordance with NFPA requirements.
 25. The glass faced should be protected with coating film so that in case of breaking of glass the glass can remain in it's place for some hours before replacement. This will reduce the risk of injuries to occupants and fire & rescue personal. In the event of blast the shock wave created which creates the damage to glass faced the use of film will help to reduce the damages due to glass breaking.
 26. This being a very special type of building if any additional recommendations to be added or deleted depending upon the need of the fire safety requirement of buildings.
 27. The Chief Fire Officer & Fire Advisor, M.I.D.C. reserves all right to modify the fire safety recommendations and it shall be responsibility of company authorities to maintained close liaison with fire department.
 28. **A high rise building during construction shall be provided with the following fire protection measures, which shall be maintained in good working condition at all times:**
 29. **Dry riser of minimum 100 m.m. dia. Pipe with hydrant outlets on the floors constructed with a fire service inlet.**

30. The use of combustible surface finishes on walls (including facade of the building) and ceiling affects the safety of the occupants of the building. Such finishes tend to spread the fire and even though the structural elements may be adequately fire resistant, serious danger to life may result. It is therefore, essential to have adequate precautions to minimize spread of flame on wall, façade of building and ceiling surfaces.
31. The finishing materials used for various purposes and décor shall be such that it shall not generate toxic fumes / smoke.
32. Automatic smoke venting facilities shall be provided for safe use of exits in windowless buildings.
33. Natural draft smoke venting shall utilize roof vents in walls at or near the ceiling level, such vents shall be normally open, or, if closed, shall be designed for automatic opening in case of fire, by release of smoke sensitive devices.
34. Where smoke venting facilities are installed for purposes of exit safety, these shall be adequate to prevent dangerous accumulation of smoke during the period of time necessary to evacuate the area served, using available exit facilities with a margin of safety to allow for unforeseen contingencies.
35. If the building or part of building is Sub-leased, sold to some other company then the prospective buyer / sub-leased must obtain "No – Objection Certificate" form this office before occupying the building / floors. You are hereby informed to incorporate suitable clause to that effect in sub-leases agreement or agreement for sale.
36. Pressurization should be provided to the all the staircases and Lift Shaft's & Lift lobbies of the building. The mechanism for the pressurization shall act automatically with the fire alarm/ sprinkler system and it shall be possible to operate this mechanically also.
37. The Final NOC for the above building will be issued after satisfactory installation of Fire Prevention & Fire Protection arrangement. This building should not be occupied without obtaining Final NOC from this Dept. & OC from the SPA, MIDC, failing which you will be solely responsible for the consequences, if any.

Standard Specifications and Regulations to be followed: -

- a. D.C. Rules of MIDC & Part-3 & 4 National Building Code: 2016,
- b. **IS: 3844** – for installation and maintenance of internal fire hydrants and hose reels on premises.
- c. **IS: 2189** – for selection, installation and maintenance of automatic fire detection and alarm system.
- d. **IS: 15683** – for selection, installation and maintenance of portable first aid fire extinguishers.
- e. IS : 9583 : 1981 Emergency lighting units.
- f. IS 12456 : 1988 Code of practice for fire protection of electronic data processing installation.
- g. IS 4963 : 1987 Recommendations for buildings and facilities for physically handicapped.
- h. IS 3614 (Part I) :1966 Specification for fire check doors.

Other Important Codes & Standards:-

1. **Code of practice for Fire Safety Buildings IS-1642 – for Details of Construction.**
2. **Code of Practice of Fire Safety of Buildings IS-1643– Exposure Hazard.**
3. **Code of Practice of Fire Safety of Buildings IS-1644 – Exit requirement and Personal Hazard.**
4. **IS : 15105 – Design and installation of fixed automatic sprinkler fire extinguishing system.**
5. **IS 9668: 1990 Code of practice for provision and maintenance of water supplies and firefighting.**
6. **IS 2175 : 1988 Specification for heat sensitive fire detectors for use in automatic fire alarm system.**
7. **IS 11360 : 1985 Specification for smoke detectors for use in automatic electrical fire alarm system.**
8. **IS 9457 : 1980 Safety colors and safety signs.**

9. **IS 12349 : 1988 Fire protection – Safety sign**
 10. **IS 12407 : Graphic symbols for fire protection plan.**

FIRE PREVENTION

Passive Fire protection required.

Requirement and Provision: - The following passive fire protection systems will have to be followed and installed for the Life Safety of the building as per Part 3 & 4 of National Building Code 2005:-

Sr. No.	Clause Number	Description.
1.	Clause NO: 3.3.1 & 3.3.2	Fire Test General Requirement: Element / Component shall have the requisite fire resistance performance when tested in accordance with the accepted standards.
2.	Clause NO: C-9	Compartmentation: The building shall be suitably compartmentalized so that the fire & smoke remain confined to the area where the fire incident has occurred & does not spread to other part of the building.
3.	Clause NO: 4.10.5	Smoke Extraction System: The exhaust system may be continued, provided the construction of the ductwork & fans is such that it will not be rendered inoperable by hot gases & smoke & there is no danger of spread of smoke to other floors via the path of extraction system.
4.	Clause NO: 3.4.12.3	Smoke management: Where smoke venting facilities are installed for the purpose of exit safety these shall be adequate to prevent dangerous accumulation of smoke during the period of time necessary to evacuate the area served using available exit facilities, with margin of safety to allow for unforeseen contingencies.
5.	Clause NO: C-1.17	Fire rated ducts: Where the ducts passes through fire walls, the opening around the duct shall be sealed with fire resisting materials having the fire resistant rating of the compartment. Where the duct crosses the compartment which is fire rated for same fire rating. Depending on the services passing around the duct work, which may be affected in case of fire temperatures rising, the ducts shall be insulated
6.	Clause NO: C-1.12 a	Cable ducts: The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every floor with non-combustible material having the same fire resistance as the fire rating of the duct.
7.	Clause NO: C-1.12 e	Fire rated ceilings: The exhaust system may be continued, provided the construction of the ductwork & fans is such that it will not be rendered inoperable by hot gases & smoke & there is no danger of spread of smoke to other floors via the path of extraction system.
8.	Clause NO: 3.3.3	Steel protection: Load bearing steel beams & columns of building having total covered area of 500Sq.Mtrs. and above shall be protected against failure collapse of structure in case of fire. This could be achieved by using appropriate methodology using suitable fire rated materials as per the accepted standards.
9.	Clause NO: 4.13	Fire escape enclosure: Fire towers shall be constructed of walls with a 2 hours fire rating without openings other than the exit doorway, with platforms, landings & balconies with the same fire rating of 2 Hours.
10.	Clause NO: C-1.4	Glazing: If glazing or glass bricks are used in a stair case shall have fire rating of minimum 2 hours.
11.	Clause NO: 3.4.19	Glazing: If glass is used as a façade for building it shall have minimum 1 hour fire rating.
12.	Clause NO: 3.4.8.3	Fire stopping: Every vertical opening between the floors of a building shall be suitably enclosed or protected as necessary to provide reasonable safety to the occupants while using the means of egress by preventing spread of fire, smoke or fumes through vertical openings from floor to floor, which will allow the occupants to complete their safe use of means of egress.

13.	Clause NO: 3.4.8.4	Fire Stopping: Openings in the walls or floors which are provided for the passage of all building services like cables, electrical wiring & telephone cables etc. Shall be protected by the enclosure in the form of Ducts/shafts with a fire resistance of not less than 2 Hours.
14.	Clause NO: C-1.9	Fire stopping service ducts & shafts: Service ducts & shafts shall be enclosed by walls of 2 hours & doors of 1 hour fire rating. All such ducts/shafts shall be properly sealed & fire stopped at all floors.
15.	Clause NO: C-1.12	Fire stopping cable ducts penetration: The electrical distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every floor with non-combustible materials having the same fire resistance as the fire rating of the cable duct.

REQUIREMENT AND PROVISION:- The following Fire Protection System is required for the fire safety of the Data Center building:-

Sr. No.	Fire Fighting Installation	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required in all buildings on each floor.	IS: 15683 & 2190.	Portable Fire Extinguisher should be installed confirming to IS 15683 & other I.S. codes
2.	Hose Reel	Required at prominent places.	At Various strategic Locations.	On each floor in the Staircase landing for Fire Fighting. The first aid hose reel shall be connected directly to riser/down comer main and diameter of the hose reel shall not be less than 19mm confirming to <u>IS 884:1985</u>
3.	Wet Risers & Down Comers	Required in entire Bldg.	In all staircases & fire escape staircases	Required to provide in the Staircase and Fire Escape Staircase. Landing of Valve should be installed confirming to IS:5290.
4.	Yard Hydrant or Ring hydrant system around the building.	Required around the proposed building.	Fire Brigade Inlet connection should be provided. Hydrant points should be provided with 2 Nos. of Delivery Hose confirming to IS-636 along with Standard Branch (Universal) confirming to IS-2871. The distance between 2 Hydrants should not be more than 30 Mtrs. <u>The guidelines should be followed as per IS 3844:1989 & IS 13039:2012.</u>	
5.	Manually Operated Fire Alarm System	Required in entire building	At every floor on strategic location	Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply.
6.	Underground Static Storage Tank	Required 3,00,000 liters		This water storage should be exclusively for Fire Fighting.
7.	Terrace Level Tank	Required 20,000 Ltrs.		For wet riser cum down comer. On each terrace of building
8.	Fire Pump	2 No. 4500 lpm electrical driven main pumps 1 No. 4500 lpm Diesel driven stand by pump 2 No. 180 lpm electric driven jockey pump 900 lpm electric driven Booster Pump on terrace tank.		Fire Fighting pumps shall be well maintained. A separate arrangement of pumping should be done for sprinkler system. All the fire pumps must be centrifugal pumps only. Booster pump should be provided on terrace.
		- One set of pumps shall be provided for each 100 hydrants or part thereof, with a maximum of two sets. In case of more than one pump set installation, both pump sets shall be interconnected at their delivery headers - Lower levels in these high rise buildings are likely to experience high pressure and therefore, it is recommended to consider multi-stage, multi-outlet pumps (creating pressure zones) or variable frequency drive pumps or any other equivalent		

9.	Automatic smoke Detection System & Fire alarm system.	Required in entire building at all floors (If false ceiling voids exceeding 800mm of height above false Detection System should be provided)	Standards and guidelines given in IS-11360-1985 specification for Smoke Detectors for use in Automatic Electrical Fire Alarm system & IS 2189:2008 Selection, Installation and Maintenance of Automatic Fire-Detection and Alarm System should be followed.
10.	Automatic Sprinkler system.	Required in entire building at all floors and Fire Pump Room (If false ceiling voids exceeding 800mm of height above false ceiling sprinkler should be provided)	Separate Pumping arrangement should be provided for the Sprinkler system. Guidelines are given in IS 15105 Design and installation of Fixed Automatic sprinkler fire Extinguishing system
11.	Fire Doors	Required for all staircases. it should be self-closing type.	Fire Doors of 2 hrs. Fire Resistance Rating should be provided in all buildings at the entrance of all the staircases on all floors. Certification from the Competent Authority shall be obtained & submitted to this office for record.
12.	Manual Call Point	Required in all building.	Manual Call Point should be provided at prominent places in all buildings
13.	Emergency Lights	Required in escape routes.	For speedy evacuation in case of emergency. With alternate power backup.
14.	Gas Flooding System	Required	Shall be provided Data Centre and Server Rooms
15.	PA System with Talk Back Facility	Required	To guide the occupants in case of emergency.
16.	Auto D.G. Backup	Required	Required for all fire safety systems.
17.	Pressurization	Required	In all staircase, Lobbies & Lift shaft in entire Bldg.
18.	Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places.	Sign indicators should provide at prominent places as per the guidelines given in IS:9457 for Safety colour and Safety IS:12349 for Fire Protection Safety Signs IS: 12407 for Graphics symbols for Fire Protection Plan.
19.	Fire Brigade Connection- For Static Water Tank and For Hydrant System		Required at the Main Gate and on fire water tank

Guidelines for Refuge Area:-

Refuge Area: Horizontal Exits/Refuge Area :-

A horizontal exit shall be through a fire door of 120 min rating in a fire resistance wall. Horizontal exit require separation with the refuge area or adjoining compartment through 120 min fire barrier. The adjoining compartment of the horizontal exit should allow unlocked and ease of egress and exits for the occupants using defend in place strategy.

- Requirements of horizontal exits are as under:
 - a) Width of horizontal exit doorway shall be suitable to meet the occupant load factor for egress.
 - b) Doors in horizontal exits shall be openable at all times from both sides.
 - c) All doors shall swing in the direction of exit travel. For horizontal exits, if a double leaf door is used, the right hand door leaf shall swing in the direction of exit travel.
 - d) Refuge area shall be provided in buildings of height more than 24 m. Refuge area provided shall be planned to accommodate the occupants of two consecutive floors (this shall consider occupants of the floor where refuge is provided and occupants of floor above) by considering area of 0.3 m² per person for the calculated number of occupants and shall include additionally to accommodate one wheelchair space of an area of 0.9m² for every 200 occupants, portion thereof, based on the occupant load served by the area of refuge or a minimum of 15 m², whichever is higher, shall be provided as under:
 - 1) The refuge area shall be provided on the periphery of the floor and open to air at least on one side protected with suitable railings.
 - 2) Refuge area(s) shall be provided at/or immediately above 24 m and thereafter at

every 15 m or so.

The above refuge area requirement for D-6 occupancy requirement shall however be in accordance with 6.4.2.2.

- e) A prominent sign bearing the words 'REFUGE AREA' shall be installed at entry of the refuge area, having height of letters of minimum 75 mm and also containing information about the location of refuge areas on the floors above and below this floor. The same signage shall also be conspicuously located within the refuge area.
- f) Each refuge area shall be ventilated and provided with first aid box, fire extinguishers, public address speaker, fire man talk back, and adequate emergency lighting as well as drinking water facility.
- g) Refuge areas shall be approachable from the space they serve by an accessible means of egress.
- h) Refuge areas shall connect to firefighting shaft (comprising fireman's lift, lobby and staircase) without having the occupants requiring to return to the building spaces through which travel to the area of refuge occurred.
- i) The refuge area shall always be kept clear. No storage of combustible products and materials, electrical and mechanical equipment, etc. shall be allowed in such areas.
- j) Refuge area shall be provided with adequate drainage facility to maintain efficient storm water disposal.
- k) Entire refuge area shall be provided with sprinklers.
- l) Where there is difference in level between connected areas for horizontal exits, ramps of slope not steeper than 1 in 12 shall be provided (and steps should be avoided).

NOTE – Refuge area provided in excess of the requirements shall be counted towards FAR.

High rise apartment buildings with apartments having balcony, need not be provided with refuge area; however apartment buildings without balcony shall provide refuge area as given above. Refuge area for apartment buildings of height above 60 m while having balconies shall be provided at 60 m and thereafter at every 30 m. The refuge area shall be an area equivalent to 0.3 m² per person for accommodating occupants of two consecutive floors, where occupant load shall be derived on basis of 12.5 m² of gross floor area and additionally 0.9 m² for accommodating wheel chair requirement or shall be 15 m², whichever is higher.

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2016:

- a) Stairways shall be constructed of non-combustible materials throughout. Hollow combustible construction shall not be permitted. Width of Staircase should be **1.5 M.**
- b) **No Gas piping shall be laid down in the stairway.**
- c) Internal staircase shall be constructed as a self-contained unit with at least one side adjacent to an external walls and shall be completely enclosed.
- d) Internal staircase shall not be arranged around lift shaft unless the later is entirely enclosed by material of fire resistance rating as that for type of construction itself.
- e) The access to main staircase shall be gained through at least half-an-hour fire resisting automatic closing doors, placed in the enclosing walls of the staircase. They shall be swing type doors opening in the direction of the escape.
- f) No living space, store or other space, involving fire risk, shall open directly in to staircase.
- g) The external exit door of a staircase enclosure at ground level shall open directly to the open space or should be accessible without passing through any door other than a door provided to form a draught lobby.
- h) The exit signs with arrows indicating the escape routes shall be provided at a height of 1.5 m. from the floor level on the wall and shall painted with fluorescent paint. All exit signs should be flush with the wall and so designed that no mechanical damage to them can result from the removing furniture, material or any other equipment.
- i) **Exits shall be so located that it will not be necessary to travel more than 30 Mtrs. from any point to reach the nearest exit.**

Staircase Design requirement:

1. The minimum headroom in a passage under the landing of a staircase and under

- the staircases shall be **2.2 Mtrs.**
2. Access to main staircase shall be through a fire / smoke check door of a minimum 2 hours fire resistance rating.
 3. No living space, store or other fire risk shall open directly in to the staircases. The main and external staircases shall be continuous from ground floor to the terrace level.
 4. No electrical shafts, A/c ducts or gas pipe etc. shall pass through or open in the staircases. Lifts shall not open in staircases.
 5. The width of the staircase shall not be less than **1.5 Mtrs.**
 6. **All the staircases shall be provided with mechanical Pressurization devices, which will inject the air in to staircase, lobbies or corridors to raise their pressure slightly above the pressure in adjacent parts of the building so the entry of toxic gases or smoke in to the escape routes is prevented.**

Staircase Enclosures:-

1. The external enclosing walls of the staircase shall be of the brick or the RCC construction having the fire resistance of not less than two hours. All enclosed staircases shall have access through self-closing door of one hour fire resistance. These shall be single swing doors opening in the direction of escape. The door shall be fitted with the check action door closers.
2. The staircase enclosures on the external wall of the building shall be ventilated to the atmosphere at each landing.
3. Permanent vent at the top equal to the 5% of the cross section area of the enclosure and openable sashes at each floor level with area equal to 1 to 15 % of the cross sectional area of the enclosure on external shall be provided. The roof of the shaft shall be at least 1 meter above the surrounding roof. There shall be no glazing or the glass bricks in any internal closing wall of staircase. If the staircase is in the core of the building and cannot be ventilated at each landing a positive pressure of 5 mm w.g. by an electrically operated blower/ blowers shall be maintained.
4. The mechanism for pressurizing the staircase shaft shall be so installed that the same shall operate automatically on fire alarm system/ sprinkler system and be provided with manual operation facilities.

FIRE ESCAPE: (ENCLOSED TYPE) SHALL COMPLY THE FOLLOWING: -

1. **Travel Distance should be maintained as per the guidelines given in D.C. Rules of MIDC. Exits and staircase guidelines should be followed as per MIDC's DC Rules and National Building Code-2016.**
2. **Fire escape constructed of M.S. angles, wood or glass is not permitted.**
3. **Opening of the Fire Escape Staircase should be from outside.**
4. Fire Escape staircase should be enclosed type. These should always be kept in sound operable condition .
5. Fire Escape Staircase shall be directly connected to the ground.
6. Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
7. Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
8. The route to the external staircase shall be free of obstructions at all times.
9. The Fire Escape stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.
10. No Staircase, used as a fire escape, shall be inclined at an angel greater than 45⁰ from the horizontal
11. **The width of the staircase should as given in DC Rules of MIDC. The other detailed provision for exits in accordance with National building code - 2016.**
12. Fire Staircase shall have straight flight not less than **150 c.m. wide** with 20 c.m. treads and risers not more than 19 c.m. The number of risers shall be limited to 15 per flight.
13. Handrails shall be of a height not less than 100 c.m. and not exceeding 120 c.m.
14. **All the staircase doors on every floor shall be provided with two hours fire resistive doors having panic bars at both the sides.**

FIRE PROTECTION REQUIREMENTS FOR LIFTS:

(Fire Protection Requirements of Lifts in High Rise Buildings) For Building of Height 15 m and Above

Following requirements over and above those specified in 6 and 8 and in Part 4 'Fire and Life Safety' of the Code are applicable to all lifts provided in buildings having height more than 15 m:

- a) All materials of constructions in load bearing elements, stairways and corridors and facades shall be non-combustible.
- b) The interior finishing materials shall be of very low flame spread type.
- c) Walls of the lift shall have a fire rating of 120 min. The lift well shall have a vent at the top, of area not less than 0.2 m² per lift.
- d) Landing doors – Lift landing doors shall be imperforate. Collapsible doors shall not be permitted. Lift landing doors provided in the lift enclosure shall have a minimum fire resistance rating of 60 min.
- e) Lift car door – Lift car doors shall be imperforate. Collapsible car doors shall not be permitted.
- f) Telephone or other communication facilities shall be provided in the lift car and the lift main lobby. Communication system for lifts shall also be connected to the fire control room of the building if provided. For lifts for use by persons with disabilities, the facilities shall be provided in accordance with 13 of Part 3 'Development Control Rules and General Building Requirements' of the Code.
- g) Photo luminescent safety signs shall be posted and maintained on every floor at or near the lift indicating that in case of fire, occupants shall use the stairs unless instructed otherwise. The sign shall have the plan of the respective floor showing location of the stairways. The plan shall also indicate the direction to and maintained on every floor of buildings open to and used by the public shall comply with the requirements of accessible signage given in 13 of Part 3 'Development Control Rules and General Building Requirements' of the Code.
- h) All lifts (fireman's lifts/non fireman's lifts) shall be provided with Phase I operation and per 7.1.1(k)(x) (grounding operation).
- j) The grounding operation may be initiated by individual switches for lifts or a common switch for a group of lifts or by a signal from fire alarm system of the building if available.
- k) Fireman lift – The fireman's lift is provided in a building for the purpose of aiding firefighters in evacuating trapped persons in the building and to take a equipments for fighting fire to upper levels with minimum delay. Some lifts out of all the lifts shall be identified as fireman's lifts.

The number of required fireman's lifts and their locations in a building will vary depending on the size, design, complexity of the building. Some considerations are as follows:

- 1) There shall be at least one fireman's lift per building.
- 2) If there are multiple wings in the building, there shall be at least one fireman's lift per wing.
- 3) If there are multiple banks of lifts in the building there shall be at least one fireman's lift per bank of lift.
- 4) If the building height is up to 60 m and it is zoned height-wise and it does not have single fireman's lift serving every floor of the building, then there shall be at least one fireman's lift per zone which shall serve the main level/fire access level and shall serve all the landings in the respective zone.
- 5) If the building height is more than 60 m and it does not have any single fireman's lift serving all the floors, that is, it has all lifts serving only respective zones, the fireman's lift shall be provided in each zone separately, serving all landings in respective zone, with transfer landing transferring from one zone to another.

