

mahindra LIFESPACES

01.06.2024

To,

The Additional Director(s),
The Ministry of Environment & Forests & Climate Change (MoEF & CC)
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building,
Civil Lines, Nagpur
Maharashtra - Pin 440001

Sub.: Submission of Half Yearly Post EC Compliance Report period of December 2023 to May 2024 by email to ecompliance-mh@gov.in

Ref.: Environment Clearance EC Identification No. EC23B038MH171209" File No. - SIA/MH/INFRA2/424139/2023 dated 10/11/2023 for Construction of Proposed Residential & Commercial Project at CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018, by Mahindra Lifespaces Developers Limited.

Dear Sir,

This refers to the EC granted to the project vide EC Identification No. EC23B038MH171209 File No. - SIA/MH/INFRA2/424139/2023 dated 10/11/2023. In this regard, we are submitting **Half Yearly Post EC Compliance Report for the period of December 2023 to May 2024** for construction of Residential & Commercial project at CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018, by Mahindra Lifespaces Developers Limited.

Kindly acknowledge the same.

Thanking You.

Yours Faithfully,

For Mahindra Lifespaces Developers Limited.

Mahindra Lifespace Developers Ltd.

Mahindra Towers, 5th Floor,
Dr. G. M, Bhosale Marg, Worli,
Mumbai - 400018, India

Tel.: +91 22 6747 8600
www.mahindralifespaces.com

CIN : L45200MH1999PLC118949

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CIN : L45200MH1999PLC118949

To,

Maharashtra Pollution Control Board
Kalpataru Point, 1st floor,
Opp. PVR Theatre, Sion (E),
Mumbai-400022 ,
Maharashtra

Sub.: Submission of Half Yearly Post EC Compliance Report- December 2023 to May 2024 by email to ecompliance-mh@gov.in

Ref.: Environment Clearance EC Identification No. EC23B038MH171209" File No. - SIA/MH/INFRA2/424139/2023 dated 10/11/2023 for Construction of Proposed Residential & Commercial Project at CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018, by Mahindra Lifespaces Developers Limited.

Dear Sir,

This refers to the EC granted to the project vide EC Identification No. EC23B038MH171209 File No. - SIA/MH/INFRA2/424139/2023 dated 10/11/2023. In this regard, we are submitting **Half Yearly Post EC Compliance Report for December 2023 to May 2024** construction of Residential & Commercial project at CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018, by Mahindra Lifespaces Developers Limited.

Kindly acknowledge the same.

Thanking You.

Yours Faithfully,

For Mahindra Lifespaces Developers Limited.


Authorised Signatory



PART A

CURRENT STATUS OF WORK

CURRENT STATUS OF WORK

Excavation, PCC & Foundation work is under progress.

PART B

POINT WISE COMPLIANCE STATUS

Compliance to the Conditions Recommended in EC

| Sr. No | Conditions | Compliance |
|----------------------------|--|-----------------------------|
| Specific conditions | | |
| 1. | PP to ensure that there was no industrial activity was being carried out during the baseline monitoring period considered for EIA drafting | Noted and was adhered. |
| 2. | Committee noted that, the development is planned as phase wise. PP to implement the mitigation measure for noise and air pollution. | Noted and shall be complied |
| 5. | PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy, 2021. | Noted |
| 6. | PP to ensure that, the water proposed to be used for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction. | Noted and shall be complied |
| B. SEIAA Conditions | | |
| 1. | PP has provided mandatory RG 3909.69 sqm on mother earth without any construction i.e. STP, OWC, Transformer, Club house, DG Set etc. Local planning authority to ensure the compliance of the same. | Noted and shall be complied |
| 2. | This EC is restricted up to 89.5 m height as per Civil Aviation /MoD NOC. | Noted. |
| 3. | PP to plant as many trees as cumulative age of trees to be cut and transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975. | Noted and shall be complied |
| 4. | PP to keep one 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. | Noted and shall be complied |
| 5. | PP to achieve at least 5% of total energy requirement from solar/other renewable sources. | Noted and shall be complied |
| 6. | 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 shall be complied |
| 7. | SEIAA after deliberation decided to grant EC for FSI-239613.68 sqm, Non FSI-229071.81 sqm, total BUA- 468685.49 sqm. (Plan approval No-BP/EC/Pimpri/03/2023, | Noted and shall be complied |

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| | dated -03.07.2023) (Restricted as per approval) | |
| General Conditions: | | |
| a. | Construction Phase | |
| I. | The solid waste generated should be properly collected and segregated. Dry/insert solid waste should be disposed of to the approved sites for landfilling after recovering recyclable material. | Waste which will be collected and transported to an interim transfer station where biodegradable waste will be treated (composting) by modular composter and Non-bio-degradable waste will be handed over to authorized vendor for further processing. |
| II. | Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. | Muck generated will be used for site leveling and filling low-lying areas. |
| 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. | Hazardous waste, if any generated, and then it will be disposed as per applicable rules and norms with necessary approvals of the Maharashtra State Pollution Control Board. |
| IV | Adequate drinking water and sanitary facilities should be provided for construction workers at site. Provision should be made for mobile toilets. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured. | Noted and shall be complied |
| V. | Arrangement shall be made that waste water and storm water do not get mixed. | Noted and shall be complied |
| VI. | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices. | We are applying best practices to reduce the water demand load still project is in its initial phase. |
| VII. | The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority. | Noted and shall be complied |
| VIII. | Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction of the project. | Noted and shall be complied. |
| IX. | Fixture for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control. | Noted and shall be complied. |
| X. | The Energy Conservation Building code shall be strictly adhered to. | Noted |