Considering all the above, the fireman's lift(s) shall be identified on the building plan and duly displayed in Fire Command Centre.

To be effective in firefighting operation, the fireman's lift shall have following requirements:

- i) The fireman's lift may be used by the occupants in normal times.
- ii) The fireman's lift shall be provided with a fireman's switch. The switch shall be a two position (ON/OFF) switch fixed at the evacuation floor (normally main entrance floor) for enabling the lift to be put into fireman's mode. The switch shall be situated in a glass-fronted box with suitable label and fixed adjacent to the lift at the entrance level. When the switch is on, landing call-

points shall become inoperative and the lift shall be on the car control only or on a priority control device. When the switch is off, the lift will return to normal working.

- iii) The fireman's lift shall be provided with an audio and visual signal in the car.
- iv) The fireman's lift shall have a floor area of minimum 1.43 m². It shall have loading capacity of not less than 544 kg (8 persons lift).
- v) The fireman's lift shall be provided with power operated (automatic) doors of minimum 0.8 m width.
- vi) The speed of the fireman's lift shall be 1.0 m/s or more such that it can reach the top floor from main floor/ firefighting access level within 1 min. In case the building is zoned, the fireman's lift shall operate from the lowest served landing to the topmost served landing in 1 min.
- vii) Reliable alternative source of power supply should be provided for all fireman lifts through a manually/automatically operated changeover switch. The route of wiring shall be safe from fire.
- viii) Suitable arrangements such as providing slope in the floor of lift lobby shall be made at all the landings to prevent water used during firefighting from entering the lift shafts.
- ix) The words 'Fireman Lift' shall be conspicuously displayed in fluorescent paint on the lift landing.
- x) Operational requirement of fireman's lift- The lift shall be provided with the following operational control, Phase I and Phase II.

Phase I – Return to evacuation floor –

- Shall start when the fireman's switch at the evacuation floor is turned to the 'ON' position or the signal from smoke detector (if provided by the Building Management System) is on. All lifts controlled by this switch shall cancel all existing car calls and separate from landing calls and no landing or car calls shall be registered. The audio and visual signal shall be turned on. All heat and smoke sensitive door reopening devices shall be rendered inoperative.
- If the lift is travelling towards the evacuation floor, it shall continue driving to that floor.
- If the lift is travelling away from the evacuation floor, it shall reverse its direction at the nearest possible floor without opening its door and return non-stop to the evacuation floor.
- If the lift is standing at a floor other than the evacuation floor, it shall close the doors and start travelling non-stop to the evacuation floor.
- When at the evacuation floor, the lift shall park with doors open.
- The continuous audio signal is turned off after this return drive.

Note – If the building is designed for alternative evacuation floor, in case of fire at main floor the lifts shall park at the alternative evacuation floor with doors open.

Phase II – Operation of the lift shall be as defined below –

- The phase 2 is started after phase 1, if the fireman's switch is 'ON'.
- If the lifts are grounded by the smoke detector signal, for phase II to begin it shall be necessary to turn the fireman's switch 'ON'.
- The lift does not respond to landing call but registered car calls. All heat and smoke sensitive door reopening devices are rendering inoperative.
- When the car call button is pressed, the doors start closing. If the button is released before the doors are fully closed, they re-open. The car call is registered only when the doors are fully closed. After registering a car call the lift starts driving to the call. If more than one car call is registered, only the nearest call is answered and the remaining call will be cancelled at the fire stop.
- At the floor the doors are opened by pushing the door open button. If the button is released before the doors are fully open, they re-close.
- The lift returns to normal service when it stands at the evacuation floor with doors open and the switch is turned 'OFF' thereafter.
- The operation of fireman's lift shall be by means of a full set of push buttons in the car. Other operating systems shall be rendering inoperative.

Building of Height 60 m and above

The following requirements over and above those specified in guidelines mentioned in **Building of Height 15 m and above** are applicable to the lifts and lift enclosures provided in buildings having height more than 60 m.

- a) Fireman's lifts – Following additional requirements apply to all fireman's lifts

in the building.

- 1) The fireman's lift shall have loading capacity of not less than 1000 kg and floor area not less than 2.35 m².
 - 2) Electrical equipment within the fireman's lift well and on the car, located within 1.0 m of any wall containing a landing door, shall be protected from dripping and splashing water or provided with enclosures classified to at least IPX3 according to good practice [8-5A(9)].
 - 3) The electrical switchgear placed less than 1 m above lift pit floor shall be protected to IP 67 as per to good practice [8-5A(9)]. The socket outlet and lowest lamp shall also be located at least 0.5 m above the highest permissible water level in the pit.
 - 4) Suitable means shall be provided in the lift pit to ensure that water will not rise above the level of the fully compressed car buffer.
 - 5) Means shall be provided to prevent the water level in the pit from reaching equipment which could create a malfunction of the fireman's lift.
 - 6) Alternative source of power supply shall be provided for all fireman's lifts through automatically operated changeover electric supply, it shall automatically trip over to alternative supply. The route of wiring shall be safe from fire.
- b) There shall be Fire Command Centre (FCC) and/or Building Management System (BMS) room in the building CCTV cameras shall be fixed in the lift lobbies and the display screen(s) shall be placed in the FCC or BMS room.

FIRE FIGHTING SHAFT (FIRE TOWER) :-

- An enclosed shaft having protected area of 120 min fire resistance rating comprising protected lobby, staircase and fireman's lift, connected directly to exit discharge or through exit passageway with 120 min fire resistance wall at the level of exit discharge to exit discharge.
- These shall also serve the purpose of exit requirement / strategy for the occupants.
- The respective floors shall be approachable from fire-fighting shaft enabling the fire fighters to access the floor and also enabling the fire fighters to assist in evacuation through fireman's lift.
- The firefighting shaft shall be equipped with 120 min fire doors.
- The firefighting shaft shall be equipped with firemen talk back, wet riser and landing valve in its lobby, to fight fire by fire fighters.

Guidelines for Firefighting pump house :

The requirements shall be as given below:

- It is preferable to install the pump house at ground level. Pump house shall be situated so as to be directly accessible from the surrounding ground level.
- Pump house shall be installed not lower than the second basement. When installed in the basement, staircase with direct accessibility (or through enclosed passageway with 120 min fire rating) from the ground, shall be provided. Access to the pump room shall not require to negotiate through other occupancies within the basement.
- Pump house shall be separated by fire walls all around and doors shall be protected by fire doors (120 min rating).
- Pump house shall be well ventilated and due care shall be taken to avoid water stagnation.
- No other utility equipment shall be installed inside fire pump room.
- Insertions like flexible couplings, bellows, etc, in the suction and delivery piping shall be suitably planned and installed.
- Installation of negative suction arrangement and submersible pumps shall not be allowed.
- Pump house shall be sufficiently large to accommodate all pumps, and their accessories like PRVs, installation control valve, valves, diesel tank and electrical panel.
- Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.
- Exhaust pipe of diesel engine shall be insulated as per best engineering practice and taken to a safe location at ground level, considering the back pressure.
- Fire pumps shall be provided with soft starter or variable frequency drive starter.

Staircase and Corridor Lightings:

- a) The staircase and corridor lighting shall be on separate service and shall be independently connected so as it could be operated by one switch installation on the ground floor easily accessible to firefighting staff at any time irrespective of

- the position of the individual control of the light points, if any. It should be of miniature circuit breaker type of switch so as to avoid replacement of fuse in case of crisis.
- b) Staircase and corridor lighting shall also be connected to alternate source of supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains.
 - c) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed in the staircase and the corridor do not get connected to the sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the stand by supply.
 - d) Emergency lights shall be provided in the staircase/corridor.
 - e) All wires & other accessories used for emergency lights shall have fire retardant property.
 - f) A stand-by electric generator shall be installed to supply power to staircase and corridor lighting circuits, fire lifts, the stand-by fire pump, pressurization fans & blowers, smoke extraction and damper system in case of failure of normal electric supply. The generator shall be capable of taking starting current of all the machines & circuits stated above simultaneously. If the stand-by pump is driven by diesel engine, the generator supply need not be connected to the stand-by pump or parallel HV/LV supply from a separate substation shall be provided with appropriate transformer for emergency. If this arrangement is provided then the arrangement of generator is not mandatory.

Emergency and Escape Lighting :-

1. Emergency lighting shall be powered from a source independent of that supplying the normal lighting.
2. Escape lighting shall be capable of
 - A) Indicating clearly and unambiguously the escape routes.
 - B) Providing adequate illumination along such routes to allow safe movement of persons towards and through the exits.
 - C) Ensuring that fire alarm call points and firefighting equipment's provided along the escape routes can be readily located.
3. The horizontal luminance at floor level on the centerline of an escape route shall be not less than 10 lux. In addition, for escape routes up to 2 m wide, 50 percent of the route width shall be lit to a minimum of 5 lux.
4. The emergency lighting shall be provided to be put on within 1 s of the failure of the normal lighting supply.
5. Escape lighting luminaries should be sited to cover the following locations
 - a) Near each intersection of corridors
 - b) At each exit door
 - c) Near each change of direction in the escape route
 - d) Near each staircase so that each flight of staircase receives direct light.
 - e) Near any other change of floor level.
 - f) Outside each final exit and close to it
 - g) Near each fire alarm call point.
 - h) Near firefighting equipment, and
 - i) To illuminate exit and safety signs as required by the fire department.
6. Emergency lighting systems shall be designed to ensure that a fault or failure in any one luminaire does not further reduce the effectiveness of the system.
7. The luminaries shall be mounted as low as possible but at least 2 m above the floor level.
8. Signs are required at all exits, emergency exits and escape routes, which should comply with the graphic requirements of the relevant Indian Standard.
9. Emergency lighting luminaries and their fittings shall be of nonflammable type.
10. It is essential that the wiring and installation of the emergency lighting system are of high quality so as to ensure their perfect serviceability at all times.
11. The emergency lighting system shall be capable of continuous operation for a minimum duration of 1 hour and 30 minutes even for the smallest premises.
12. The emergency lighting system shall be well maintained by periodical inspections and tests so as to ensure their perfect serviceability at all times.

Illumination of Means of Exit :-

Staircase and corridor lights shall confirm to the following:-

- a) The staircase and corridor lighting shall be on separate circuit and shall be independently connected so that it could be operated by one switch installation on the ground floor easily accessible to firefighting staff at any time irrespective of the position of the individual control of the light points, if any. It should be of miniature circuit breaker type of switch so as to avoid replacement of fuse in case of crises.
- b) Staircase and corridor lighting shall also be connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains; and
- c) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed in the staircase and the corridor does not get connected to two sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the supply.

Exit Requirement:

1. An exit may be doorway, corridor, Passageway(s) to an internal staircase, or external staircase, or to a verandah or terrace(s), which have access to the street, or to the roof of a building or a refuge area. An exit may also include a horizontal exit landing to an adjoining building at the same level.
2. Every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.
3. Exits shall be clearly visible and the route to reach the exits shall be clearly marked and signs posted to guide the occupants of the floor concerned. Signs shall be illuminated and wired to an independent electric circuit on an alternative source of supply.
4. To prevent spread of fire and smoke, fire doors with 2 hours fire resistance shall be provided at appropriate places along the escape routes and particularly at the entrance to lift lobby and stair well where a 'funnel or flue effect' may be created inducing an upward spread of fire.
5. All exits shall provide continuous means of egress to the exterior of a building or to an exterior open spaces leading to the street.
6. Exits shall be so arranged that they may be reached without passing through another occupied unit.

Glass Facade

1. If the glass cladding is used / provided to the building the glass used for the cladding must be toughened glass.
2. The use of combustible surface finishes on walls (including facade of the building) and ceiling affects the safety of the occupants of the building. Such finishes tend to spread the fire and even though the structural elements may be adequately fire resistant, serious danger to life may result. It is therefore, essential to have adequate precautions to minimize spread of flame on wall, façade of building and ceiling surfaces.
3. The finishing materials used for various purposes and décor shall be such that it shall not generate toxic fumes / smoke.
4. Automatic smoke venting facilities shall be provided for safe use of exits in windowless buildings.
5. Natural draft smoke venting shall utilize roof vents in walls at or near the ceiling level, such vents shall be normally open, or, if closed, shall be designed for automatic opening in case of fire, by release of smoke sensitive devices.
6. **Where smoke venting facilities are installed for purposes of exit safety, these shall be adequate to prevent dangerous accumulation of smoke during the period of time necessary to evacuate the area served, using available exit facilities with a margin of safety to allow for unforeseen contingencies.**

GLAZING:-

The glazing shall be in accordance with Part 6 'Structural Design, Section 8 Glass and Glazing' of the Code. The entire glazing assembly shall be rated to that type of construction as given in Table 1. This shall be applicable along with other provisions of this Part related to respective uses as specified therein. The use of glass shall not be permitted for enclosures of exits and exit passageway.

Glass facade shall be in accordance with the following:

- a) For fully sprinklered building having fire separation of 9 m or more, tempered glass in a non-combustible assembly, with ability to hold the glass in place, shall be provided. It shall be ensured that sprinklers are located within 600 mm of the glass facade providing full coverage to the glass.
NOTE- In case of all other buildings, fire resistance rating of glass facade shall be in accordance with Table 1.
- b) All gaps between floor-slabs and facade assembly shall be sealed at all levels by approved fire resistance sealant material of equal rating as that of floor slab to prevent fire and smoke propagation from one floor to another.
- c) Openable panels shall be provided on each floor and shall be spaced not more than 10 m apart measured along the external wall from centre-to-centre of the access openings. Such openings shall be operable at a height between 1.2 m and 1.5 m from the floor, and shall be in the form of openable panels (fire access panels) of size not less than 1000 mm X 100 mm opening outwards. The wordings, **'FIRE OPENABLE PANEL OPEN IN CASE OF FIRE, DO NOT OBSTRUCT'** of at least 25 mm letter height shall be marked on the internal side. Such panel shall be suitably distributed on each floor based on occupant concentration. These shall not be limited to cubicle areas and shall be also located in common areas/corridors to facilitate access by the building occupants and fire personnel for smoke exhaust in times of distress.

BASEMENT

- a) Basement exits shall be sufficient to provide for the capacity of the basement as determined in accordance with 4.4.2.1. of NBC-2016 Part IV. In no case shall there be less than two independent basement exits.
- b) Basements having incidental occupancies to main occupancy shall be planned with exit requirements of the basements for the actual occupancy within the basement.
- c) Where basement is used for car parking and also there is direct approach from any occupancy above to the basement, door openings leading to the basement shall need to be protected with fire doors with 120 min fire rating, except for exit discharge doors from the basements.

Guide Line for Basement:- BASEMENT PROVISION :

- The basement shall not be used for residential purposes.
- The provisions specified under the Development Control Rules should be followed.
- The basement to be constructed within the building envelope and subject to maximum coverage on floor 1 (entrance floor) may be put to only the following uses:
 - a. Storage of household or other goods of ordinarily non-combustible material;
 - b) Strong rooms, bank cellars, etc;
 - c) Air-conditioning equipment and other machines used for services and utilities of the building; and
 - d) Parking spaces.

The basement shall have the following requirements:-

- a) Every basement shall be in every part at least 2.4 m in height from the floor to the underside of the roof slab or ceiling;
- b) Adequate ventilation shall be provided for the basement. The ventilation requirements shall be the same as required by the particular occupancy according to byelaws. Any deficiency may be met by providing adequate mechanical ventilation in the form of blowers, exhaust fans air-conditioning systems, etc;
- c) The minimum height of the ceiling of any basement shall be 0.9 m and the maximum 1.2 m above the average surrounding ground level.
- d) Adequate arrangements shall be made such that surface drainage does not enter the basement.
- e) **Automatic Sprinkler system should be provided for the Basement area.**
- f) **Dewatering system should be provided for the Basement.**
- g) **Fire Doors should be provided for the Basement opening.**
- h) **Separate Ramp should be provided for IN and OUT entry.**
- i) For the protection of basement automatic sprinkler system should be

- provided for entire basement.
- j) De-watering arrangement should be made in the basement. Separate dedicated dewatering pumps shall be provided..
- k) The Sprinkler pump should be separate and should be interlink with wet riser
- l) The basement should be provided with two exits, diagonally opposite to each other
- m) The staircase should have at least four-hour fire resistance. The stair case provided for the upper floors shall not communicate to the basement. Separate staircase with separate entry from ground floor shall be provided for basement.
- n) The basement should be used only for storage of non-hazardous goods and for A.C. equipments and other utility machines (Excluding Transformers)
- o) The alternate power supply should be provided for the basement.
- p) Proper Mechanical ventilation should be provided to basement.
- q) **The Ramp should not be constructed in marginal space. And width of ramp shall not be less than 3.5 Mtrs.**

The walls and floors of the basement shall be watertight and be so designed that the effects of the surrounding soil and moisture, if any, are taken into account in design and adequate damp proofing treatment is given; and The access to the basement shall be separate from the main and alternative staircase providing access and exit from higher floors. Where the staircase is continuous in the case of buildings served by more than one staircase, the same shall be of enclosed type serving as a fire separation from the basement floor and higher floors.

C-1.6 2 The staircase of basements shall be of enclosed type having fire resistance of not less than 2 h and shall be situated at the periphery of the basement to be entered at ground level only from the open air and in such positions that smoke from any fire in the basement shall not obstruct any exit serving the ground and upper stores of the building and shall communicate with basement through a lobby provided with fire resisting self closing doors of 1 h resistance. **For travel distance see 4.5 If the travel distance exceeds as given in Table 21, additional staircases shall be provided at proper places.**

C-1.6.3 In multistory basements, intake ducts may serve all basement levels, but each basement levels and basement compartment shall have separate smoke outlet duct or ducts. Ducts so provided shall have the same fire resistance rating as the compartment itself. Fire rating may be taken as the required smoke extraction time for smoke extraction ducts.

C-1.6.4 Mechanical extractors for smoke venting system from lower basement levels shall also be provided. The system shall be of such design as to operate on actuation of heat/smoke sensitive detectors or sprinklers, if installed, and shall have a considerably superior performance compared to the standard units. It shall also have an arrangement to start it manually.

C-1.6.4.1 Mechanical extractors shall have an internal locking arrangement, so that extractors shall continue to operate and supply fans shall stop automatically with the actuation of fire detectors.

C-1.6.4.2 Mechanical extractors shall be designed to permit 30 air changes per hour in case of fire or distress call. However, for normal operation, air changes schedule shall be as given in 3.4.11.5.

C-1.6.4.3 Mechanical extractors shall have an alternative source of supply.

C-1.6.4.4 Ventilating ducts shall be integrated with the structure and made out of brick masonry or reinforced cement concrete as far as possible and when this duct crosses the transformer area or electrical switchboard, fire dampers shall be provided.

ATRIUM REQUIREMENTS :-

- a) In order for an atrium to be permitted in buildings, the following shall be complied:
 - 1) Atrium shall be permitted in buildings of Type 1 and Type 2 construction only.
 - 2) The use of combustible furnishing and decorations on the floor of the atrium shall be limited and sparsely distributed.
- b) Smoke detectors shall be provided on the underside of each floor protruding into the atrium, at the atrium roof and adjacent to each return air intake from the atrium. Within atrium space, beam type or aspirating type smoke detectors shall be used to ensure detection of smoke, considering factors such as

- stratification of smoke.
- c) Where the ceiling of the atrium is more than 17 m above the floor, water based protection (automatic sprinklers) at the ceiling of atrium is not required.
- d) Hydrants shall be available at the floor of the atrium and also at the adjoining upper spaces/floors of the atrium. Sprinklers are required to be installed for coverage of glass areas of retail, tenant and other areas adjoining the exit access corridor and atrium. Sprinklers shall be at a distance of 450 mm to 600 mm enabling cooling of such glass and limiting the extent of fire and smoke to the atrium (see Fig.16). This provision does not allow similar sprinkler installation arrangement to offset fire compartmentation requirements, in which case fire barrier is required as per relevant provisions of this Part.
- e) Atrium in business occupancy shall be planned with 6 air changes per hour (ACPH) while atrium in hotels and assembly occupancy shall be planned with 8 ACPH smoke extraction system. Such air changes shall be planned in atrium for a height of 15 m from the top.
- f) Smoke exhaust fans shall be capable of operating effectively at 250⁰C to 120 min.
- g) Makeup air supply points shall be located beneath the smoke layer and on the lower levels connected by the atrium.
- h) Makeup air shall be provided by fans, opening to outside to allow infiltration, or the combination thereof.
- i) It is recommended that makeup air be designed at 85 percent to 95 percent of the exhaust flow rate, not including the leakage through these small paths.
- j) The makeup air shall not cause door-opening force to exceed allowable limits.
- k) The makeup air velocity shall not exceed 1.02 m/s where the makeup air could come into contact with the plume unless a higher makeup air velocity is supported by engineering analysis.
- n) Atrium smoke management system fans shall be provided with emergency.
- o) If so required by the Authority, an engineering analysis should be performed which demonstrated that the smoke system for the atrium is designed to keep the smoke layer interface 1800 mm above the highest occupied floor level of exit access, open to the atrium, for a period equal to 1.5 times the calculated egress time or 20 min, whichever is greater.

Smoke Control of Exits :-

- a) In building design, compartmentation plays a vital part in limiting the spread of fire and smoke. The design should ensure avoidance of spread of smoke to adjacent spaces through the various leakage openings in the compartment enclosure, such as cracks, openings around pipes ducts, airflow grills and doors. In the absence of proper sealing of all these openings, smoke and toxic gases will obstruct the free movement of occupants of the building through the exits. Pressurization of staircases is of great importance for the exclusion of smoke and toxic gases from the protected exit.
- b) Pressurization is a method adopted for protecting the exits from ingress of smoke, especially in high-rise buildings. In pressurization, air is injected into the staircases, lobbies, etc., as applicable, to raise their pressure slightly above the pressure in adjacent parts of the buildings. As a result, ingress of smoke or toxic gases into the exits will be prevented. The pressurization of staircases and lift lobbies shall be adopted as given in Table 6. The pressure difference for staircases shall be 50 Pa. Pressure difference for lobbies (or corridors) shall be between 25 Pa and 30 Pa. Further, the pressure differential for enclosed staircase adjacent to such lobby (or corridors) shall be 50 Pa. For enclosed staircases adjacent to non-pressurized lobby (or corridors), the pressure differential shall be 50 Pa.

Pressurization of Staircases and Lift Lobbies
(Clause 4.4.2.5 (b) and E-2)

Sr. No.	Component	Height of Building		
		Less than 15 m	15 m to 30 m	More than 30
(1)	(2)	(3)	(4)	(5)
i)	Internal staircases not with external wall	Pressurized except for residential buildings (A-2 and A-4)	Pressurized	Pressurized
ii)	Internal staircase with external wall	Pressurized except for residential	Naturally ventilated or Pressurized	Cross-ventilated or Pressurized

		buildings (A-2 and A-4) or Naturally ventilated		
iii)	Lift lobby	Not required at ground and above. However lift lobby segregation and pressurization is required for lift commuting from ground to basement	Naturally ventilated or Pressurized ¹⁾	Cross-ventilated or Pressurized ¹⁾

NOTES :

- 1. The natural ventilation requirement of the staircase shall be, achieved through opening at each landing, of an area 0.5 m² in the external wall. A cross ventilated staircase shall have 2 such openings in opposite/adjacent walls or the same shall be cross-ventilated through the corridor.
- 2. Enclosed staircase leading to more than one basement shall be pressurized.

¹⁾ Lift lobby with fire doors (120 min) at all levels with pressurization of 25-30 PA is required. However, if lift lobby cannot be provided at any of the levels in air conditioned buildings or in internal spaces where funnel/flue effect may be created, lift hoistway shall be pressurized at 50 Pa. For building greater than 30 m, multiple point injection air inlets to maintain desired pressurization level shall be provided. If the lift lobby, lift and staircase are part of firefighting shaft, lift lobby necessary has to be pressurized in such case, unless naturally ventilated.

- c) Equipment and ductwork for staircase pressurization shall be in accordance with one of the following:
 - 1) Directly connected to the stairway by ductwork enclosed in non-combustible construction.
 - 2) If ducts used to pressurize the system are passed through shafts and grills are provided at each level, it shall be ensured that hot gases and smoke from the building cannot ingress into the staircases under any circumstances.
- d) The normal air conditioning system and the pressurization system shall be designed and interfaced to meet the requirements of emergency services. When the emergency pressurization is brought into action, the following changes in the normal air conditioning system shall be effected:
 - 1) Any re-circulation of air shall be stopped and all exhaust air vented to atmosphere.
 - 2) Any air supply to the spaces/areas other than exits shall be stopped.
 - 3) The exhaust system may be continued provided
 - i) The positions of the extraction grills permit a general air flow away from the means of egress;
 - ii) The construction of the ductwork and fans is such that, it will not be rendered inoperable by hot gases and smoke; and
 - iii) There is no danger of spread of smoke to other floors by the path of the extraction system which can be ensured by keeping the extraction fans running.
- e) For pressurized stair enclosure systems, the activation of the systems shall be initiated by signalling from fire alarm panel.
- f) Pressurization system shall be integrated and supervised with the automatic/manual fire alarm system for actuation.
- g) Wherever pressurized staircase is to be connected to unpressurized area, the two areas shall be segregated by 120 min fire resistant wall.
- h) Fresh air intake for pressurization shall be away (at least 4 m) from any of the exhaust outlets/grille.

Smoke Control:-

Smoke Exhaust and Pressurization of Areas above Ground -

Corridors in exit access (exit access corridor) are created for meeting the requirement of use, privacy and layout in various occupancies. These are most often noted in hospitality, health care occupancies and sleeping accommodations. Exit access corridors of guest rooms and indoor patient department/areas having patients lacking self-preservation and for sleeping accommodations such as apartments, custodial, penal and mental institutions, etc., shall be

provided with 60 min fire resistance wall and 20 min self-closing fire doors along with all fire stop sealing of penetrations. Smoke exhaust system having make-up air and exhaust air system or alternatively pressurization system with supply air system for these exit access corridors shall be required. Smoke exhaust system having make-up and exhaust air system shall also be required for theatres/auditoria. Such smoke exhaust system shall also be required for large lobbies and which have exit through staircase leading to exit discharge. This would enable eased exit of people through smoke controlled area to exit discharge. All exit passageway (from exit to exit discharge) shall be pressurized or naturally ventilated. The mechanical pressurization system shall be automatic in action with manual controls in addition. All such exit passageway shall be maintained with integrity for safe means of egress and evacuation. Doors provided in such exit passageway shall be fire rated doors of 120 min rating. Smoke exhaust system where provided, for above areas and occupancies shall have a minimum of 12 air changes per hour smoke exhaust mechanism. Pressurization system where provided shall have a minimum pressure differential of 25-30 Pa in relationship to other areas. The smoke exhaust fans in the mechanical ventilation system shall be fire rated, that is, 250⁰C for 120 min. For naturally cross-ventilated corridors or corridors with operable windows, such smoke exhaust system or pressurization system will not be required.

Smoke Exhaust and Pressurization of Areas below Ground –

Each basement shall be separately ventilated. Vents with cross-sectional area (aggregate) not less than 2.5 percent of the floor area spread evenly round the perimeter of the basement shall be provided in the form of grills, or breakable stall board lights or pavement lights or by way of shafts. Alternatively, a system of mechanical ventilation system may be provided with following requirements:

- a) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress call. However, for normal operation, air changes schedule shall be as given in Part 8 'Building Services, Section 3 Air Conditioning, Heating and Mechanical Ventilation' of the Code.
- b) In multi-level basements, independent air intake and smoke exhaust shafts (masonry or reinforced concrete) for respective basement level and compartments therein shall be planned with its make-up air and exhaust air fans located on the respective level and in the respective compartment. Alternatively, in multi-level basements, common intake masonry (or reinforced cement concrete) shaft may serve respective compartments aligned at all basement levels. Similarly, common smoke exhaust/outlet masonry (or reinforced cement concrete) shafts may also be planned to serve such compartments at all basement levels. All supply air and exhaust air fans on respective levels shall be installed in fire resisting room of 120 min. Exhaust fans at the respective levels shall be provided with back draft damper connection to the common smoke exhaust shaft ensuring complete isolation and compartmentation of floor isolation to eliminate spread of fire and smoke to the other compartments/floors.
- c) Due consideration shall be taken for ensuring proper drainage of such shafts to avoid insanitation condition. Inlets and extracts may be terminated at ground level with shall board or pavement lights as before. Stall board and pavement lights should be in positions easily accessible to the fire brigade and clearly marked '**AIR INLET**' or '**SMOKE OUTLET**' with an indication of area served at or near the opening.
- d) Smoke from any fire in the basement shall not obstruct any exit serving the ground and upper floors of the building.
- e) The smoke exhaust fans in the mechanical ventilation system shall be fire rated, that is, 250⁰c for 120 min.
- f) The smoke ventilation of the basement car parking areas shall be through provision of supply and exhaust air ducts duly installed with its supports and connected to supply air and exhaust fans. Alternatively, a system of impulse fans (jet fans) may be used for meeting the requirement of smoke ventilation complying with the following:
 - 1) Structural aspects of beams and other down stands/services shall be taken care of in the planning and provisions of the jet fans.
 - 2) Fans shall be fire rated, that is, 250⁰C for 120 min.
 - 3) Fans shall be adequately supported to enable operations for the duration as above.
 - 4) Power supply panels for the fans shall be located in fire safe zone to ensure continuity of power supply.
 - 5) Power supply cabling shall meet circuit integrity requirement in accordance with accepted standard [4(13)].

The smoke extraction system shall operate on actuation of flow switch actuation of sprinkler system. In addition, a local and/or remote 'manual start-stop control/switch' shall be provided for operations by the

fire fighters. Visual indication of the operation status of the fans shall also be provided with the remote control. No system relating to smoke ventilation shall be allowed to interface or cross the transformer area, electrical switchboard, electrical rooms or exits. Smoke exhaust system having make-up air and exhaust air system for areas other than car parking shall be required for common areas and exit access corridor in basements/underground structures and shall be completely separate and independent of car parking areas and other mechanical areas. Supply air shall not be less than 5 m from any exhaust discharge openings.

CAR PARKING FACILITIES: GENERAL

- a) Where both parking and repair operations are conducted in the same building, the entire building shall comply with the requirements for group G occupancies, unless the parking and repair sections are effectively separated by separation walls of 120 min.
- b) Floor surface shall be non-combustible, sloping towards drains to remove accumulation of water.
- c) Those parts of parking structures located within, immediately above or below, attached to, or less than 3 m away from a building used for any other purpose shall be separated by fire resistant walls and floors having fire resistance rating not less than 120 min. This shall exclude those incidental spaces which are occupied by cashier, attendant booth or those spaces used for toilets, with a total area not exceeding 200 m².
- d) Vehicle ramps shall not be considered as exists unless pedestrian facilities provided.
- e) Other occupancies like fuel dispensing, shall not be allowed in the building. Car repair facilities, if provided, shall be separated by 120 min fire resistance construction.
- f) In addition to fire protection requirements as per table 7, appropriate fire detection and suppressions systems shall be provided for the protection of hydraulic oil tank and pumps located below ground level for operation of car lifts.
- g) Means of egress shall meet the requirements specified

OPEN PARKING STRUCTURES (INCLUDING MULTY-LEVEL PARKING AND STILT PARKING)

- a) The term of open parking structure specifies the degree to which the structures exterior walls must have openings. Parking structures that meet the definition of the term open parking structure provide sufficient area in exterior walls to vent the products of combustion to a greater degree than enclosed parking structure.
- b) A parking structure having each parking level wall openings open to the atmosphere, for an area of not less than 0.4 m² for each linear meter of its exterior perimeter shall be constructed as open parking structure. Such openings shall be distributed over 40 percent of the building perimeter or uniformly over two opposing sides. Interior wall lines shall be at least 20 percent open, with openings distributed to provide ventilation, else, the structure shall be deemed as enclosed parking structures.

NOTE :- A car park located at the stilt level of a building (not open to sky) can be considered an open or an unenclosed car park if any part of the car park is within 30 m of a permanent natural ventilation opening and any one of the following is complied with towards the permanent natural ventilation requirement :-

- i. 50 percent of the car park perimeter shall be open to permanent natural ventilation.
- ii. At least 75 percent of car park perimeter is having the 50 percent natural ventilation opening.
- c) All stilt parking are required to be provided with sprinkler system where such buildings are required to be sprinklered.
- d) Open parking structures are not required to be provided with compartmentation.
- e) Open car parking (open to sky) within building complex having fire hydrant systems shall also need to be protected with yard hydrant installation system in accordance with good practice. [4(29)].

ENCLOSED PARKING STRUCTURES

- a) Those car parking structures which are enclosed on all sides and on top, not falling within the definition of open car parking [see H-3 (b)] and also those situated in the basements shall be known as enclosed car parking structures.
- b) All sprinklers in car parking shall be standard response type with minimum K-Factor of 80, area coverage of 9 m² and designed as per good practice [4(20)].
- c) For the basement car parking, compartmentation can be achieved, with fire

barrier or with water curtain nozzle (K-23) or with combination thereof. Automatic deluge system comprising deluge valve, piping, nozzles, etc shall be used to zone the compartment in case of water curtain system. In case of water curtain, existing water storage shall be supplemented by water demand for water curtain nozzles for 60 min considering the largest compartments perimeter out of all compartments of car parking in any of the basements.

- d) The water supply for the water curtain nozzles shall be through independent electric pump of adequate capacity (flow and head) with piping/riser for the water supply to the nozzles.
- e) The water curtain shall be operated by the actuation of flow switch actuating sprinkler system.
- f) For smoke ventilation requirement of car parking.
- g) All fire exit doors from the car parking to exits shall be painted green and shall display exit signage.

Automated Car Parking Utilizing Mechanical or Computerized /Robotic Means

- a) Automated car parking structure can be of open parking type or enclosed types.
- b) Automated car parking facilities pose more hazard compared to manual parking due to following reasons:-
 - 1) High density of cars due to close stacking-one over another.
 - 2) Lack of provision on fire separation/compartmentation-horizontal or vertical leading to rapid fire spread.
 - 3) Non availability of any person to notice/control the fire in initial stages.
 - 4) Limited access to firefighting personnel.
 - 5) Extensive height and depth involved with highly combustible load.
- c) Fire escape staircases, at least 1250 mm wide shall be provided at appropriate locations so that no place is more than 45 m from the nearest staircase. Horizontal walkways, at least 1000 mm wide for access to all the areas shall be provided at every parking level.
- d) Travel distance and means of egress shall be governed by the respective sections of this code.
- e) The hazardous areas like DG sets, transformers, HT/LT panels for the parking lot shall be suitably segregated from the other areas as per requirements given this code and all such areas shall be protected by suitable automatic fire suppressions systems.

Compartmentation: General –

- a) It is important to limit the spread of fire in any building. The usual method is to use fire barriers. In some instances these barriers need to be penetrated for ductwork, plumbing and electrical systems, and in such cases, use of passive fire protection measures shall be done so that the integrity of these barriers is not compromised.
- b) Floor(s) shall be compartmented with area as given below.

All floors shall be compartmented/ zoned with area of each compartment being not more than 750 m². The maximum size of the compartment shall be as follows, in case of sprinklered basement/building:

Sr. No.	Use	Compartmentation Area m ²
(1)	(2)	(3)
i)	Basement car parking	3000
ii)	Basement (other than car parking)	2000
iii)	Institutional Buildings: Subdivision C-1	1800
iv)	Institutional Buildings: Subdivision C-2 and C-3	1125
v)	Mercantile and assembly buildings	2000
vi)	Business buildings	3000
vii)	All other buildings (Excluding low hazard and moderate hazard industrial buildings and storage buildings) ¹⁾	750
¹⁾ Compartmentation for low hazard and moderate hazard industrial buildings and storage buildings shall be done in consultation with local fire department.		

In addition, there shall be requirement of a minimum of two compartments if the floor plate size is equal or less than the areas mentioned above. However, such requirement of minimum two compartments shall not be required, if the floor plate is less than 750 m². Compartmentation

shall be achieved by means of fire barrier having fire resistance rating of 120 min.

Service Ducts and Shafts :-

- Openings in walls or floors which are necessary to be provided to allow passages of all buildings services like cables, electrical wirings, telephone cables, plumbing pipes, etc. shall be protected by enclosure in the form of ducts/shafts having a fire resistance not less than 120 min. The inspection door for electrical shafts/ducts shall be not less than 120 min. Further, medium and low voltage wiring running in shafts/ducts, shall either be armoured type or run through metal conduits.
- The space between the electrical cables/conduits and the walls/slabs shall be filled in by a fire stop material having fire resistance rating of not less than 120 min. This shall exclude requirement of fire stop sealing for low voltage services shaft.
- For plumbing shafts in the core of the building, with shaft door opening inside the building, the shafts shall have inspection doors having fire resistance rating not less than 30 min.
- For plumbing shafts doors which open in wet areas or in naturally ventilated areas or on external wall of the building, the shafts may not require doors having any specified fire rating.

NOTE- In the case of buildings where it is necessary to lower or lift heavy machinery or goods from one floor to the other, it may be necessary to provide larger openings in the floor. Such openings shall be provided with removable covers which shall have the same strength and fire resistance as the floor.

Refuse Chutes:-

- Refuse chutes, if any provided in a buildings, shall have opening at least 1 m above roof level for venting purpose and they shall have an enclosure wall of non-combustible material with fire resistance of not less than 120 min.
- They shall not be located within the staircase enclosure or service shafts, or air conditioning shafts.
- Refuse chutes inspection panel and doors shall be tight fitting with 60 min fire resistance.
- Sprinkler protection system shall be provided for the refuse chutes.
- Refuse chutes shall be at least 6 m away from exits.

Fire or Fire/Smoke Dampers:-

- These dampers shall be evaluated to be located in supply air ducts, fresh air and return air ducts/passages at the following points:
 - At the fire separation wall,
 - Where ducts/passages enter the vertical shaft,
 - Where the ducts pass through floors, and
- At the inlet of supply air duct and the return air duct of each compartment on every floor.
- Damper shall be of motorized type/fusible link. Damper shall be so installed to provide complete integrity of the compartment with all passive fire protection sealing. Damper should be accessible to maintain, test and also replace, if so required. Damper shall be integrated with Fire Alarm Panel and shall be sequenced to operate as per requirement and have interlocking arrangement for fire safety of the building. Manual operation facilities for damper operation shall also be provided.

THE H.S.D & F.O. STORAGE TANK AREA:

1. The design, construction & installation of “A” class “B” Class & “C” class petroleum storage tank should be as per the specification laid down by **Chief Controller of Explosives. Approval from C.C.E.must be obtained.**
2. Sufficient Distance from all the sides of tank should be kept and barbed wire fencing should be provided of minimum 1.5 Mtr. Height.
3. Caution boards “DANGER” and “NO SMOKING” should be displayed on the gate of the fence yard.
4. Vent pipe of the storage tank should be provided as per the specification laid down in relevant standard.
5. The surface of the tank farm area should be made up surface & no grass or shrubs shall be allowed to grow within the tank farm area.
6. Two water monitors & two hydrant points shall be installed around the tank farm area diagonally opposite to each other. The jet of the monitors should reach the top most part of the highest tank in tank farm area. The peripheral ring with

- sprinklers shall be provided to each tank intank farm area.
7. The lightening arrestor shall be installed on the highest part of the tank farm area.
 8. All electrical fittings, fixtures in “A”, ”B”, “C” class petroleum storage, loading/unloading pumps must be strictly flame proof & must be confirming to relevant IS specifications.
 9. The tankers entering in to “A”, ”B”, “C” class loading/unloading shall be provided with spark arrester on the silencer and proper earthening facility shall be provided to the tanker while loading/unloading. The water spray system shall be provided to loading / unloading platform.
 10. Proper earthening shall be provided to storage tanks, pipelines, loading/unloading gadgets to dissipate the static current generated during the transportation of hydrocarbons.
 11. The Storage tank should be as per the specification laid down by C.C.E. & approval of Chief Controller of Explosives must be obtained.
 12. **The barbed wired fencing of 1.5 M height should be provided to Solvent Storage Yard.** The gate shall be painted in “RED” colour & it shall be kept always in locked position to avoid the entry of unauthorised person. The key of the storageyard shall be kept with responsible person of the Company.
 13. Caution boards like “Danger”, “No smoking” shall be displayed on the gate of fence yard.
 14. The marginal space around the tank farm should be kept free from any obstructions as per the drawing approved by Chief Controller of Explosives.
 15. The surface of the tank farm area should be made up surface & no grass or shrub shall be allowed to grow within the tank farm area.
 16. The proper Earthening facility shall be provided to the tanks installed in tank farm area as well as the truck while loading/unloading the F.O. The spark arrestor shall be provided to the silencer of the truck before entering the premises.

DG Building Structural Design and Vibration Isolators

1. The DG building is designed for the max operating weight of all the DG placed on each floor of the building of the building.
2. The load combinations as per IS code are used for the design and the member capacities are confirmed to be adequate as per IS800-2007.
3. The DG sets shall come with vibration isolated at their supports so that they do not transmit any vibrations from their internal components to the base structure.
4. Hence the DG building shall not experience and vibrations from the operations of the DG set.
5. All equipment including DG set shall incorporate measures to attenuate transmission of vibration from operating equipment to the main structure through passive means with primary and secondary measures as required to achieve minimum 95 % efficiency in isolation of vibrations.

Fire detection & suppression system for DG Set

The DG sets shall be housed in a DG building of RCC construction with room acoustic enclosure with 2 Hrs Fire rated.

The structure shall be unmanned/unoccupied during normal operation.

Each floor shall have dedicated access to the staircase which are located inside the DG building.

All the fuel supply piping is double jacketed to avoid any accidental damage and leakage from pipes and provided with addressable type fuel leak detection system

Each floor of the DG building shall have the following: -

- 1) Ventilation
- 2) Detectors shall be provided in DG area and connected to Fire alarm panel.
- 3) Fire hydrant at RCC stair landing, leading to DG sets.
- 4) External hydrant Coverage at ground level
- 5) Water Mist Systems over DG's only and on over panels. The small water droplets allow the water mist to control, suppress, or extinguish fires by:
 - Cooling both the flame and surrounding gases by evaporation
 - Displacing Oxygen by evaporation

- Attenuating radiant heat by the small droplets themselves
- 6) Panel flooding system for inside DG panels only.

The diesel pipeline transfer HSD from Storage area to Day Tank, shall have following safety measures to mitigate risk.

- Leakage in HSD transfer pipeline
 - The pipeline shall be constructed as per CCOE guidelines or OISD standards 141.
 - Jacketed piping with hydrocarbon leak detection cable has been provided for HSD Pipeline which shall help to sense and monitor any leakage of fuel from the HSD piping network. This system is considered for entire piping.
- Overflow of Day tank
 - There shall be 'HSD 3 level sensors' which are installed in Day tank. The low-level trigger opening of solenoid valve, which enables filling of the day tank. 2nd level shall be indicating the tank is filled, which triggers closing of solenoid valve controlling the filling of this day tank, and thereby the stopping of transfer pump. There shall be 2 such level indicators, to take of any malfunctioning of any of one sensor.
 - Apart from this, the day tank shall have a dump tank also, which capacity equal to day tank capacity, so in event even if above sensor arrangement does not work, the HSD overflowed shall be contained in containment tank.
 - The dump tank shall also be provided with 1 number of 'HSD 3 level sensors' and the HSD collected in dump tank shall be further transferred to the underground storage tanks based on the high-level signal.
- The emptying of individual day tank,
 - the HSD stored in day tank shall be transferred back to main underground HSD storage tank (HSD tank farm) via dump tank through drain pipeline with manual drain valve.