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| XI. | All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site. | Noted and shall be complied. All the topsoil excavated during construction activities will be 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 areas protected and improved. | Noted and shall be complied. |
| 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. | Noted and being complied. |
| XIV | PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Tree Act, 1975 as amended during validity of Environmental Clearance. | Noted and being complied. |
| XV. | The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environmental (Protection) Rules prescribed for air and noise emission standards. | Noted and shall be complied. DG sets are operated only during power cuts and as such, requirement of diesel is quiet less. |
| XVI. | Vehicles hired for transportation of raw materials shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakage. | Being complied with. |
| 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. | Being complied with. |
| XVIII. | Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation 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 | Noted and shall be complied. |

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| | diesel. 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 done in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell/designated person. | Noted and shall be complied |
| B | <u>Operation phase: -</u> | |
| 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. c). Dry/insert solid waste should be disposed of to the approved sites for landfilling after recovering recyclable material. | Noted and shall be complied. |
| II. | E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016. | Noted and shall be complied. |
| 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 odor 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. | Noted and shall be complied. |
| 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. | Noted and shall be complied |

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| 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. | Noted and we will adhere to the said point. |
| 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. | Noted and shall be complied. |
| VII. | PP to provide adequate electric charging points for electric vehicles (EVs). | Noted and shall be complied. |
| 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. | Noted and shall be complied. |
| IX. | A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards. | Noted |
| X. | Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes. | Noted and shall be complied |
| 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 | Complied. Copy attached. |
| 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. | Noted. |

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| 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, SO ₂ , Nox (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. | Noted and shall be complied |
| C) | General EC Conditions: - | |
| I. | PP has to strictly abide by the conditions stipulated by SEAC & SEIAA. | Noted. |
| 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. | Noted. Consent to Establish has been granted vid ref no Format 1.0/CAC-CELL/UAN No.0000152793/CE/2309002258 dated 28/09/2023. |
| 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. | Noted and shall be complied. |
| 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. | Noted and shall be complied |
| V. | The environmental statement for each financial year ending 31 st 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 be sent to the respective Regional Office of MoEF by e-mail. | Agreed with. |

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| 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 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 and shall be complied |
| 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. | Noted. |
| 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. | No any court case regarding project. |
| 5. | This environment clearance is issued purely form an environment point of view without prejudice to any court cases and all other permissions/ NOCs shall be obtained before stating proposed work at site. | Yes, noted & will be implemented. |
| 6. | In case of submission of false document and non-compliance of stipulated conditions, Authority/Environment Department will revoke or suspend the Environmental clearance without any intimation and initiate appropriate legal action under Environmental protection Act, 1986. | No any false documents and non-compliance of stipulated conditions regarding project. |
| 7. | Validity of environmental clearance - The validity of EC accorded shall be valid as per EIA notification 2006 amended time to time. . | Environmental Clearance Obtained vide letter No. EC Identification No. - EC23B038MH171209 File No. - SIA/MH/INFRA2/424139/2023 dated 10/11/2023 |

| | | |
|----|--|-----------------|
| 8. | The above stipulation 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 their under, hazardous waste(Management and Handling) Rules,1989 and it's amendment, the public liability insurance act,1991 and its amendments. | Noted . |
| 9. | 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 & agreed. |

PART C

| Sr. No | Particulars |
|---------------|--|
| I. | Data Sheet |
| II | EMP Costing Details |
| II. | EC Letter |
| III. | Consent to Establish |
| IV. | NOCs-Water, Fire, Drainage, Aviation, Garden |

**PART - I
DATA SHEET**

| No. | Particular | Information |
|---------------------------------|--|--|
| 1. | Project type: River Valley / Mining / Industry / Thermal / Nuclear / Others (specify) | Construction project (Residential & Commercial) |
| 2. | Name of the Project | Proposed Residential & Commercial Project at CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018, by Mahindra Lifespaces Developers Limited |
| 3. | Clearance letter (s) / OM No.and date | EC Identification No. - EC23B038MH171209 File No. - SIA/MH/INFRA2/424139/2023 Date of Issue EC - 10/11/2023 |
| 4. | Location | CTS no 4854, Plot No A |
| | a) District (s) | Dist. Pune. |
| | b) State (s) | Maharashtra |
| c) Location latitude /longitude | Latitude: 18°36'57.67" N Longitude: 73°48'45.94" E. | |
| 5. | Address for Correspondence a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / FaxNumbers) | Mr. Vikrant Bhole Mahindra Tower 5 th Floor, Dr. G. M. Bhosale Marg, Worli, Mumbai, Maharashtra Email: Deshpande.ashutosh@mahincom Phone: +91-9850272374 |
| | b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers) | |
| 6. | Salient features of theProject | |
| | | Location of the project: CTS no 4854, Plot No A, Pune- Mumbai old highway, Pimpri, Pune - 411018. Total Plot Area: 46070.45 sq.m. Proposed FSI: 260056.72 sq.m. Proposed Non-FSI: 229287.31 sq.m. Total Built-up area: 489344.03 sq.m. Water requirement: <ul style="list-style-type: none"> • Fresh water: 1221 KLD. • Flushing water: 618 KLD. |