Diesel Unloading and Transfer

System Diesel Unloading System:

Fuel is unloaded to underground storage tanks from Road tanker through a fuel conditioning system which shall condition the fuel remove any Water ingress/ Dust Particle/ microbial contamination present in oil before transferring the fuel to the bulk storage tanks. Underground storage tanks shall be constructed as per IS 10987:1992

Diesel Transfer System:

1. Diesel is transferred with help of pumps through a fuel polishing unit to the distribution header and further to the day oil tanks.
2. Level controllers shall be provided in all day oil tanks to ensure that the refilling of the day tanks is automatic and integrated with BMS.
3. The overflow from the day tanks shall be collected in Dump tank located near DG Area and from Dump tank shall be fed back to the bulk storage tanks through Gear pump.
4. This shall prevent accidental overflow of HSD in the plant room/DG room.
5. Each day tank shall be provided with the drip tray below the tank with spot type fuel leak detection system.
6. In case of any leakages from the day oil tank alarm shall be generated in BMS.
7. Flowmeters shall be provided in the incoming line to measure the fuel to tanks and in the outgoing to DG plant room.
8. Each day and Belly oil tank is provided with a discharge valve which shall be used for emptying the tank and returning the fuel to HSD underground tanks.
9. Double piping Network as working and redundant is considered.
10. The working and the redundant fuel piping shall be routed through two distinct routes.
11. There upon ring header would be running from 2 distinct risers to the Day/ Belly of Tanks entire installation and distribution shall be in accordance with guidelines set by the chief Controller of Explosive (CCOE).
12. Automatic Fuel stop valves, where required, shall be arranged to close upon

Activation of the Fire detection system within the Fire alarm zone that covers the engine installation, including auxiliary equipment's.

Guidelines for FUEL DRAIN SYSTEM: -

In all modes of express drain scheme, a dedicated drain pipe line should be provided which drains the fuel from day tanks and gets collected in the proposed underground Express Drain tank.

SEMI AUTOMATIC DRAIN SYSTEM:

Assumed fire scenario: Fire at diesel generator day tank.

- In semi-automatic drain, Fusible link valve shall be provided instead of solenoid valve.
- In day tank drain line, one fusible link valve shall be provided. Fusible link valve operates when there is a fire near the valve and when the link reaches the rated temperature, Fusible link valve in drain line is NORMALLY CLOSED valve.
- The fusible link temperature rating shall be 68-74 deg C.
- Providing fusible link valve on drain shall ensure to drain only the diesel available in fire affected day tank. The diesel available in other day tanks and intermediate tank/master tank shall not be drained.
- When the fire occurs in data hall or other locations other than DG area, the diesel in any day tank should not be drained.
- Meanwhile in fire affected DG area, the double interlock pre-action sprinkler system should come into operation and discharge water. Water discharge should happen only when the below listed two independent events occurs simultaneously. This will ensure no spillage of water into the equipment due to false fire signal or leaks in piping.
 - a. The signal from cross zoned detectors shall be sent to the deluge valve releasing panel and the releasing panel shall energize the solenoid valve located in releasing trim.
 - b. When one or more sprinkler bulb operates, the dry pilot actuator located in releasing trim opens which is normally in closed position due to system air pressure.
 - c. When both (a) and (b) occurs simultaneously, the deluge valve opens and allows water into the pipe network.
 - d. When either (a) or (b) occurs, only alarm will be triggered and water will not be admitted into the system.

Hazardous Areas, Gaseous, Oil Storage Yard, ETC.:-

- Rooms containing high pressure boilers, refrigerating machinery, transformers or other service equipment subject to possible explosion shall not be located directly under or adjacent to exits.
- All such rooms shall be effectively cut-off from other parts of the building and shall be provided with adequate vents to the outside air.
- All rooms or areas or high hazard in additions to those hereinbefore mentioned, shall be segregated or shall be protected with fire resistance walls having fire rating of 120 min as fire, explosion or smoke there from is likely to interfere with safe egress from the building. Further,
- Each building shall be provided with an approved outside gas shut-off valve conspicuously marked. The detailed requirements regarding safe use of gas shall be as specified in Part 9 'Plumbing Services, Section 4 Gas Supply' of the Code; and
- All exterior openings in a boiler room or rooms contain central heating equipment, if located below opening in another storey or if less than 3 m from other doors or windows of the same building shall be protected by a fire assembly. Such assemblies shall be fixed, automatic or self-closing.

ELECTRICAL SERVICES:

1. For the requirements regarding installations from the point of view of Fire Safety, guidelines should be followed as mentioned in **IS Standard :1646 Code of practice for Fire safety Buildings : Electrical Installations.**
2. The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct.
3. **Water mains, telephone lines, intercom lines, gas pipes or any other**

service lines shall not be laid in the duct of electric cables.

4. Separate circuits for water pumps, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others.
5. The inspection panel doors and any other opening in the shaft shall be provided with **air tight doors having fire resistance of not less than 2hrs.**
6. Medium & low voltage wiring running in shaft and within fall ceiling shall run in metal conduit.
7. An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of termination of electric supply. **The doors provided for the service room shall have fire resistance of not less than two hours.**

Electrical services shall conform to the following: (High Rise building)

- a) The electric distribution cables/wiring shall be laid in a separate duct. The duct shall be sealed at every floor with non-combustible materials having the same fire resistance as that of the duct. Low and medium voltage wiring running in shaft and in false ceiling shall run in separate conduits;
- b) Water mains, telephone lines, intercom lines, gas pipes or any other service line shall not be laid in the duct for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred;
- c) Separate circuits for firefighting pumps, lifts, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that fire in one circuit will not affect the others. Such circuits shall be protected at origin by an automatic circuit breaker with its no-volt coil removed. Master switches controlling essential service circuits shall be clearly labeled;
- d) The inspection panel doors and any other opening in the shaft shall be provided with air-tight fire doors having fire resistance of not less than 2 h;
- e) Medium and low voltage wiring running in shafts, and within false ceiling shall run in metal conduit. Any 230 V wiring for lighting or other services, above false ceiling, shall have 660 V grade insulation. The false ceiling, including all fixtures used for its suspension, shall be of non-combustible material and shall provide adequate fire resistance to the ceiling in order to prevent spread of fire across ceiling reference may be made to good practice.
- f) An independent and well ventilated service room shall be provided on the ground level or first basement with direct access from outside or from the corridor for the purpose of termination of electric supply from the licensees' service and alternative supply cables. The doors provided for the service room shall have fire resistance of not less than 2 h;
- g) If the licensees agree to provide meters on upper floors, the licensees' cables shall be segregated from consumers' cables by providing a partition in the duct. Meter rooms on upper floors shall not open into stair case enclosures and shall be ventilated directly to open air outside; and
- h) Suitable circuit breakers shall be provided at the appropriate points.

Guidelines for Substation/Transformers

- Areas in substation shall not be used as storage/dump areas or for other utility purposes other than those required for the functioning of the substation.
- The substation area should be adequately ventilated.
- An independent, ventilated or air conditioned MV panel room shall be provided on the ground level or first basement. This room shall be provided with access from outside (or through exit passageway accessible from outside). The MV panel room shall be provided with fire resistant walls and doors of fire resistance of not less than 120 min.
- If the licensees agree to provide meters on upper floors, the licensees cables shall be segregated from consumers cables by providing a partition in the shaft.
- Meter rooms on upper floors shall not open into staircase enclosures and should be ventilated directly to open air outside or in electrical room of 120 min fire resistant walls.
- Electrical MV main distribution panel and lift panels shall be provided with CO2/inert gas flooding system for all panel compartments with a cylinder located beside the panel.

Oil filled substation

- A substation or a switch-station with oil filled equipment shall be limited to be installed in utility building or in outdoor location. Such substation/utility building

shall be at least 7 m away from the adjoining building(s).

- Substation equipment (exceeding oil capacity of 2 000 litre) in utility building shall have fire rated baffle walls of 240 min rating constructed between such equipment, raised to at least 600 mm above the height of the equipment (including height of oil conservators) and exceeding 300 mm on each side of the equipment.
- All transformers where capacity exceeds 10 MVA shall be protected by high velocity water spray systems or nitrogen injection system.

Dry type substation

- Transformers located inside a building shall be of dry type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance rating of 120 min.
- Access to the substation shall be provided from the nearest fire exit/exit staircase for the purpose of electrical isolation.

In addition to the above, all provision under the D.C. Rules of MIDC and N.B.C. shall be strictly adhered, also if any change in activity or Proposed expansion or Subletting of Plot or Transfer of Plot. NOC from this department is essential.

This is a **Provisional No Objection Certificate**. After providing the above fire prevention and protection system and after compliance of above recommendations inspection of the premises & fire prevention & protection arrangements will be carried out by this department and after satisfactory compliance “**Final No Objection Certificate**” will be issued. **This “Provisional No-Objection Certificate” will be treated valid for the period of one year from the date of issue.**

Details of “Fire Protection Fund Fees” as per New circular No, MIDC/Fire Dept/P- 82144, Dt; 13/09/2023, are as follows.

	Total Amount as per the challan no, MCH/3701/2025, Dt. 02/05/2025.	Advance “Fire Protection Fund fees” paid by M/s. Amanthin Info Parks Pvt Ltd. vide receipt no.vide receipt no. Nil	Balance “Fire Protection Fund fees” needs to be recovered by SPA
(i)	(ii)	(iii)	(iv)
Fire & Emergency Fees.	Rs. 1,02,26,528.00/-	Rs. 0.00/-	Rs. 1,20,67,303.04/-
Total	Rs. 1,02,26,528.00/-	Rs. 0.00/-	Rs. 1,20,67,303.04/-

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from timeto time and in the interest of the protection of the company.

Thanking you.

Yours faithfully

**SANTOSH
SHRIDHAR
WARICK**
Digitally signed by
SANTOSH
SHRIDHAR WARICK
Date: 2025.05.02
17:16:50 +05'30'

(S. S. Warick)
Chief Fire Officer & Fire Adviser,
MIDC, Mumbai 400093.

Copy to The Executive Engineer, MIDC, Mahape Division-II, for information. He is requested to recover the balance fees mentioned in column No.(iv) of above table before issuing work commencement certificate/Plan approval.



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE
CHANGE
एकीकृत क्षेत्रीय कार्यालय, पूर्व खंड, नया सचिवालय
भवन, सिविल लाइन्स, नागपुर
INTEGRATED REGIONAL OFFICE, EAST WING,
NEW SECRETARAT BUILDING, CIVIL LINES, NAGPUR
440001.

F. No. EC-2063/RON/2023-NGP/11543

Dated: 12.05.2023

To,

M/s. Amanthin Info Park Pvt. Ltd.
One India bulls Centre, 16th Floor,
Tower 2A, Senapati Bapat Marg, Mumbai,
Maharashtra, 400013

Subject: Proposed for Expansion in EC for Data Centre project 'Amanthin Info Park Pvt. Ltd' at Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703, by M/s. Amanthin Info Park Pvt. Ltd.-Issue of Certified Compliance Report- Reg.

Sir,

This has reference to your request for the issue of CCR for the above project. In this regard, the above said project was inspected by this office. After the site visit and review of additional documents submitted, the implementation of environmental safeguards status in the project is prepared. Copy of the Inspection report is enclosed. **PP should ensure the compliance on the observations made in the report.**

This issues with the approval of Competent Authority.

Yours faithfully

(Surender Gugloth)
Scientist-E

Encl: As above

Copy to:

1. Member Secretary- SEIAA Environment & Climate Change Department, Room No. 217, 2nd floor Mantralaya, Mumbai-400032.



GOVERNMENT OF INDIA
Ministry of Environment, Forest and Climate Change
Integrated Regional Office, Nagpur

INSPECTION REPORT

F. No. EC-2063/RON/2023-NGP

1. Name of the project and location Proposed Expansion in EC for Data Centre project 'Amanthin Info Park Pvt. Ltd' at Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703, by **M/s. Amanthin Info Park Pvt. Ltd.**
2. Address for Correspondence Shri. Rahul Nair
Designation: Director
Address: One India bulls Centre, 16th Floor, Tower 2A, Senapati Bapat Marg, Mumbai, Maharashtra, 400013
Email-id: rahul.nair@everyondr.com
3. Clearance letter No.& Date No. EC22B038MH187924 dated 04.05.2022
[File No. SIA/MH/MIS/260695/2022]
4. Date of site visit The project was inspected on 13th April 2023.
During the visit,
Mr. Madhav Singh [Project Director],
Mr. Deepak Tamhankar [VP, Corporate Affairs],
Mr. Aswath Singaraju [HSE Head]
Ms. Vidula Raul [Manager, ESG]
Ms. Rutuja Bhasme [EIA Coordinator]
were present.
5. Date of previous visit(s) & observation if any Nil
6. One-page brief summary of the project - along with project details, date of commencement of construction activities, present status etc. 1st EC was granted by SEIAA, Environment Department, Government of Maharashtra in 31.03.2020 For Development of Commercial IT Park in Plot Area of 39,980m² & Total BUA of 66,401.36m² to Greenscape Builtcon LLP

2nd EC was granted by SEIAA, Environment Department, Government of Maharashtra in 04.05.2022 for construction of Data Centre Project [IT/ITes] in plot area of 39,980.00sqm with total built up area of 55,431.61sqm to Amanthin Info Parks Pvt. Ltd.

The proposed building consists of 1 Building of G+4

Floor [Data Centre: G+2, 2 Gantry: G+4], Construction activity commenced in the October 2022.

Construction activity commenced in the year of October 2022 for the construction area of 39,890.41 Sq. Mt as per the CC obtained from MIDC dated 31.10.2022 vide letter no. No EE/Dn. II/MHP/SPA/D-57894/of 2022.

The project is under construction phase, about <10% of work have been completed.

7. Consent from MPCB

1st Consent to Establish was obtained for Development of Commercial IT Park in Plot Area of 39,980m² & Total BUA of 66,401.36m² by Greenscape Builtcon LLP. Dated 26.08.2020 vide letter no. Format 1.0/BO/JD(WPC) /UAN no 90824/CE/CC-2008000975 Dtd 26.08.2020

2nd Consent to Establish (Amendment) was obtained for development of Data Centre for Plot Area of 39,980m² and BUA of 55,431.61m² by Amanthin Info Parks Pvt. Ltd. Dated 05.10.2021 vide letter no. Format 1.0/CAC/UAN No. 0000114958/CE – 2110000151 which is valid up to commissioning of the project or up to 5 years whichever is earlier i.e. (04.10.2026) – copy of CTE is attached as **Annexure I**.

8. Details on sanitation facilities provided at labour camp, if provided within the site-

Adequate drinking water and temporary sanitation facilities are provided. No labour camp at site

1. Sewage treatment and disposal,

The waste generated from the labour is treated through STP of 5KLD provided on site and treated sewage is reused for gardening.

2. Solid waste collection and disposal

Solid waste generated is properly collected; segregated and handed over to local agency.

9. Water usage, source and quantity

The water requirement for the construction activity is about 10KLD and it is met through tanker water Supply.

PP has obtained NOC from MIDC for water supply for the operation phase. Copy of the permission is submitted as **Anenxure-II**.



- | | | |
|-----|---|---|
| 10. | Permission to draw ground water if any shall be obtained from the competent Authority prior to construction /operation of the project | According to the PP, there are no bore wells and PP is meeting the water for construction through water tankers |
| 11. | Water conservations measures-

Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred

Dual plumbing line for separation of gray and black water, Low flow Fixtures for showers, toilet flushing and drinking.

Recycling of treated sewage | Water demand during construction is reduced by use of pre-mixed concrete, curing agents and other best practices.

PP has agreed to implement all these conditions at the plumbing stage of Construction

The sewage treatment plant of 10 KLD is proposed for the treatment of sewage expected from Operation Phase. The treated sewage is proposed to be reused for flushing, gardening etc., |
| 12. | Energy conservation as per Energy Conservation Building Code | PP informed that project is designed as per ECBC norms and Energy conservation measures such as LED, BEE 5 star rated pumps, solar lighting etc will be provided. |
| 13. | Usage of Fly ash in the construction | PP informed that fly ash is used in RMC. |
| 14. | Topsoil management. | PP Reported that excavated soil is used for backfilling and leveling of the plot and remaining shall be used within site for landscaping. |
| 15. | Details of DG set [numbers and Capacity] | 125 KVA x 2Nos DG set is installed at site for construction phase. The height of the DG set is installed as per the Central Pollution Control Board (CPCB). |
| 16. | Pollution abatement measures:

Vehicular pollution | PP informed that vehicles with PUC only are hired for bringing construction material to the site. Copy of the PUC certificates verified during the inspection. |



- | | |
|---|--|
| Dust control | PP informed that water sprinkling is being carried out to suppression of dust. |
| Noise Control | PP informed that construction activity is restricted to day time only, tall barricades have been provided on all sides, DG is provided with acoustic enclosure. |
| 17. Latest Monitoring reports on Ambient air, Soil, Ground water, Noise, DG set etc., | The environmental monitoring is regularly carried out for various parameters by approved MOEFCC lab and copy of the latest monitoring reports are enclosed at Annexure –III.
Ground water quality not monitored as there is no bore well. |
| 18. Construction Spoils, muck, including bituminous material and other hazardous materials management | All construction waste gets collected and segregated properly. Most of that is reused for the construction activity.
There is no bituminous waste.

Used oil would be generated from the site, will be disposed through Authorized vendor of MPCB. |
| 19. Green Belt | PP has submitted green belt development plan. According to Plan, proposed to carry out plantation in an area of 4,005.0sqm., total number of trees to be planted is 3,419 PP should ensure plantation as per the green belt development plan submitted. |
| 20. CER/EMP | PP informed that according to the OM dated 25.02.2021 of the Ministry, the building projects to carry out all activities proposed under EMP as well any additional activities that may either be committed by them or prescribed by SEAC. Accordingly, capital cost of Rs 672.0lakhs and O & M cost of Rs 64.0lakhs / year has been earmarked for EMP. |
| 21. Details of Environment Management Cell | PP reported that a Separate Environment Management Cell has been set up to look after environmental management. |
| 22. Submission of six monthly reports on the status of compliance | PP has submitted six-monthly report. |
| 23. Submission of the environmental statement | Not complied.
PP has not submitted Environmental Statement |



- | | | |
|-----|--|---|
| 24. | Uploading of the EC, compliance report, Environmental statement on the Company Website | PP has uploaded copy of EC, compliance report on the Company Website at ' https://everyondr.com/ ' |
| 25. | Advertisement about the grant of EC | PP has submitted the copy of advertisement |
| 26. | Details of areas like Forest, Eco- Sensitive Zone, wildlife sanctuary etc. and the distance from the project | There is no forest area near to the project site. |
| 27. | Details of Show Cause Notice/ direction issued, if any by the State PCB and details of remedial action taken/proposed. | NIL |
| 28. | Details of Show Cause Notice/ direction issued, if any from the Department of Mines and Geology and details of remedial action taken/proposed. | NIL |
| 29. | Details of pending Court Cases (If any) | NIL |
| 30. | Proposal | Reported that due to change in BUA, PP proposed to modify the plan and applied for EC. Hence, requested for CCR. |

Conclusion: After the site visit and review of additional documents submitted, the implementation of environmental safeguards status in the project is prepared. Following non-compliance / partial compliance are noted.

Condition no. (23)

PP has not submitted Environmental Statement

PP should ensure the implementation of Green belt development plan and CSR/CER/EMP activities 30% funds should be earmarked for Water Conservation and Seedling plantation/distribution related works.





Fig: Google Imagery



Fig: Construction at the site


(Surender Gugloth)
Scientist 'E'

Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I ()

No:- Format1.0/CAC/UAN No.0000114958/CE - 2110000151

Date: 05/10/2021

To,
M/s Amanthin Info Parks Pvt. Ltd.,
Plot Nos. D-31 & D-32, TTC Industrial Area, Turbhe,
Navi Mumbai, Dist. Thane - 400703.



Your Service is Our Duty

Sub: Grant of Consent to Establish for proposed construction of Data Center Building.

- Ref:**
1. Environment Clearance accorded vide No. SIA/ MH/ MIS/ 145018/ 2020 dtd. 31.03.2020.
 2. Previous Consent to Establish accorded by Board vide No. Format 1.0/ BO/ JD(WPC)/ UAN No. 90824/ CE/ CC-2008000975 dtd. 26.08.2020.
 3. Minutes of Consent Appraisal Committee meeting held on 03, 17 & 20.08.2021.

Your application No.MPCB-CONSENT-0000114958 Dated 31.05.2021

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.
2. The capital investment of the project is Rs.2417.5 Crs. (As per undertaking submitted by pp)
3. Consent is valid for the construction of Data Center Building:

Sr No	Product	Maximum Quantity	UOM
Products			
Data Center Building construction on total plot area 39,980 sq. mtrs. for total construction BUA of 55,431.61 sq. mtrs.			

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable



Maharashtra Pollution Control Board

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Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	8.2	As per Schedule-I	60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

5. **Conditions under Air (P & CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1 to S-58	D.G. Sets (58 x 2200 KVA)	58	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Biodegradable Waste	24	Kg/Day	OWC followed by Composting	Used as manure
2	Non Biodegradable Waste	36	Kg/Day	Segregation	Auth. Vendor/ Local Body
3	STP Sludge	19	Kg/M	Drying	Used as manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	26680	Ltr/A	Recycle	Sale to Auth. Party/ Recycler

8. **Conditions under Batteries (Management & Handling) Rules, 2001:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Battery Waste	5966.00	Nos./Y	Sale to Auth. Party/ Recycler

Specific Conditions for used Batteries:

- The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
- The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- Bulk consumers to their user units may auction used batteries to registered recyclers only.

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	188.00	Kg/Annum	Sale to Auth. E-waste handler/ Recycler

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.

Maharashtra Pollution Control Board
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11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. PP shall not take effective steps till obtaining amendment in Environment Clearance.
13. PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD - 10 mg/lit including disinfection facility for treated sewage.
14. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.
15. PP shall provide Organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage and compost obtained shall be utilized as manure for gardening in own premise.
16. PP shall make provision of charging ports for electric vehicles at least 10% of total available parking slots.
17. PP shall comply with the conditions stipulated in Environment Clearance.
18. PP shall submit Bank Guarantee of Rs. 25 Lakh towards compliance of conditions stipulated in Environment Clearance and Consent to Establish.
19. This consent is issued with overriding effect on earlier Consent to Establish granted by the Board vide No. Format 1.0/ BO/ JD(WPC)/ UAN No. 90824/ CE/ CC-2008000975 dtd. 26.08.2020.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS)
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	4835000.00	MPCB-DR-6288	07/06/2021	RTGS

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Navi Mumbai
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.



Maharashtra Pollution Control Board

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) Generation - As per your application the treated effluent generation is Nil.
B) Treatment - NA
C) Disposal - NA
2. A) As per your application, you have provided Sewage Treatment Plant of designed capacity 10 CMD with MBBR technology for the treatment of 8.2 CMD of sewage.
B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	50
2	BOD 3 days 27°C	Not to exceed	30
3	COD	Not to exceed	100

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system. In no case, sewage shall find its way outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	8.60
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	27.8

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

Maharashtra Pollution Control Board

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SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	APC System Source provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1 to S-58	D.G. Sets (58 x 2200 KVA)	Acoustic Enclosure	30.00	HSD 24824 Kg/Hr	1	SO ₂ 11916 Kg/Day

- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (mg/l)
Total Particulate Matter	Not to exceed 150 mg/ Nm ³

- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E	2500000	Within 15 days	Towards compliance of the Environmental Clearance & Consent to Establish conditions	31.08.2026	31.12.2026

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



Maharashtra Pollution Control Board

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SCHEDULE-IV **General Conditions:**

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. The Energy source for lighting purpose shall preferably be LED based
6. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
7. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
8. The applicant shall maintain good housekeeping.
9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.



Maharashtra Pollution Control Board

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10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
11. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
15. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
16. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
19. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
20. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
21. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
23. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).



Maharashtra Pollution Control Board

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24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
28. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
30. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
35. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

Phone: 27781602

No.EE/Dn.II/SPA/MHP/C16068/of 2022,
Office of the Executive Engineer &
Special Planning Authority,
MIDC Dn.II, Mahape.
Date:- 27 / 06 / 2022



To,
M/s. Amanthin Info Parks Pvt. Ltd.,
Plot No. D-31 & D-32,
TTC Industrial Area,
Navi - Mumbai.

Sub: COMMENCEMENT CERTIFICATE

Sir,

With reference to your architect's online submission through SWC vide tracking I.D. No. SWC/14/521/20211214/799347 & complied on 23/06/2022 for grant to sanction of commencement certificate to carry out development work and Building Permit under section 45 of MR&T.P. Act, 1966 to erect Proposed Construction of Building on Plot No. D-31 & D-32, in T.T.C. Indl. Area, the commencement/ Building permit is granted subject to the following condition & for total B.U.A. as per the approval to the plans attached.

1. The land vacated in consequence of the enforcement of the set-back rule part of the public street.
2. No new building or part thereof shall be occupied or allowed to be occupied or use or permitted to be used by any person until occupancy permission has been granted.
3. The commencement certificate/building permit shall remain valid period of one year commencing from the date of its issue.
4. This permission does not entitle you to develop the land which does not vest in you.
5. Minimum two trees in plots of 200.00 sqm. & such No. of trees at the rate of one tree per 100.00 sqm. for plots more than 200.00 sqm. in area shall be planted & protected.
6. In case of group housing, minimum two trees per tenement shall be planted and protected.
7. The party should inform the commencement of work as per the approval issued by this office.
8. Temporary labour camps, Toilet blocks & Water tanks within the site are allowed only during the phase of construction period of 2 years only.
9. The work of construction of temporary structure shall be executed under qualified structural engineer/Architect.
10. Allottee has to pay temporary construction fees at the rate of Rs. 50/- per Sqm. of such covered area of temporary structures.
11. Equal amounts as fees should be paid as deposit, which will be refundable at the end of the two years, or on completion of project whichever is earlier after removal of by the Allottee / Licensee / Lessee / Owner.
12. Failure to remove such temporary sheds will be liable for forfeiture of the deposit and any such failure continuing beyond stipulated period shall be liable for imposition of penalty which will be 3 times the rate of Rs. 50/- per Sqm.

Your's faithfully,

**RAJARAM
GUNDERAO
RATHOD**

Digitally signed by
RAJARAM GUNDERAO
RATHOD
Date: 2022.06.27
13:47:26 +05'30'

Executive Engineer &
Special Planning Authority
MIDC Dn. II, Mahape

Copy submitted to :

1. The Collector, District Thane, for information.
2. The Municipal Commissioner, N.M.M.C. for information.
3. The Chief Fire Officer, MIDC, Andheri for information.
4. The Deputy Engineer, MIDC Sub Dn. No.I, Mahape for information.

Copy f.w.c.'s to

1. The Regional Officer, MIDC Mahape, for information.
2. Architect SHOEB SHAIKH, Reg. No. CA/2013/60875, for information & further needful please.
3. Guard File.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)



No EE/Dn. II/MHP/SPA/ C16068 /of 2022
Office of the Executive Engineer & Special
Planning Authority, MIDC Dn. II, Mahape,
Navi Mumbai.
Date: - 27 /06/ 2022.

To,
M/s. Amanthin Info Parks Pvt. Ltd.,
Plot No. D-31 & D-32, Turbhe
TTC Industrial Area, Navi-Mumbai.

Sub.:- TTC Industrial Area.

Fresh Approval to Building Plans and Drainage Plans for proposed
Data Centre Building on Plot no. D-31 & D-32 in TTC Industrial
Area for M/s. Amanthin Info Parks Pvt. Ltd.

Ref.:- 1. Tracking Id: SWC/14/521/20211214/799347.
2. Provisional Fire NOC issued by CFO vide No. MIDC/Fire/B01659
dt. 23/03/2022.

Dear Sir,

You have submitted combined application for approval to the building
Plans for proposed Data Centre Building. Above applications are examined and
following approvals are hereby granted.

A] Building Plan Approval

You have paid following.....

Sr. No	Scrutiny Fees Rs.	Development charges Rs.	Addl. FSI Premium Rs.	Balcony charge Rs.	Compound wall Charges Rs.	Labour Cess Rs.
1	2	3	4	5	6	7
1	88500.00	---	---	---	---	---
2	88500.00	7693490.00	52634450.00	52634450.00	500.00	14652500.00
3	88500.00	0.00	---	0.00	0.00	0.00
4	0.00	14401089.00	77650.00	---	---	148645.00
	265500.00	22094579.00	52712100.00	52634450.00	500.00	14801145.00

Sr. No.	Initial Fire Protection Rs. fees Rs.	Additional Fire Protection fees (Rs)	Total Rs.	Receipt No.
	8	9	10	10
1	---	---	88500.00	GL20650737 Dt.30/01/2020
2	935129.20	8260648.30	84265217.50	GL20738155 Dt.15/03/2020
3	0.00	0.00	88500.00	GL22513956 Dt. 31/12/2021
4	631866.40	---	15259250.40	GL23139713 Dt.22/06/2022
	1566995.60	8260648.30	99701467.90	Total

The set of plans, received from you vide SWC number cited above, is hereby
Approved subject to acceptance and follow up of following conditions by you.

- 1) You had submitted plans and drawings for **14901.24 m²** of plinth area for the plot area of **39980.00 m²**., at present this office has approved plans for total up to date **48346.84 m²**. of built up area. This office has approved **09 Nos.** of drawing details of which are mentioned on the accompanying statement.
- 2) In case of approval to the modified plans, the original approval to the drawings granted earlier is treated as cancelled as the drawing approved now supersedes the

previously approved drawing. You are requested to return the above cancelled drawings to this office for record and cancellation.

A. In case of approval to the modified plans, the earlier approval to the building plans granted vide letter no. EE/DN.II/MHP/SPA/ A97808/of 2020 Dt. 16 /03/2020 from the office of the Executive Engineer, MIDC, Division No. II, Mahape is treated as cancelled. The drawings approved now supersede the previously approved drawings. You are requested to return the cancelled plans to this office.

B. The drawings submitted now includes existing/proposed structures/ Fresh proposed plans, which were not approved previously. Present approval along with the previously approved plans vide letter no. Nil from the office of the Executive Engineer Dn. II, Mahape, is to be treated as combined approval.

3. In addition, to this approval the plot holder shall obtain approval for plans from other requisite authorities as per necessity, such as from :-
The building plans needs to be got approved from :
 - i) Directorate of Industrial Safety & Health.
 - ii) Any other Govt. authorities which may be mandatory.
4. You will have to obtain Environment Clearance Certificate before Commencement of any construction activities, if applicable to their project as per the notification issued by MoEF, Govt. of India vide Notification issued by MoEF, New Delhi dtd.14/09/2006 and its subsequent amendments'.
5. You are requested to submit certified copies of above approvals from the concerned authorities to this office, in triplicate before any work is started OR within three months from the date of issue of this letter whichever is earlier.
6. For the sanitary block, overhead water storage tank shall be provided at the rate of 500liter per W.C. or Urinal.
7. For necessary approach road to the plot from the edges of MIDC. Road, 900 mm dia CD works or a slab drain of required span and size shall be provided.
8. Temporary structures shall not be allowed except to during construction period (after obtaining prior approval from Executive Engineer.) and the same shall be demolished immediately after building work is completed.
9. During the period of construction, stacking of materials shall be done only in the area of plot allotted. In no case, material be stacked along MIDC, road land width/open plot area.
10. The marks demarcating boundary of the plot shall be preserved properly and kept in good condition and shown to department staff as and when required.
11. No tube well, bore well or open well shall be dug.
12. Plans for any future additions, alterations or extensions will have to be got approved from this office, as well as from concerned competent authority.
13. The present approval to the plans does not pertain to approval to the structural design, RCC members, foundations etc. It is only locational approval to the layout of various structures & floors with reference to the plot, in accordance to MIDC DCR.
14. In case any power line is passing through the plot, the plot holder should approach MSEDCL and obtain their letter specifying the vertical and horizontal clearance to be left and plan his structures accordingly.
15. The compound wall gate should open inside the plot and if the plot is facing on two or more sides of the road then gate shall be located at least 15 m. away from the corner of junction or roads.

16. Plot holders shall make his own arrangement for 24 hours of storage of water, as uninterrupted water supply cannot be guaranteed.
17. In case, water stream/nalla is flowing through the allotted plot, the plot holder has to ensure that the maximum quantity of rain water that flows at the point of entry of stream is allowed to flow uninterruptedly through the plot and upto the point of out flow of the original stream. The points of entry and exit of the natural stream shall not be changed. The detailed plans section and design for allowing maximum expected discharge of rainwater through the plot have to be furnished to this office and no filling of plot and diversion of nalla is allowed unless a written permission is obtained from the Executive Engineer/SPA.
18. This permission stands cancelled, if no construction work is started within twelve months from the date of issue of this letter or the date given in the agreement to lease to start construction work whichever is earlier. The date of starting construction work and date of completion shall be informed to the Executive Engineer in charge immediately. The construction shall be completed within the given stipulated time limit as per the lease agreement.
19. Breach of any rules stipulated will render the plot -holder liable for action as provided in MIDC., Act 1961 (II of 1962 and regulations made there under) and also terms of lease agreement and schedule of penalties prescribed by the Corporation for this purpose.
20. This office is empowered to add, amend, vary or rescind any provisions of Building Rules & regulations from time to time as it may deem fit, and the plot-holder has to be abide by these rules and regulations.
21. As soon as the building work is completed, the plot-holder shall approach to the concerned Deputy Engineer/Executive Engineer, to get the work verified and building shall not be occupied unless building completion certificate and occupancy certificate is obtained from this office.
22. The plot-holder within a period of one year from the date of agreement to lease, shall plant at least one tree per 100 Sq. m. of plot area along the periphery of the plot. In addition, he shall also plant one tree per 15 m. on the frontage of road or part thereof inside the plot and maintain the trees so planted in good condition throughout the period of agreement to lease.
23. The basement if provided is to be used only for storage purpose. No manufacturing activates are allowed, similarly toilet is not allowed at the basements.
24. The Name and plot number shall be displayed at main entrance of plot.
25. The plot holder shall construct ETP as per consent of MPCB & treat & dispose effluent as per MPCB Consent to establish & operate.
26. The plot holder shall ensure that, the foundation of the building / structure shall rest on the firm strata and not on made up / filled ground. The Architect and structural consultant appointed by the owner will be solely responsible for this condition.
27. MIDC issues permission for development of plots which are situated on river banks, adhering to the contents of the River Policy dt.13th July 2009 and as per category of Industries. PIL No. 17 of 2011 is filed against this policy at the Hon'ble High Court Bombay. It is clarified that, grant of any permission by the MIDC to any new industry in industrial estate situated on river banks will be subject to any further orders which may be passed by Hon'ble High Court, Bombay under PIL No. 17 of 2011.
28. Since you have consumed 1.21 of FSI as per the approved plan, you are requested to utilized remaining FSI as per agreement to lease.
This building plan approval is with respect to planning point of view and in accordance to MIDC's Development Control Rules, since MIDC is Special Planning Authority (SPA) for this Area.

B) Drainage Plan Approval (Internal Works)

The set of plans in triplicate received along with the letter under reference for the above work is scrutinized the proposal is approved subject to condition as follows:

- 1) The work of internal and external water supply and sanitary fittings etc for the above building shall be carried out through the a licensed plumber registered at local authority or of Environmental Engineering Department, or Govt. of Maharashtra.
- 2) The work should be carried out as per specifications confirming to I.S.S. In case they are not covered under I.S.S. then standard practice allowed by Municipal Corporation / or Local Council shall be followed.
- 3) The wastewater from water closets and urinals shall be passed through a septic tank of standard design.
- 4) The present approval to the plans does not pertain to the design of septic tank, effluent treatment plant etc. It is only location approval to these structures with reference to the plot.
- 5) You will be allowed to join your effluent to MIDC's common effluent collection System only after obtaining of necessary N.O.C. from M.P.C. Board and actual Commissioning of pretreatment activity the factory effluent will be allowed to connect to MIDC system.
- 6) Overhead water tank shall be provided at the rate of 500 Litters per W.C./ Urinal provided.
- 7) The waste water from the closets and Urinals shall be passed through the septic tanks, which is to be adequate to meet the requirements of the persons working in the factory and process waste if any, prior to septic tank in series with suitable size of 100mm dia sewer trap, inspection chamber with 80 mm dia vent pipe shall be provided.
- 8) All vent pipes shall be minimum 80 mm dia size.
- 9) All rain water down take pipes shall be minimum 100 mm dia and should be provided at the rate of 1 Nos. Per 25 Sq. m. of roof area.
- 10) All S.W. pipes shall be minimum of 150 mm dia size.
- 11) It should be seen that no overflow of water from the soak pit or any process waste enters in to adjoining property or road.
- 12) Rain water pipes are not to be connected to underground effluent collection system. Separate drainage system shall be provided for collection of Industrial and Domestic wastes. Manholes shall be provided at the end of collection system with Arrangements for measurement of the flow.
- 13) In case any of the requirements, stated as above is violated by the plot holder then he is liable for disconnection of water supply and is liable for action provided under\ MIDC., Act and various regulations and as per provision in the lease agreement.
- 14) The completion of work as per above requirements, it shall be jointly, inspected by the concerned Deputy. Engineer, of MIDC and your representative who has designed and executed work, without which drainage completion certificate will not be issued.

15) The waste water after treatment shall be soaked in a soak pit, if sewer line is not available for the plot; whereas if effluent collection system, of MIDC is functioning, then effluent shall be connected to the same after getting drainage plans approved from this office. The effluent shall be outletted only after pretreatment confirming to the standards stipulated by Maharashtra Pollution Control Board of Govt. of Maharashtra and after obtaining their consent under water Act 1974, Air Act 1981, & Hazardous waste Rules 2008 and subsequent amendments.

You are hereby requested to go through above approvals carefully along with the terms & conditions in respect of each approval and take necessary actions accordingly in complying the same scrupulously.

Thanking you.

Yours faithfully,
RAJARAM Digitally signed by
RAJARAM
GUNDERAO GUNDERAO RATHOD
RATHOD Date: 2022.06.27
13:47:48 +05'30'
Executive Engineer &
And Special Planning Authority
MIDC, Division No. II, Mahape.

- DA:-1.** One Statement showing details of
drawings and built up area approved.
2. Copy of approved drawings/plans.

Copy submitted for favour of information to :

1. The Collector, District Thane.
2. The Municipal Commissioner, N.M.M.C.
3. The Chief Fire Officer, MIDC, Andheri.

Copy f.w.c.'s for information to:

1. The Regional Officer, MIDC Mahape.
2. Architect SHOEB SHAIKH, Reg. No. CA/2013/60875, for information & further needful please.

Copy to

1. The Deputy Engineer, MIDC Sub Dn. No. I, Mahape for information.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A GOVERNMENT OF MAHARASHTRA UNDERTAKING)

This statement is accompaniment to letter No. EE/DN.II/MHP/SPA/C16068/ Of 2022 dtd. 27/06/2022 issued by M.I.D.C. Addressed to M/s. Amanthin Info Parks Pvt. Ltd. for Plot no. D-31 & D-32 in TTC Industrial Area. Tracking ID:SWC/14/521/20211214/799347.

Allottees Name: M/s. Amanthin Info Parks Pvt. Ltd.

Plot no. :- D-31 / D-32

Sr. No	Drq. No.	Name of Architect	Description	Basement	Ground Floor	Double Ht. Area	1st Floor	2nd to 5th floor	6th & 10th Floor	7th, 8th, 9th, 11th, 12th & 13th floor	Excess Balcony area (COUNT IN FSI)	Total BUA
				Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.
A) Existing Approval & BCC												
1			Existing BCC vide no. SPA/TTC/ D-31 & D-32/2357/07 Dt. 02/06/2008		30455.80							30455.80
2			Earlier Demolition Permission granted vide letter No. 632 Dt. 15/03/2012		(-) 590.16							(-) 590.16
3			Earlier Demolition of Existing Building Vide No. A20132 dtd. 15/01/2020.		(-) 16216.08							(-) 16216.08
4			Demolition of Existing Building Vide No. C04503 dtd. 17/06/2022.		(-) 13649.56							(-) 13649.56
5			Balance Area after Demolition =		0.00							0.00
6			Previous plan approval vide No. EE/DN.II/MHP/SPA/ A97808/of 2020 Dt. 16 /03/2020		19.43		19.43	1903.06 x 4 = 7612.24	1680.30 x 2 = 3360.60	1903.06 x 6 = 11418.36	43.101 x 10 = 431.010	22861.07
Treated As Cancelled												

RAJARAM GUNDERAO
RATHOD

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RATHOD
Date: 2022.06.27 13:48:00 +05'30'

Sr. No	Dr. No.	Name of Architect	Description	Basement	Ground Floor	Double Ht. Area	1st Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	Total BUA
			Now Proposed Built up area									
7	1 to 9 Dt. 05/02/2022	Architect SHOEBSHAUKH, Reg. No. CA/2013/60875 Valid up to 31/12/2024	1) Layout Plan, Location Plan & Site Plan 2) Details of Septic Tank, Soak Pit, Main gate & Compound wall. 3) Building wise FSI statement & Water requirement etc.	----	----	----	----	----	----	----	----	----
8	2 of 9 Dt. 05/02/2022	As above	1) Ground Floor Plan of Data Centre Bldg. 2) First floor Plan of Data Centre Bldg. 3) Area diagram & area statement for ground floor & 1st floor 4) Floor wise FSI statement of Data Centre Bldg.	----	11501.46	----	11202.54	----	----	----	----	22704.00
9	3 of 9 Dt. 05/02/2022	As above	1) Second Floor Plan of Data Centre Bldg. 2) Third floor Plan of Data Centre Bldg. 3) Area diagram & area statement for 2nd floor & 3rd floor	----	----	----	----	12043.72	3397.88	----	----	15441.60
10	4 of 9 Dt. 05/02/2022	As above	1) Fourth Floor Plan of Data Centre Bldg. 2) Fifth floor Plan of Data Centre Bldg. 3) Area diagram & area statement for 4th floor & 5th floor	----	----	----	----	----	----	3392.39	3392.39	6784.78
11	5 of 9 Dt. 05/02/2022	As above	1) Section A, Section B, Section C of Data Centre Bldg. 2) Elevation A & Elevation B of Data Centre Bldg.	----	----	----	----	----	----	----	----	----

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RAJARAM GUNDERAO
RATHOD
Date: 2022.06.27 13:48:18
+05'30'

Dr. No.	Name of Architect	Description	Basement	Ground Floor	Double Ht. Area	1st Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	Total BUA
			Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.	Area in Sqm.
12	6 of 9 Dt.05/02/2022	1) Basement Plan of Sub Station Bldg. 2) Ground Floor & First floor Plan of Sub Station Bldg. 3) Section B-B 4) Area diagram & area calculation for ground floor & 1st floor 4) Floor wise FSI statement of Sub station Building	995.10 (Free of FSI)	898.36	431.23	896.84	---	---	---	---	2226.43
13	7 of 9 Dt.05/02/2022	1) Second Floor Plan of Sub Station Bldg. 2)Mumty Level & Terrace Plan of Sub Station Bldg. 3) Section D-D & Section Y-Y 4) Area diagram & area calculation for Second floor of sub station Bldg.	---	---	---	---	896.84	---	---	---	896.84
14	8 of 9 Dt.05/02/2022	1) Front Elevation & Side Elevation 2) Side Elevation C & Rear Elevation C	---	---	---	---	---	---	---	---	---
15	9 of 9 Dt.05/02/2022	1)Ground Floor Plan of Gate House. 2)Ground Floor Plan of C-1 Pump Room. 3)Ground Floor Plan of D-1 Pump Room 4)Section A, Section B, Section D-1 & Section E-1 5) Side Elevation & Front Elevation. 6) Area diagram & area calculation. 7) Floor wise FSI Statement	---	177.27 57.96 57.96	---	---	---	---	---	---	293.19
		Now Proposed For Approval =	995.10 (Free of FSI)	12693.01	431.23	12099.38	12940.56	3397.88	3392.39	3392.39	48346.84

Area Statement

1. Plot Area
2. Ground Coverage
3. Total Built up area in
4. Total F.S.I. consumed

:-
:-
:-
:-

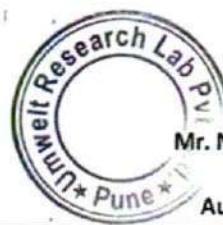
39980.00 Sqm.
15005.30 Sqm.
48346.84 Sqm.
48346.84/39980.00 = 1.21 < 2.00

RAJARAM
GUNDERAO
RATHOD

Digitally signed by
RAJARAM
GUNDERAO RATHOD
Date: 2022.06.27
13:48:28 +05'30'
Executive Engineer & SPA
MIDC, Dn.II, Mahape

TEST REPORT

Reporting Date: 05/12/2022

Sample / Report No.	URL/NS/22-23/11/A/562			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.- 400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34, Dated 17-Nov-2022			
Sample declaration as provided by customer :				
Monitoring For	Work Zone Air Monitoring			
Sampling Location	South of Data Hall			
Indoor air monitoring equipment	URL/LAB/INS/77 Valid Till 24/12/2022			
Sample Drawn by / Date	Laboratory-25/11/2022	Sample Received On	26/11/2022	
Sampling Duration	8 hrs	Start of Analysis	26/11/2022	
Sample Container	Filter paper, Absorbing Sol. Bottle	End of Analysis	02/12/2022	
Sampling Procedure	Each analytical method covers the sampling procedure as well			
Limits Reference	As Per OSHAS Standard, As per Factory act Schedule II			
Start Time	09:10 PM	End Time	17:10 PM	
Lateral Distance	0.5 m away from the source	Receptor Height	3.0 m from ground level	
Wind Speed (Km/Hr*)	0.6 km/h	Wind Direction	East To North	
Parameters	Results	Limits	Units	Method
Suspended Particulate Matter	3.0	<15	mg/m ³	NIOSH500
Sulphur Dioxide SO _x	0.68	<5	ppm	IS 5182 (Part 2):RA2017
Oxides of Nitrogen NO _x	0.74	<5	ppm	IS 5182(Part 6)RA2017
Note: NA- Not Applicable				
Remark : Results are within mentioned Standard limits.				
 Mr. Nandkishor Gaidhani (Director) Authorized Signatory				

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Format No : URL /LAB/F/124

TEST REPORT

Reporting Date: 05/12/2022

Sample / Report No.	URL/NS/22-23/11/A/561			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.-400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34,Dated 17-Nov-2022			
Sample declaration as provided by customer :				
Monitoring For	Ambient Air Monitoring			
Sampling Location	Near Security Main Gate			
Ambient Air Monitoring equipment	URL/LAB/INS/72 Calibration Valid Till 27/02/2023			
Sample Drawn by / Date	Laboratory-25/11/2022 To 26/11/2022	Sample Received On	26/11/2022	
Sampling Duration	24hr	Start of Analysis	26/11/2022	
Sample Container	Filter paper, Absorbing Sol. Bottle, Charcoal Tube	End of Analysis	02/12/2022	
Sampling Procedure	As Per Respective IS/APHA/EPA guidelines			
Limits Reference	As Per National Ambient Air Quality Standards (NAAQS) for GSR 826 (E)Dated 16/11/2009			
Start Time	02:57 PM	End Time	02:57 PM	
Lateral Distance	5.0 m Away From the source	Receptor Height	1.5m Above from ground level	
Ambient Temperature	31.4°C	Humidity	44%	
Wind Speed (Km/Hr*)	10 km/h	Wind Direction	East To North	
Parameters	Results	Limits	Units	Method
Particulate Matter PM _{2.5}	49.44	<60	µg/m ³	IS 5182 (Part 24) :RA 2019
Particulate Matter PM ₁₀	57.96	<100	µg/m ³	IS 5182 (Part 23):RA 2017
Sulphur Dioxide SO ₂	15.54	<80	µg/m ³	IS 5182 (Part 2):RA2017
Nitrogen Dioxide NO ₂	13.70	<80	µg/m ³	IS 5182 (Part 6):RA2017
Ammonia as NH ₃	5.19	<400	µg/m ³	CPCB Guideline
Carbon Monoxide CO	0.46	<2	mg/m ³	IS 5182 (Part 10):RA2019
Lead as Pb	BDL(DL=0.01)	<01	µg/m ³	IS 5182 (Part 22):2004 RA:2019
Ozone as O ₃	15.79	<100	µg/m ³	IS 5182 (Part 09): 1974 RA:2019
Nickel as Ni	BDL(DL=0.05)	<20	ng/m ³	CPCB Guideline
Arsenic as As	BDL(DL=0.05)	<6	ng/m ³	CPCB Guideline
Benzene as C ₆ H ₆	BDL(DL=1)	<05	µg/m ³	IS 5182 (Part 11):2006 RA:2017
Benzo(a)pyrene as BaP	BDL(DL=0.5)	<01	ng/m ³	IS 5182 (Part 12):2004 RA:2019

BDL- Below Detection Limit

Remark : Results are within NAAQ Standard limit



Mr. Nandkishor Gaidhani
(Director)
Authorized Signatory

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-End of Report-

page 1 of 1

Format No : URL/LAB/F/124

TEST REPORT

Reporting Date: 05/12/2022

Sample / Report No.	URL/NS/22-23/11/A/560			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.-400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34,Dated 17-Nov-2022			
Sample declaration as provided by customer :				
Monitoring For	Ambient Air Monitoring			
Sampling Location	Gantry Hall West Side			
Ambient Air Monitoring equipment	URL/LAB/INS/71 Calibration Valid Till 27/02/2023			
Sample Drawn by / Date	Laboratory-25/11/2022 To 26/11/2022	Sample Received On	26/11/2022	
Sampling Duration	24hr	Start of Analysis	26/11/2022	
Sample Container	Filter paper, Absorbing Sol. Bottle, Charcoal Tube	End of Analysis	02/12/2022	
Sampling Procedure	As Per Respective IS/APHA/EPA guidelines			
Limits Reference	As Per National Ambient Air Quality Standards (NAAQS) for GSR 826 (E)Dated 16/11/2009			
Start Time	02:28 PM	End Time	02:28 PM	
Lateral Distance	5.0 m Away From the source	Receptor Height	1.5m Above from ground level	
Ambient Temperature	31.4°C	Humidity	44%	
Wind Speed (Km/Hr*)	10 km/h	Wind Direction	East To North	
Parameters	Results	Limits	Units	Method
Particulate Matter PM _{2.5}	46.76	<60	µg/m ³	IS 5182 (Part 24) :RA 2019
Particulate Matter PM ₁₀	61.68	<100	µg/m ³	IS 5182 (Part 23):RA 2017
Sulphur Dioxide SO ₂	13.89	<80	µg/m ³	IS 5182 (Part 2):RA2017
Nitrogen Dioxide NO ₂	10.99	<80	µg/m ³	IS 5182 (Part 6):RA2017
Ammonia as NH ₃	5.42	<400	µg/m ³	CPCB Guideline
Carbon Monoxide CO	0.78	<2	mg/m ³	IS 5182 (Part 10):RA2019
Lead as Pb	BDL(DL=0.01)	<01	µg/m ³	IS 5182 (Part 22):2004 RA:2019
Ozone as O ₃	16.34	<100	µg/m ³	IS 5182 (Part 09): 1974 RA:2019
Nickel as Ni	BDL(DL=0.05)	<20	ng/m ³	CPCB Guideline
Arsenic as As	BDL(DL=0.05)	<6	ng/m ³	CPCB Guideline
Benzene as C ₆ H ₆	BDL(DL=1)	<05	µg/m ³	IS 5182 (Part 11):2006 RA:2017
Benzo(a)pyrene as BaP	BDL(DL=0.5)	<01	ng/m ³	IS 5182 (Part 12):2004 RA:2019

BDL- Below Detection Limit

Remark : Results are within NAAQ Standard limit

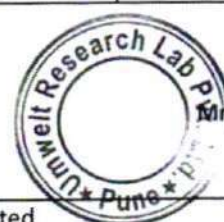


Mr. Nandkishor Gaidhani
(Director)
Authorized Signatory

TEST REPORT

Reporting Date: 05/12/2022

Sample / Report No.	URL/NS/22-23/11/A/559			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.-400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34,Dated 17-Nov-2022			
Sample declaration as provided by customer :				
Monitoring For	Ambient Air Monitoring			
Sampling Location	Gantry Hall East Side			
Ambient Air Monitoring equipment	URL/LAB/INS/70 Calibration Valid Till 27/02/2023			
Sample Drawn by / Date	Laboratory-25/11/2022 To 26/11/2022	Sample Received On	26/11/2022	
Sampling Duration	24hr	Start of Analysis	26/11/2022	
Sample Container	Filter paper, Absorbing Sol. Bottle, Charcoal Tube	End of Analysis	02/12/2022	
Sampling Procedure	As Per Respective IS/APHA/EPA guidelines			
Limits Reference	As Per National Ambient Air Quality Standards (NAAQS) for GSR 826 (E)Dated 16/11/2009			
Start Time	01:55 PM	End Time	01:55 PM	
Lateral Distance	5.0 m Away From the source	Receptor Height	1.5m Above from ground level	
Ambient Temperature	31.4°C	Humidity	44%	
Wind Speed (Km/Hr*)	10 km/h	Wind Direction	East To North	
Parameters	Results	Limits	Units	Method
Particulate Matter PM _{2.5}	42.28	<60	µg/m ³	IS 5182 (Part 24) :RA 2019
Particulate Matter PM ₁₀	65.72	<100	µg/m ³	IS 5182 (Part 23):RA 2017
Sulphur Dioxide SO ₂	12.42	<80	µg/m ³	IS 5182 (Part 2):RA2017
Nitrogen Dioxide NO ₂	11.47	<80	µg/m ³	IS 5182 (Part 6):RA2017
Ammonia as NH ₃	4.90	<400	µg/m ³	CPCB Guideline
Carbon Monoxide CO	0.59	<2	mg/m ³	IS 5182 (Part 10):RA2019
Lead as Pb	BDL(DL=0.01)	<01	µg/m ³	IS 5182 (Part 22):2004 RA:2019
Ozone as O ₃	16.28	<100	µg/m ³	IS 5182 (Part 09): 1974 RA:2019
Nickel as Ni	BDL(DL=0.05)	<20	ng/m ³	CPCB Guideline
Arsenic as As	BDL(DL=0.05)	<6	ng/m ³	CPCB Guideline
Benzene as C ₆ H ₆	BDL(DL=1)	<05	µg/m ³	IS 5182 (Part 11):2006 RA:2017
Benzo(a)pyrene as BaP	BDL(DL=0.5)	<01	ng/m ³	IS 5182 (Part 12):2004 RA:2019
BDL- Below Detection Limit				
Remark : Results are within NAAQ Standard limit				



[Signature]

Mr. Nandkishor Gaidhani
(Director)
Authorized Signatory

Reproduction of this report in full or in parts is prohibited. The results relate to sample tested

-End of Report-

TEST REPORT

Reporting Date:05/12/2022

Sample / Report No.	URL/NS/22-23/11/W/558			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.-400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34,Dated 17-Nov-2022			
Nature of Sample	Water			
Sample declaration as provided by customer:				
Name of Sample	Drinking Water – Near Worker's Rest Center			
Batch No.	NA	Sample Condition	Fit For Analysis	
Sample Collected by / Date	Laboratory/ 26/11/2022	Sample Received On	26/11/2022	
Sample Quantity	2 lit + 250 ml	Start of Analysis	26/11/2022	
Sample Container	Plastic Can + Plastic Sterilized bottle	End of Analysis	03/12/2022	
Sampling Procedure	As Per IS 3025 (Part 1):1987 RA:2019 + IS 1622:1981 RA:2019			
Limits of Reference	IS 10500:2012 RA:2018			
Parameters	Results	Limits	Units	Method
Physical Parameters				
Colour	1.0	Max 5	Hazen	IS 3025 (Part4):2021
Free Residual Chlorine	BDL(DL=0.01)	Min 0.2***	mg/L	IS 3025 (Part 26):2021
Note:NA- Not Applicable, NS- Not Specified, BDL- Below Detection Limit.				
*** to be applicable only when water is chlorinated.				
Remark : Above sample parameters are within prescribed IS 10500 : 2012 RA:2018 limits				
			 Mr. Nandkishor Gaidhani (Director) Authorized Signatory	

Reproduction of this report in full or in parts is prohibited. The results relate to sample tested

TEST REPORT

Reporting Date:05/12/2022

Sample / Report No.	URL/NS/22-23/11/W/558			
Name of Customer	L&W Construction Private Limited (Project name : AMANATH INFO PARK PVT LTD)			
Address of Customer	Plot No. D31 & D32, Turbhe, MIDC, TTC Industrial A, Navi Mumbai, Maharashtra, India.-400070			
Order / Reference	As Per Work Order Number: LWC/P2203/WO/34,Dated 17-Nov-2022			
Nature of sample	Water			
Sample declaration as provided by customer:				
Name of Sample	Drinking Water – Near Worker’s Rest Center			
Batch No.	NA	Sample Condition	Fit For Analysis	
Sample Collected by / Date	Laboratory/ 26/11/2022	Sample Received On	26/11/2022	
Sample Quantity	2 lit + 250 ml	Start of Analysis	26/11/2022	
Sample Container	Plastic Can + Plastic Sterilized bottle	End of Analysis	03/12/2022	
Sampling Procedure	As Per IS 3025 (Part 1):1987 RA:2019 + IS 1622:1981 RA:2019			
Limits of Reference	IS 10500:2012 RA:2018			
Parameters	Results	Limits	Units	Method
Physical Parameters				
pH at 25 °C	7.30	6.5 to 8.5	-	APHA 4500 H ⁺ B 23 rd Ed.2017
Turbidity	0.17	Max 1	NTU	IS 3025 (Part 10): 1984
Total Dissolved Solids	48.0	Max 500	mg/L	IS 3025 (Part 16): 1984
Chemical parameters				
Total Alkalinity as CaCO ₃	19.61	Max 200	mg/L	IS 3025 (Part 23): 1986
Total Hardness as CaCO ₃	17.65	Max 200	mg/L	IS 3025 (Part 21): 2009
Calcium as Ca	4.31	Max 75	mg/L	IS 3025 (Part40):1991
Magnesium as Mg	1.67	Max 30	mg/L	IS 3025 (Part 46):1994
Sulphate as SO ₄	1.63	Max 200	mg/L	APHA 4500 SO ₄ ²⁻ E 23 rd Ed. 2017
Chloride as Cl	15.19	Max 250	mg/L	IS 3025 (Part 32): 1988
Nitrate as NO ₃	BDL(DL=0.1)	<45	mg/L	APHA 4500 NO ₃ B 23 rd Ed.2017
Iron as Fe	BDL(DL=0.0115)	Max 0.30	mg/L	IS 3025 (Part 2):2019
Microbiological Testing				
Total Coliform	Absent	Absent	Per100ml	IS 15185:2016
E.coli	Absent	Absent	Per100ml	IS 15185:2016

Note:NA- Not Applicable, NS- Not Specified, BDL- Below Detection Limit.



Mr. Nandkishor Gaidhani
(Director)
Authorized Signatory





Maharashtra Pollution Control Board
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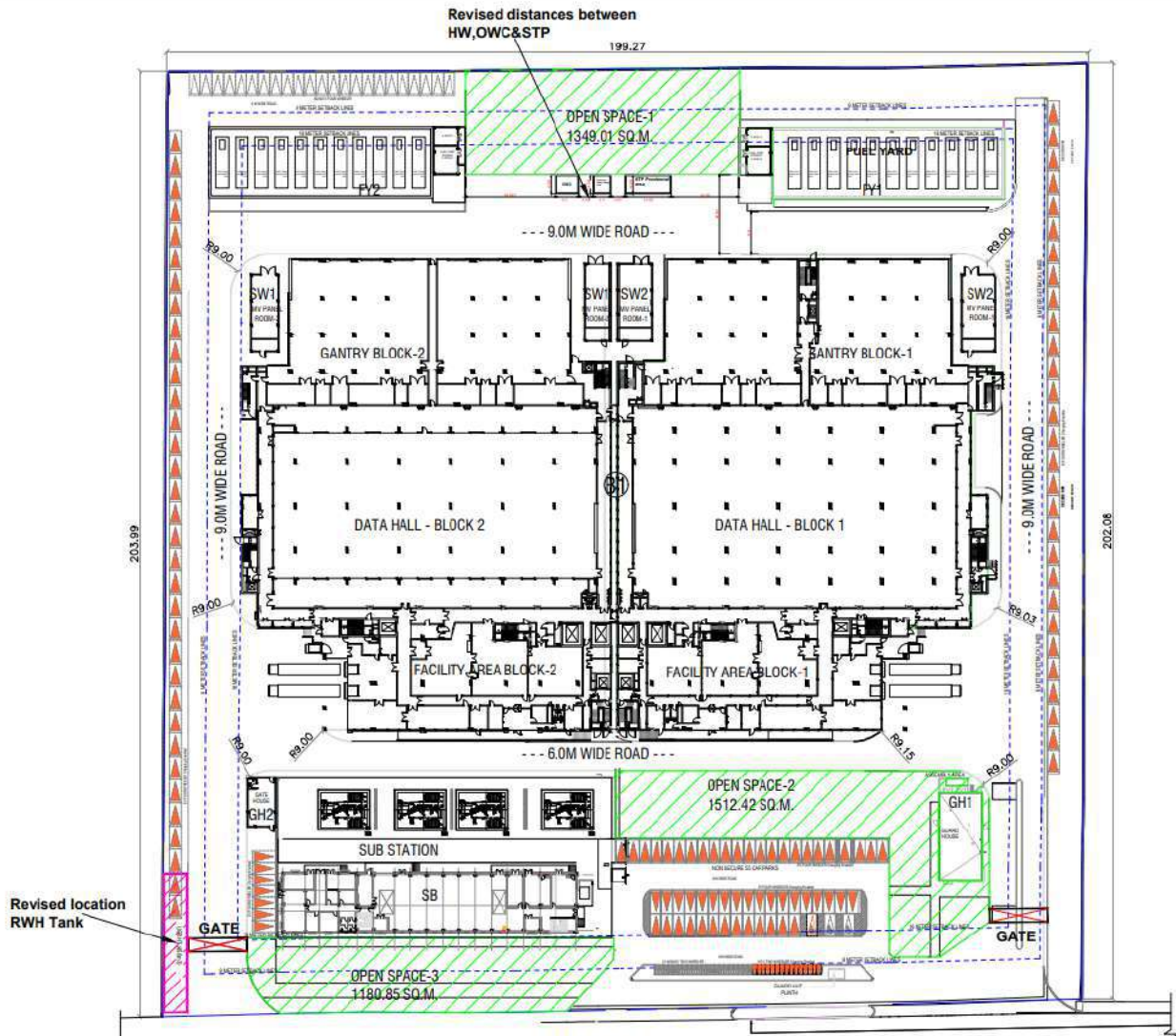
Maharashtra Pollution Control Board

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37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary



Undertaking

To,
Member Secretary,
SEAC II, Environment Department,
Govt. of Maharashtra,
Room No. 217, 2nd Floor,
Mantralaya Annexe,
Madam Cama Road, Mumbai -32

M/s. Amanthin Info Parks Pvt. Ltd. (AIPPL) has proposed expansion of Data Centre project at Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703, AIPPL hereby undertake and commit that the upcoming data centre on the above-mentioned address will fulfil 5% of total energy demand through the renewable energy sources.

AIPPL being a developer is constructing data centre for the occupier, which is yet not finalized. However, AIPPL will make sure that Occupier will get in to the Agreement with the third party for generation of 5% of total electrical load for the said data centre through the renewable energy source i.e., Solar power within the Maharashtra state only. AIPPL further assures that the clause of third-party power purchase will be part of agreement between AIPPL and occupier.

Thanking You,

For, M/s. Amanthin Info Parks Pvt. Ltd.



Authorized signatory

Date: 10.02.2023

Place: Navi Mumbai



UNDERTAKING

M/S. AMANTHIN INFO PARKS PVT. LTD has proposed to develop a Data Center project at Plot No. D- 31 and D-32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane – 400703.

Proposed project will generate 8.2CMD wastewater and to treat the same PP has proposed STP of capacity 10 KLD. Treated water shall be used for gardening and flushing during non-monsoon season achieving Zero Liquid Discharge (ZLD) and during monsoon period as gardening water requirement will be nil, treated water will be disposed in MIDC sewer line. Further PP also undertakes that the sludge generated shall be handled using filter bags and use as manure. The treated water from STP will be monitored & treated water quality will achieve the standards as per NGT and amendments thereafter as mentioned below:

Parameters	Outlet	UoM
Temperature	Shall not exceed 5°C above the receiving	°C
pH	6.5-7.5	--
Colour	Colorless	Hazen
Odour	Odourless	--
O&G (mg/l)	<5	mg/l
BOD (mg/l)	<10	mg/l
COD (mg/l)	<30	mg/l
TSS (mg/l)	<10	mg/l
Total Nitrogen (as N), (mg/l Max.)	<10	mg/l
Nitrate	<10	mg/l
Dissolve PO4 (as P)	<1	mg/l
Residual Chlorine	<1	mg/l
Ammonical Nitrogen (as N)	5	mg/l
Free Ammonia (As N)	5	mg/l
Arsenic	0.2	mg/l
Lead	0.1	mg/l
Cadmium	2.0	mg/l
Hexavalent Chromium (as Cr)	2.0	mg/l
Copper (as Cu)	3.0	mg/l
Zinc (as Zn)	5.0	mg/l
Nickel (as Ni)	3.0	mg/l
Fluoride (as F)	2.0	mg/l
Mangnese (as Mn)	2.0	mg/l

Sulphide (as S)	2.0	mg/l
Phenlic Compounds (as C ₆ H ₅ OH)	1.0	mg/l
Iron (as Fe)	3.0	mg/l
Fecal Coliform (MPN/100ml)	Nil	MPN/100ml

Thanking You,

For, M/s. AMANTHIN INFO PARKS PVT. LTD


Authorized Signatory



Date: 10.02.2023
Place: Navi Mumbai



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, पांचवां तल, कै.टी.ए. कॉम्प्लेक्स परिसर, सी.बी.डी, बेलपुर

नवी मुंबई (महाराष्ट्र) - 400614

A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.).

Mumbai - 400614

E-mail: jccemumbai@explosives.gov.in
Phone/Fax No: 022 - 27575946, 27573881

दिनांक / Dated: 24/11/2021

संख्या / No: A/PWC/MH/15/3357 (P515179)

सेवा में / To,

M/s. Amanthin Info Parks Pvt Ltd,
One World center, 16th floor, Tower 2A, Senapati Ba,
Mumbai,
Taluka: Mumbai,
District: MUMBAI
State: Maharashtra
PIN: 400013

विषय / Sub

M/s. Amanthin Info Parks Pvt Ltd,
Plot No. D-31 & D-32, TTC Industrial area, Turbhe MIDC, Thane, Taluka: Thane, District: THANE, State: Maharashtra, PIN: 400703 में प्रस्तावित
पेट्रोलियम वर्ग B अस्थापना के अनुमोदन के सम्बन्ध में।
Proposed Petroleum Storage Class B Installation at Plot No. D-31 & D-32, TTC Industrial area, Turbhe MIDC, Thane, Taluka: Thane, District: THANE,
State: Maharashtra, PIN: 400703 Approval Regardingमहोदय
(Sir/s),

कृपया आपके पत्र क्रमांक OIN925175 दिनांक 22/11/2021 का अवलोकन करें।

Please refer to your letter No. OIN925175 dated 22/11/2021

Drawing(s) nos. SEI012 dated 20/08/2021, SEI-012 dated 17/11/2021, अनुमोदित किया जाता है तथा प्रत्येक आरेखण की एक प्रति विधिवत प्रमाणित कर लौटाई जा रही है।
The Drawing(s) nos. SEI012 dated 20/08/2021, SEI-012 dated 17/11/2021, showing the site and layout etc. of the specified installation is/are approved and one copy of the same is returned herewith in token of approval.Conditions of the Approval:-
With cond 1. to submit the revised LOI of Oil company with proper signed. 2. To mention the north direction in the plan at the time of grant of license.अधिनियम 144 के अंतर्गत निम्नलिखित दस्तावेजों के साथ प्रस्तावित प्लान को जमा कराया जायेगा।
The following documents which are necessary for the grant of a licence in Form XV under Petroleum Rules, 2002 for the subject installation may please be submitted to this office for further action in the matter

1. प्रारूप IX (संलग्नक) विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
An Application in Form IX (enclosed) duly filled in and signed.
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुमति शुल्क रु. 35750/- (प्रति वर्ष - अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
Licence fee of Rs. 35750/- (per year - maximum upto 10 years) to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदित प्लान की ब्लू प्रिंट या सी.एड (CAD) प्रिंट में चार प्रतियाँ।
Four copies of the approved plans in blue print or cad print incorporating the conditions, of approval if any, without any ink corrections, duly signed by the authorised signatory
4. इस संकेतन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के साथ सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्रारूप (संलग्नक) में सेल्फी और टेस्ट प्रमाण-पत्र।
Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 in the prescribed proforma (copies enclosed) issued by Competent person recognised by this organisation bearing his signature stamp.
5. पेट्रोलियम नियम के नियम 144 के अंतर्गत प्लान अधिकारी द्वारा जारी अनापत्ति प्रमाण-पत्र की मूल प्रति के साथ उनके द्वारा विधिवत हस्ताक्षरित एवं कार्यालय की मोहर लगा हुआ साईट प्लान।
Original copy of 'No Objection Certificate' from the District Authority under rule 144 of petroleum rules together with site plan duly endorsed by him with his office seal thereon.
6. कार्यालय से होने वाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों) के नमूना हस्ताक्षर।
Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation.

जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के 'सॉल्वेंट, रेफ़िनेट तथा स्लॉप (अधिग्रहण, बिट्टी, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रवणता का क्रय-पाठन करें।
Please follow the requirement/provision of "Solvent, Refined and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

ध्यान दें: यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/वीजा/परमिट प्राप्त करने से या पचा लाने अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

(डा. विवेक कुमार)
(Dr Vivek Kumar)
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महाराष्ट्र) Mumbai(अधिक जानकारी के लिए आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट: <http://peso.gov.in> देखें)(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)

Note:- This is system generated document does not require signature.

Digitally signed by Dr Vivek Kumar
Reason: Approval No. A/PWC/MH/15/3357
Location: West Circle [P515179]
Date: 2021.11.24 02:00:54 +05:30



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, पाँचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलपुर

नवी मुंबई (महा.)- 400614

A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),
Mumbai - 400614

E-mail :

jtccemumbai@explosives.gov.in

Phone/Fax No : 022 -

27575946, 27573284

संख्या /No: A/P/WC/MH/15/3362 (P524608)

दिनांक /Dated : 27/12/2021

सेवा में /To,

M/s. AMINTON INFO PARKS Pvt LTD,
One World Trade Centre, 16th Floor, Tower 2A, Senapa,,
One World Trade Centre, 16th Floor, Tower 2A, Senap
MUMBAI,
Mumbai,
Taluka: Mumbai,
District: MUMBAI
State: Maharashtra
PIN: 400013

विषय /Sub:

M/s. AMINTON INFO PARKS Pvt LTD,
Plot No. D-31& D-32, TTC industrial area Turbe MIDC Navi Mumbai, Turbe, Thane, Taluka:
Thane, District: THANE, State: Maharashtra, PIN: 400703 में प्रस्तावित पेट्रोलियम वर्ग B अधिष्ठापन के
अनुमोदन के सम्बन्ध में।
Proposed Petroleum Storage Class B Installation at Plot No. D-31& D-32, TTC industrial area
Turbe MIDC Navi Mumbai, Turbe, Thane, Taluka: Thane, District: THANE, State: Maharashtra,
PIN: 400703 Approval Regarding.

संदर्भ /Ref:

(2)

कृपया आपके पत्र क्रमांक OIN960532 दिनांक 20/12/2021 का अवलोकन करें।

Please refer to your letter No. OIN960532 dated 20/12/2021

Drawing(s) nos. 01 dated 06/12/2021, 02 dated 06/12/2021, अनुमोदित किया जाता है तथा प्रत्येक अतिरिक्त की एक प्रति विधिवत पृष्ठांकित कर लौटाई जा रही है।

The Drawing(s) nos. 01 dated 06/12/2021, 02 dated 06/12/2021, showing the site and layout etc. of the specified installation is/are approved and one copy of the same is returned herewith in token of approval.

Conditions of the Approval:-

Water monitor location should shown in drawing

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें।

The following documents which are necessary for the grant of a licence in Form XV under Petroleum Rules, 2002 for the subject installation may please be submitted to this office for further action in the

matter.

1. प्रारूप IX (संलग्न) में निम्नलिखित भरा हुआ एवं हस्ताक्षरित आवेदन:
An Application in Form IX (enclosed) duly filled in and signed
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध है-भुगतान सुविधा के माध्यम से अनुज्ञापि शुल्क रु 35750/- (प्रति वर्ष - अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
A license fee of Rs. 35750/- (per year - maximum upto 10 years) to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
3. अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।
Four copies of the approved plans in blue print or cad print incorporating the conditions, of approval if any, without any ink corrections, duly signed by the authorised signatory
4. इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्पष्ट सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यकक निष्पक्षित प्रारूप (संलग्न-) में सेफ्टी और टेस्ट प्रमाण-पत्र।
Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 in the prescribed proforma (copies enclosed) issued by Competent person, recognised by this organisation bearing his signature stamp.
5. पेट्रोलियम नियम 144 के अंतर्गत जिला प्राधिकारी द्वारा जारी 'अनापत्ति प्रमाण-पत्र' की मूद्रा प्रिंट के साथ उनके द्वारा विधिवत हस्ताक्षरित एवं कार्यालय की मोहर लगा हुआ साईट प्लान।
Original copy of 'No Objection Certificate' from the District Authority under rule 144 of petroleum rules together with site plan duly endorsed by him with his office seal thereon.
6. कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों) के नमूना हस्ताक्षर।
Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation.

जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के 'सॉल्वेंट, रेफिनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।

Please follow the requirement/provision of "Solvent, Raffinate and Sllop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

किन्तु भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या तथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

((डा.अनुज कुमार)
(Dr. Anuj Kumar)
विस्फोटक निष्पक्षक

Controller of Explosives

कृते संयुक्त मुख्या विस्फोटक निष्पक्षक

For Jt. Chief Controller of Explosives

नवी मुंबई (महाराष्ट्र./Mumbai)

अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें।

For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>

Note:- This is system generated document does not require signature.

Notice

1. फॉर्म IX (संलग्न) में निम्नलिखित "या हुआ" एवं हस्ताक्षरित अंश दर्ज करें:
An Application in Form IX (enclosed) duly filled in and signed
2. पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-पुलान सुविधा के माध्यम से अनुज्ञापित शुल्क रु 35750/- (पचास हजार) - अधिकतम 10 वर्ष (तक) ऑनलाइन जमा किया जाना है।
A license fee of Rs. 35750/- (per year - maximum upto 10 years) to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002
3. अनुमति प्राप्त की ब्यू रिट या सीएडी (CAD) रिट में चार प्रतियाँ।
Four copies of the approved plans in blue print or cad print incorporating the conditions, of approval if any, without any ink corrections, duly signed by the authorised signatory.
4. इस संगठन द्वारा मान्यता प्राप्त संक्षेप व्यक्ति द्वारा उनके हस्ताक्षर के साथ सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्रारूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 in the prescribed proforma (copies enclosed) issued by Competent person, recognised by this organisation bearing his signature stamp.
5. पेट्रोलियम नियम के नियम 144 के अंतर्गत जिला प्रधिकारी द्वारा जारी "अनुमति प्रमाण-पत्र" की पूरा प्रति के साथ उनके द्वारा विधिवत हस्ताक्षरित एवं कार्यालय की मोहर लगा हुआ सॉफ्ट क्लोन।
Original copy of "No Objection Certificate" from the District Authority under rule 144 of petroleum rules together with site plan duly endorsed by him with his office seal thereon.
6. कार्यालय से होनवाले प्रचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों) के मूला हस्ताक्षर।
Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation.

जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिनियमित अक्टूबर 2000 के संश्लेषित, रजिस्टर्ड तथा संपूर्ण (अग्रिम) विक्री, भंडारण और अर्द्धमेलन में उपयोग की श्रेणी में अंतर्भूतता/प्रवेशन का कर्तव्य प्रदान करें।

Please follow the requirement/provision of "Solvent, Raffinate and Stock (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000.

नियम 144 एवं अनुमति प्रमाण-पत्र अन्य प्राधिकारियों से आवश्यक अनुमति/कीपर्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय/Yours faithfully,

(डा. अनुज कुमार)
(Dr. Anuj Kumar)
विस्फोटक निग्रहक

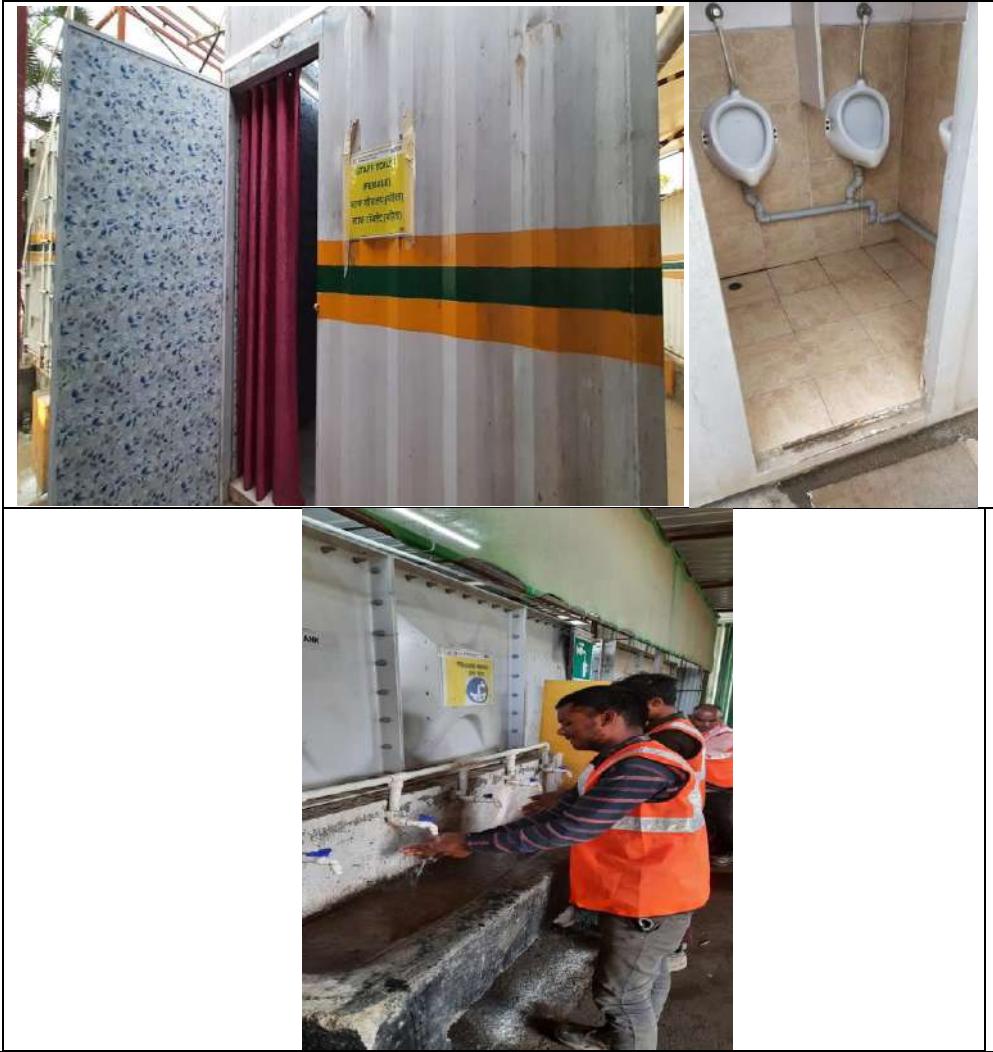
Controller of Explosives
कृते संपूर्ण मुख विस्फोटक निग्रहक
For Mr. Chief Controller of Explosives
नवी मुंबई (महाराष्ट्र), Mumbai

अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट - <http://peso.gov.in> देखें।

For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>

Note:- This is system generated document does not require signature.

Mobile toilets and Drinking water facilities is provided for construction workers at the site.



MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)



No. MIDC/IFMS/THANE I/E&MD/ EEThane2 /
2022/ A38166
Office of the Executive Engineer, M.I.D.C.,
Division No.2, Mahape, Navi Mumbai
Date 01 /02/2022.

To,
M/s. Amanthin Info Parks Pvt. Ltd.,
Plot No. D-31 & D-32,
MIDC ,TTC Industrial Area,
Turbhe, Navi Mumbai.

Sub :- TTC Industrial Area.....

Permission for felling & transplantation of trees on Plot
no.D-31 & D-32.

Ref :- Your application vide No. SWC/14/522/20211007/787646.

Dear Sir,

Since Tree Authority of MIDC has approved the proposal on the said plot and you have also paid tree authority fund of Rs. 6000/- (SGST+ CGST) vide Receipt No. GL22342352 date 06/10/2021 & Security deposit of Rs. 20,10,000/- vide Receipt No. GL22566897.dated 25/01/2022, permission for felling of 26 nos. of trees & transplantation of 175 nos. of trees. is hereby granted as shown in the tree layout drawing attached herewith subject to following conditions:

- 1) You have to fell the trees by planting additional trees with the ratio of 1:5 or more trees against approval given for felling trees as shown in the drawing.
- 2) You have to replant the trees and additionally plant new trees with the ratio 1:3 i.e. or more trees against approval given for re-plantation of trees as shown in the drawing.
- 3) The Security Deposit shall be refunded after three years, subject to following conditions.
 - i) It shall be the duty of applicant/owner to see the growth of trees and shall give the report to the Tree Officer once in a six month about the condition of trees for a period of three years.
 - ii) In case of failure, the Tree Officer will initiate action as per the Maharashtra (Urban Areas) Protection & Preservation of Tree Act (1975) as mentioned in affidavit & modified act on 16th Jan. 2017.
- 4) The felling & disposal of tree is at the risk & cost of the applicant.

- 5) Whoever fells any tree or causes any tree to be felled in contraventions of the provisions of the act or without reasonable excuse fails to comply with any order issued or condition imposed by the Tree Officer or the Tree authority or voluntarily obstructs any member of the Tree Authority or the Tree officer or any Officer and Servant, subordinate to him in the discharge of their functions under this Act, shall, on conviction, be punished with the fine of not less than one thousand rupees which may extend up to five thousand rupees for every offence and also with imprisonment for a term of not less than one week.
- 6) The felling or causing of felling of each tree without the permission of the Tree Authority shall constitute a separate offence.
- 7) In addition to above you have to submit Bank Guarantee of Rs. 9,00,000/- (Rs. 30,000/- per High Risk Tree proposed for felling/ transplantation) drawn on National Bank/ Scheduled Bank in favour of Executive Engineer, MIDC, Division No. II, Mahape and necessary undertaking in the form D within one week from the date of issue of this permission failing of which permission granted by this letter will be withdrawn without giving any notice.

You are hereby directed to submit the photographs and the CD of the transplantation of the trees, so as to ensure proper transplantation of trees.

As per Maharashtra (Urban Area) Protection & Prevention of Trees ACT, 1975 Section 8(6), 11(1) it is the duty of owner or occupiers of the land to preserve the existing trees. Permission for trimming of 05 nos. of trees is granted on the basis of trees obstructing the construction of building and drive way on the said plot. The allottee shall trim the trees for which Tree Authority MIDC has granted permission scientifically. The terms & conditions for scientifically trimming of trees approved for trimming are as below:-

- 1) Stem of trees & main branches of trees shall not be injured. You are responsible for any injury to trees as per Section (2) of Trees ACT, 1975.
- 2) Allottee shall see that there is no nest of birds or any habitat of wildlife on branches to be trimmed; you are responsible as per Wildlife Protection ACT, 1972.
- 3) Before trimming branches there shall not be any flowering, blossoming, and fruit bearing on the branches of trees. The action will be as per Environment (Protection) ACT, 1986.

- 4) Tree branches trimming shall be as per National Green Tribunal writ petition no. 156/2016 Para no. 13.
- 5) Trimming of branches shall be with hack saw or any horticulturist equipment & Bodo paste (anti algae) shall be applied on trimmed affected area of branches.
- 6) No trees permitted for trimming shall be without leaves as per Trees ACT, 1975.
- 7) Trimming of trees permitted shall not cause death of trees as per Trees ACT, 1975.
- 8) It is the responsibility of owner/occupier to trim the trees with own decision & own expenses required for trimming the permitted trees. The trimmed branches shall be disposed off at your risk & cost. The expenses shall be on your account for disposing the trimmed branches.
- 9) It is your responsibility to submit photographs of permitted trimmed trees within 7 days after trimming of trees.
- 10) No concretization/asphalting/ fixing tiles/paver blocks shall be permitted around the stem of trees within 1 mtr. dia. circle around trees.
- 11) No trees shall be trimmed until fifteen days from the date of issue of this letter.

If you fail to follow the terms & conditions laid down as above and as per act of Maharashtra (Urban Area) Protection & Prevention of Trees ACT, 1975 the action under Section 21(1) will be initiated, Please note.

[illegible]

- Copy submitted for favour of information to:
1) The C. P. MIDC. Mumbai, Andheri (E), Mumbai -93
2) The Member Secretary, Tree Committee, MIDC & Associate planner, MIDC, Andheri (E), Mumbai - 93.
- Copy to Deputy Engineer, MIDC Sub Dn. I, Mahape
- Copy to Guard file.

DG Set Photograph



TEST REPORT					
Report No:		EFEL/PRO/2026/03/1423		Issue Date	26/03/2026
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.			
Sample Name		Ambient Air	Sample Description		Ambient Air
Date of Sampling		16/03/2026 & 17/03/2026	Sampling duration		1440 Min
Start Date of Analysis		17/03/2026	End Date of Analysis		26/03/2026
Sampling Location		Near Main Gate	Sampling Procedure		CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		32 ⁰ C	Wet bulb temperature		27 ⁰ C
Relative Humidity		41 %	Sampling done by		Eurofine Enviro Lab Pvt. Ltd.
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	14.21	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	19.11	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	89.36	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	39.45	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	1.55	mg/m ³	≤ 04	
6	Ozone(O ₃)	19.21	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)
Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					




Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015
• ISO 14001: 2015 • ISO 45001 : 2018

TEST REPORT					
Report No:		EFEL/PRO/2026/03/1424		Issue Date	26/03/2026
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.			
Sample Name		Ambient Air	Sample Description		Ambient Air
Date of Sampling		16/03/2026 & 17/03/2026	Sampling duration		1440 Min
Start Date of Analysis		17/03/2026	End Date of Analysis		26/03/2026
Sampling Location		Behind DC Building	Sampling Procedure		CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		28 ⁰ C	Wet bulb temperature		24 ⁰ C
Relative Humidity		61 %	Sampling done by		Eurofine Enviro Lab Pvt. Ltd.
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	11.59	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	13.25	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	81.25	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	33.21	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.88	mg/m ³	≤ 04	
6	Ozone(O ₃)	10.51	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)
Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					





Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)
 Page 01 of 01

TEST REPORT					
Report No:		EFEL/PRO/2026/03/1425		Issue Date	26/03/2026
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.			
Sample Name		Ambient Air	Sample Description		Ambient Air
Date of Sampling		16/03/2026 & 17/03/2026	Sampling duration		1440 Min
Start Date of Analysis		17/03/2026	End Date of Analysis		26/03/2026
Sampling Location		Near Rupa East	Sampling Procedure		CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature		27 ⁰ C	Wet bulb temperature		23 ⁰ C
Relative Humidity		55 %	Sampling done by		Eurofine Enviro Lab Pvt. Ltd.
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	12.09	µg/m ³	≤ 80	IS 5182(Part 2)
2	Oxides of Nitrogen(NO ₂)	13.44	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	79.87	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	30.25	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	0.41	mg/m ³	≤ 04	
6	Ozone(O ₃)	14.06	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/ m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)
Remark- All above results are within National Ambient Air Quality standards. BDL – Below Detectable Limit.					



Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015
• ISO 14001: 2015 • ISO 45001 : 2018

TEST REPORT				
Report No:	EFEL/PRO/2026/03/1426	Issue Date	26/03/2026	
Name and Address of Customer	M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.			
Sample Name	Noise	Sample Description	Ambient Noise	
Date of Sampling	17/03/2026	Sampling duration	Spot Time	
Sampling done by	Eurofine Enviro Lab Pvt. Ltd.			
Results				
Sr. No.	Locations	Result dB(A) Day	Specifications (CPCB Standards dB(A)	Method
1.	Behind DC Building	59.6	75	CPCB Guideline
2.	Near Main Gate	68.7		
3.	Near DG Set	57.4		
4.	Near GIS Main Gate Site	63.2		
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day -75 dB.				





Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

TEST REPORT							
Report No:		EFEL/PRO/2026/03/1427		Issue Date		26/03/2026	
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.					
Sample Name		Source Emission		Sample Description		Source Emission	
Date of Sampling		17/03/2026		Sampling duration		30 Min	
Start Date of Analysis		17/03/2026		End Date of Analysis		26/03/2026	
Sampling Location		DG SET -250KVA		Sample Description		Stack Material : MS	
Sampling duration		30 Min				Stack Height : 3.5 mtr	
Sampling done by		Eurofine Enviro Lab Pvt. Ltd.				Stack Type : Round	
Sample Quantity		Thimble 1 Nos and 30 ml Solution		Sampling Procedure		CPCB Guideline on methodologies for source emission monitoring	
Results							
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods		
1	Flue Gas Temperature	427	K		--		
2	Differential Pressure	3.5	mm WG				
3	Velocity	7.55	M/s				
4	Dimensions of Stack	0.127	Mtr.				
5	Stack Area	0.01266	M ²				
6	Gas Volume	312.50	Nm ³ /Hr				
7	Particulate Matter	29.12	mg/Nm ³	≤ 150	CPCB Guideline on methodologies for source emission monitoring		
8	Sulphur Dioxide(SO2)	22.87	mg/Nm ³	N.S.			
9	Sulphur Dioxide(SO2)	0.05	Kg/day	-			
10	Nitrogen Oxide (NO ₂)	17.31	mg/Nm ³	N.S.			
Remark-							
➤ All above results are well within MPCB Limit. ➤ BDL.: - Below Detection Limit ➤ N.S.: Not Specified							



Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

TEST REPORT					
Report No:		EFEL/PRO/2026/03/1428		Issue Date	26/03/2026
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.			
Sample Name		Water		Sample Description	Drinking Water
Date of Sampling		17/03/2026		Sampling duration	--
Start Date of Analysis		17/03/2026		End Date of Analysis	26/03/2026
Sampling Location		Office set up area water Cooler		Sampling Procedure	APHA 1060
Sampling done by		Eurofine Enviro Lab Pvt. Ltd.		Sample Quantity	20 Ltr
Results					
Sr. No.	Parameter4	Results	Unit(s)	Specifications (IS 10500)	Methods
1	pH at 25°C	7.93	--	6.5 to 8.5	APHA 4500 H+ A, 23 rd Ed.2017
2	Total Dissolved Solids TDS	27.00	mg/L	<500	APHA 2540 C, 23 rd Ed.2017
3	Total Hardness (as CaCO ₃)	6.06	mg/L	<200	IS 3025 (Part 21)
4	Total Alkalinity	4.60	mg/L	<200	IS 3025 (Part 23)
5	Sulphate (as SO ₄)	1.32	mg/L	<200	IS 3025 (Part 24)
6	Nitrate(as NO ₃)	0.12	mg/L	<45	APHA 4500 NO3, 23 rd Ed.2017
7	Fluoride (as F)	BDL [DL=0.05]	mg/L	<1.0	APHA 4500 F, 23 rd Ed.2017
8	Residual Free Chlorine	BDL [DL=0.05]	mg/L	<0.2	APHA 4500 Cl, 23 rd Ed.2017
9	Chloride (as Cl)	5.00	mg/L	<250	APHA 4500 Cl-, 23 rd Ed.2017
10	Calcium (as Ca)	1.62	mg/L	<75	IS 3025 (Part 40)
11	Magnesium (as Mg)	0.49	mg/L	<30	IS 3025 (Part 46)
12	Iron (as Fe)	BDL [DL=0.1]	mg/L	<0.3	APHA 3111, 23 rd Ed.2017
13	Total Coliform	Absent	MPN/100ml	<2	IS 1622:1981
14	E.coli.	Absent	MPN/100m	<2	IS 1622:1981
Remark-					
➤ The above water sample is Comply with required limit as per 10500:2012.					
➤ For Total Coliform &E.coli. <2 can be consider as Zero [Refer IS:1622 (R.A.1996), Table No.-4].					



Shelar

Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

TEST REPORT				
Report No:		EFEL/PRO/2026/03/1429	Issue Date	26/03/2026
Name and Address of Customer		M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.		
Sample Name		Soil	Sample Description	Soil
Date of Sampling		17/03/2026	Sampling Time	13:10 PM
Start Date of Analysis		17/03/2026	End Date of Analysis	26/03/2026
Sampling Location		Near BC & DG Building	Sampling Procedure	--
Sampling done by		Eurofine Enviro Lab Pvt. Ltd.	Sample Quantity	01 kg
Results				
Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture	Loamy Sand		Manual Of Soil Testing
2	pH at 25 ^o C	8.66	--	IS 2720(Part 26) 1987
3	EC at 25 ^o C	289.10	µS/cm	IS 14767 : 2000
4	Moisture Content	17.61	%	Manual Of Soil Testing
5	Organic Matter	0.18	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	30.80	meq/100g	Manual Of Soil Testing
7	Total Soluble Sulphate	30.02	mg/Kg	Manual Of Soil Testing
8	Available Phosphorus	6.62	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	164.05	mg/Kg	Manual Of Soil Testing
10	Available Potassium (Kg/ha)	347.48	Kg/ha	Manual Of Soil Testing
11	Water Holding	47.38	%	Manual Of Soil Testing
12	Calcium as (Ca)	0.20	mg/Kg	Manual Of Soil Testing
13	Magnesium as (Mg)	0.20	mg/Kg	Manual Of Soil Testing
14	Lead (as Pb)	BDL	mg/Kg	Manual Of Soil Testing
15	Chlorides as Cl	18.38	mg/Kg	Manual Of Soil Testing
16	Zinc (as Zn)	75.89	mg/Kg	Manual Of Soil Testing
17	Iron (as Fe)	35701.44	mg/Kg	Manual Of Soil Testing
18	Potassium (Meq/L)	1.46	Meq/L	Manual Of Soil Testing
19	Sodium (Meq/L)	1.16	Meq/L	Manual Of Soil Testing





Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

TEST REPORT							
Report No:	EFEL/PRO/2026/03/1430			Issue Date		26/03/2025	
Name and Address of Customer	M/s. AMANTHIN INFO PARKS PVT. LTD. Plot No. D-31 & D-32, TTC Industrial Area, Turbhe, Navi Mumbai Dist. Thane - 400703.						
Sample Name	DG-SET-Noise			Date of Sampling		18/03/2025	
Sampling done by	Eurofine Enviro Lab Pvt.Ltd.						
DG Noise Monitoring Report							
Sr. No.	Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
		North Side	East Side	South Side	West Side		
1	DG-SET- 250KVA						
1A	Without Enclosure	100.2	98.6	99.6	102.3	100.2	29.3
1B	With Enclosure	71.2	66.3	73.1	72.8	70.9	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during with and without enclosure of DG.							




Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

Registered Address: Flat No. A-5, Balaji palace, Kharadi Road,
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014.

Certifications: ISO 9001 : 2015
• ISO 14001: 2015 • ISO 45001 : 2018

Annexure - 2

NOTICE

Notice is hereby given by **M/s. AMANTHIN INFO PARKS PVT. LTD.** that it has proposed a Data Centre project at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. Project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

THE FREE PRESS JOURNAL, MUMBAI, WEDNESDAY, MAY 11, 2022

OMNARA ASSETS RECONSTRUCTION PRIVATE LIMITED

NOTICE TO ALL CONCERNED PARTIES

OMNARA ASSETS RECONSTRUCTION PRIVATE LIMITED, a company incorporated under the Companies Act, 1956, is pleased to announce that it has been awarded the contract for the reconstruction of the Omnara Assets. The project is located at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. The project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

SYMBOLIC POSSESSION NOTICE

Notice is hereby given that the undersigned, being the authorized officer of the Government of Maharashtra, has taken possession of the land situated at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. The project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

MUMBAI SLUM IMPROVEMENT BOARD

NOTICE TO ALL CONCERNED PARTIES

The Mumbai Slum Improvement Board is pleased to announce that it has been awarded the contract for the improvement of the slums situated at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. The project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

TRUST

NOTICE TO ALL CONCERNED PARTIES

The Trust is pleased to announce that it has been awarded the contract for the improvement of the slums situated at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. The project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

TRUST

NOTICE TO ALL CONCERNED PARTIES

The Trust is pleased to announce that it has been awarded the contract for the improvement of the slums situated at Plot No. D-31 and D-32, Turbhe MIDC, TTC Industrial Area, Navi Mumbai, Thane. The project has been accorded Environmental Clearance vide letter No. EC22B038MH187924 dated - 04/05/2022. Copy of the Clearance Letter is available with Maharashtra State Pollution Control Board and may also be seen on the website at (<https://parivesh.nic.in/>)

Date: 11/05/2022

For, M/s. AMANTHIN INFO PARKS PVT. LTD.

News Paper Name – The Free Press Journal

Date – 11 May 2022

Copy of Newspaper Cutting [Marathi & English]

वर्तमानपत्राचे नाव - नवशक्ती

दिनांक - २ ऑगस्ट २०२३

१४ नवशक्ति। मुंबई, बुधवार, २ ऑगस्ट २०२३

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सामान्य सूचना	
साहकारी संस्था (पंजीकृत) अधिनियम (वर्ष २०१३), २०१३ के परिणाम और, विशेष: सदस्यों की प्रतिभागीता का प्रमाण पत्र। यदि आप सामान्य सूचना के तहत भी अपने सदस्यत्व को पुनः शुरू करने की इच्छा रखते हैं तो आपको रु. १२,६८,९८२.७२ (दो लाख साठ हजार बीस हजार बीस रुपये बीस पैसे) की राशि प्रदान करनी होगी।	
अधिकतम १५ दिनों में नवीकरण किया जा सकता है। अधिकतम १५ दिनों में नवीकरण किया जा सकता है।	
(समाप्त)	
सदस्य जानकारी	सदस्य जानकारी
सदस्य नाम: ९०९, श्री रामचंद्र, रामचंद्र सिंह ठाकुर, श्री रामचंद्र ३४, राम विहार, बंगला सदस्य आईडी: ४२१६०३	सदस्य नाम: ९०९, श्री रामचंद्र, रामचंद्र सिंह ठाकुर, श्री रामचंद्र ३४, राम विहार, बंगला सदस्य आईडी: ४२१६०३
एड्रेस: २८७/२९२९	सदस्य जानकारी
फोन: ९८९१	सदस्य जानकारी

9) To declare the statement of the loans and Advances granted to directors and their relatives.

10) To approve the loan and Advances write-off.

11) To approve One Time Settlements and Compromise settlements for the period 01.04.2022 to 31.03.2023.

12) To grant Leave of Absence to the Member of the Bank who will attend the 69th Annual General Body Meeting.

13) To transact any other business with the permission of the Chair.

By Order of the Board of Directors
Sd/-
Mr. Rajesh R. Singh
Managing Director

Place: Mumbai
Date: 01st August 2023

Notes:

1) If there is no quorum at the appointed time, the meeting will be adjourned for a date to be fixed and the adjourned meeting will be conducted immediately thereafter at the same venue irrespective of whether there is a quorum or not.

2) Members interested in any information on any matter arising from the report and accounts should give notice in writing to the Head Office at least 5 days prior to the meeting.

3) Members are requested to make nominations and submit latest KYC as per norms.

4) The report of the Board of Directors for the year ended 31.03.2023 is available at the website www.camstatbank.com.

**Indian Bank**
ALLAMAH

संस्थानक
संस्थानक
संस्थानक

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संस्थानक



punjab national bank

पंजाब नेशनल बैंक

पंजाब आरक्षित: मुद्रा, नकद

पंजाब आरक्षित: मुद्रा, नकद

आवृत्ति नम्बर

(पंजाब नेशनल बैंक लिमिटेड)

सादरार्थ:

पंजाब नेशनल बैंक लिमिटेड के पंजाब शाखा में पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

आवृत्ति नम्बर: २०२०/२०२१

आवृत्ति नम्बर: २०२०/२०२१

आवृत्ति नम्बर

(पंजाब नेशनल बैंक लिमिटेड)

सादरार्थ:

पंजाब नेशनल बैंक लिमिटेड के पंजाब शाखा में पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

पंजाब आरक्षित मुद्रा, नकद के लिए निम्नलिखित दरें निर्धारित की गई हैं।

आवृत्ति नम्बर: २०२०/२०२१

आवृत्ति नम्बर: २०२०/२०२१

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PUBLIC NOTICE

My client, Dr. Simone Josephine Mascarenhas, is the owner and landlord of the Plot of land bearing Plot No. 66-J and C.T.S. No. 62/74 of T. P. Road, Sector 14/1 admitting 1290.6 sq.mtrs. together with building known as 'W' Wing and one of the persons standing therein, namely, lying and buried at the junction of Main Avenue & V. P. Road, Santacruz (West), Mumbai-400054, heretofore referred to as the "said property".

To my clients best knowledge she has not associated or negotiated any power of attorney, either general or special, with any person, either individual or association or trust and/or trustees of any trust (public or private) and/or in favour of any firm (either partnership or proprietary), and/or in favour of any partnership or proprietor of any such firm and/or in favour of any body corporate and/or its directors and/or representatives to do any

Speed Post Receipt of EC Letter submitted to various authorities**The Regional Officer, Nagpur**


 EN326703279IN IVR:6977326703279
 SP SHIVAJINAGAR S.O (PUNE) <411003>
 Counter No:1,05/07/2022,15:02
 To:THE REGIONAL OFFICER,NAGPUR
 PIN:441001, Kamthi H.O
 From:AMANTHIN INFO PARKS ,MUMBAI
 Wt:60gms
 Amt:47.20(Cash)Tax:7.20
 <Track on www.indiapost.gov.in>
 <Dial 18002666868> <Wear Masks, Stay Safe>

The Municipal Commissioner, Navi Mumbai


 EN326703296IN IVR:6977326703296
 SP SHIVAJINAGAR S.O (PUNE) <411003>
 Counter No:1,05/07/2022,15:02
 To:THE MUNICIPAL COMMISSION,MUMBAI
 PIN:400001, Mumbai GPO
 From:AMANTHIN INFO PARKS ,MUMBAI
 Wt:60gms
 Amt:41.30(Cash)Tax:6.30
 <Track on www.indiapost.gov.in>
 <Dial 18002666868> <Wear Masks, Stay Safe>

The District Collector, Thane


 EN326703265IN IVR:6977326703265
 SP SHIVAJINAGAR S.O (PUNE) <411005>
 Counter No:1,05/07/2022,15:02
 To:THE DISTRICT COLLECTOR,THANE
 PIN:400601, Thane H.O
 From:AMANTHIN INFO PARKS ,MUMBAI
 Wt:60gms
 Amt:41.30(Cash)Tax:6.30
 <Track on www.indiapost.gov.in>
 <Dial 18002666868> <Wear Masks, Stay Safe>

NGO


 EN384628440IN IVR:6977384628440
 SP SHIVAJINAGAR S.O (PUNE) <411005>
 Counter No:2,06/08/2022,14:18
 To:THE FOUNDER,,
 PIN:400050, Bandra West S.O
 From:TECHNOGREEN ENVIRONMENTAL,,
 Wt:65gms **Amanthin Info Parks Pvt**
 Amt:41.30(Cash)Tax:6.30 **2 + a.**
 <Track on www.indiapost.gov.in>

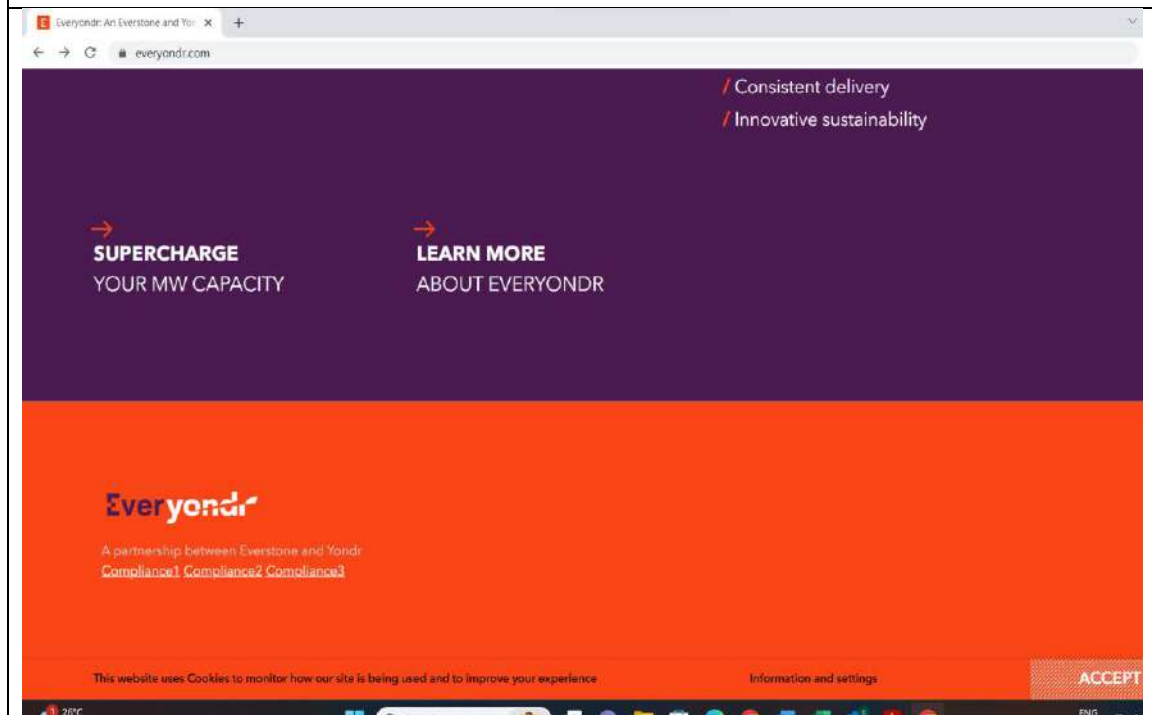
The CEO, Mumbai


 EN326703305IN IVR:6977326703305
 SP SHIVAJINAGAR S.O (PUNE) <411003>
 Counter No:1,05/07/2022,15:02
 To:THE CEO MAHARASTHRA,MUMBAI
 PIN:400093, Chakala Midc S.O
 From:AMANTHIN INFO PARKS ,MUMBAI
 Wt:60gms
 Amt:41.30(Cash)Tax:6.30
 <Track on www.indiapost.gov.in>

The Regional Officer, Navi Mumbai


 EN326703282IN IVR:6977326703282
 SP SHIVAJINAGAR S.O (PUNE) <411003>
 Counter No:1,05/07/2022,15:02
 To:THE REGIONAL OFFICER,MUMBAI
 PIN:400614, Konkan Bhavan S.O
 From:AMANTHIN INFO PARKS ,MUMBAI
 Wt:60gms
 Amt:41.30(Cash)Tax:6.30
 <Track on www.indiapost.gov.in>
 <Dial 18002666868> <Wear Masks, Stay Safe>

SCREEN SHOT SHOWING ENVIRONMENTAL CLEARANCE REPORT UPLOADED ON COMPANY WEBSITE



List of **Uploaded** EC Compliance Reports

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status
1	SIA/MH/INFRA2/410988/2022	EC/M/COMPLIANCE/133405629/2025	MAHARASHTRA	2025	01 Dec(01 Apr - 30 Sep)		27-11- 2025	Under Examir
	Proposed Data Centre Project by Amanthin Info Parks Pvt. Ltd	SIA/MH/INFRA2/410988/2022	THANE					
2	SIA/MH/INFRA2/410988/2022	EC/M/COMPLIANCE/127601118/2025	MAHARASHTRA	2025	01 Jun(01 Oct - 31 Mar)		29-05- 2025	Under Examir
	Proposed Data Centre Project by Amanthin Info Parks Pvt. Ltd	SIA/MH/INFRA2/410988/2022	THANE					
3	SIA/MH/INFRA2/410988/2022	EC/M/COMPLIANCE/113507639/2024	MAHARASHTRA	2024	01 Dec(01 Apr - 30 Sep)		02-12- 2024	Under Examir
	Proposed Data Centre Project by Amanthin Info Parks Pvt. Ltd	SIA/MH/INFRA2/410988/2022	THANE					

List of **Uploaded** EC Compliance Reports

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status	View
1	SIA/MH/INFRA2/410988/2022 Proposed Expansion of Data Centre Project by Amanthin Info Parks Pvt. Ltd. located at Plot No. D- 31 and D- 32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane - 400703	EC/COMPLIANCE/45058599/2024	MAHARASHTRA	2024	01 Jun(01 Oct - 31 Mar)		11-06-2024	Under Examination	View Report
		SIA/MH/INFRA2/410988/2022	THANE						View Documents Compliance Summary
2	SIA/MH/INFRA2/410988/2022 Proposed Expansion of Data Centre Project by Amanthin Info Parks Pvt. Ltd. located at Plot No. D- 31 and D- 32, TTC Industrial Area, Turbhe, Navi Mumbai, Dist. Thane - 400703	EC/COMPLIANCE/26346462/2024	MAHARASHTRA	2023	01 Dec(01 Apr - 30 Sep)		08-02-2024	Submitted Successfully	View Report
		SIA/MH/INFRA2/410988/2022	THANE						View Documents Compliance Summary

List of **Uploaded** EC Compliance Reports

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks	Uploaded Date	Status	View
1	SIA/MH/INFRA2/410988/2022	EC/M/COMPLIANCE/113507639/2024	MAHARASHTRA	2024	01 Dec(01 Apr - 30 Sep)		02-12-2024	Under Examination	View Report
	Proposed Data Centre Project by Amanthin Info Parks Pvt. Ltd	SIA/MH/INFRA2/410988/2022	THANE						View Documents Compliance Summary