| | | |
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| | | <ul style="list-style-type: none"> • Gardening: 28 KLD. • Water for Chilling: 141 KLD • Swimming Pool: 10 KLD. • Total: 2018 KLD. <p>Source: PCMC.</p> <p>Power Requirement:</p> <p>Construction phase – 200 KVA Operation Phase (Connected Load): 30,187 KW Operation Phase (Demand Load): 14102 KW Source: MSEDCL. DG sets as power back up during Operation Phase I: 1500 KVA Phase 2: 2250 KVA Office & Retail: 2nos 2000 KVA Hotel: 2 nos 2000 KVA</p> <p>RG Area: Total: 3909.69 sqm Existing trees: 366 Trees to be planted: 576</p> <p>•</p> <p>Parking 4W & 2W: 4W= 1964 @ 24,550 sqm 2W= 7983 @ 15966 sqm</p> <p>Rain water harvesting 2 No. of RWH tank of capacity 848 KLD capacity.</p> |
| 7. | Breakup of the Project Area | NA |
| | a) Submergence area: forest & non forest | |
| | b) Others | <p>Total Plot Area: 37,832.47 sq.m. Total FSI: 84,784.53 sq.m. Total Non-FSI: 78,074.89 sq.m. Total Built-up area: 1, 62,859.42 sq.m.</p> |
| 8. | Breakup of the project affected population with the enumeration of those losing Houses / Dwelling units only, Agricultural Land & Landless Laborers / Artisans: a) SC, ST / Adivasi | NA |

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| | 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) | NA |
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|----|---|----------------------------|-----------------------------|--|---------------------------|
| 9. | Financial Details: | Rs. 2542 Cr. As per EC. | | | |
| a) | Project cost as originally planned and subsequent revised estimates and the year of price reference | | | | |
| b) | Allocation made for environmental management plans with item wise and year wise breakup | Construction phase: | | | |
| | | Sr. No. | Type | Details | Total Cost in Lacs |
| | | 1. | Air Environment | Water spray for dust suppression | 5.75 |
| | | 2. | Land | Labor camp toilets and sanitation | 11.62 |
| | | 3. | Health and Safety | Labor Safety Equipment's and training | 13.84 |
| | | 4. | Health Facility | Disinfection and Health Check-ups | 30,000 |
| | | 5. | DG Sets | | 11.0 |
| | | 6. | Environment Management Cell | - | 1.04 |
| | | 7. | Environment monitoring | Environmental Monitoring (As per the CPCB guidelines through MoEF Approved laboratories) | 7.36 |

| | | Operation phase: | | | | |
|----|---|------------------|--------------------------|-----------------------------|---|-------------------------------------|
| | | Sr. No. | Component | Details | Capital (Rs. In Lacs) | O&M cost (lacs/year) |
| | | 1. | Sewage Treatment | STP &ETP | 185.00 | 18.00 |
| | | 2. | RWH | 2 Rainwater Tank | 0.85 | - |
| | | 3. | Solid Waste | OWC | 80.62 | 12.38 |
| | | 4. | Green belt development | Development and Maintenance | 53.00 | 8.00 |
| | | 5. | Energy Saving | Solar Panel PV | 118.245 | 4.72 |
| | | 6. | Environmental Monitoring | EMP | -- | 3.19 |
| | | 7. | DMP | Lightening Arrestor | Phase - I 40.00 Phase -2 68.00 | Phase I 4.00 Phase -2 6.80 |
| c) | Benefit cost ratio / Internal rate of Return and the year of assessment | --- | | | | |
| d) | Whether (c) includes the cost of environmental management as shown in the above | Yes | | | | |
| e) | Actual expenditure incurred on the project so far | - | | | | |
| f) | Actual expenditure incurred on the environmental | Included in EMP | | | | |

| | | |
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| | management plans so far | |
| 10. | Forest Land Requirement | NA |
| a) | The status of approval for diversion of forest land for non-forestry use | NA |
| b) | The status of clearing felling | |
| 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 | |
| 11. | The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required. | NA |
| 12. | Status of construction (Actual and/or planned) | Provide. |
| a) | Date of commencement (Actual & / or planned) | Provide. |
| b) | Date of completion (Actual &/or planned) | Provide. |
| 13. | Reasons for the delay if the project is yet to start | NA |
| 14. | Dates of Site Visits | |
| a) | The dates on which the project was monitored by the Regional Office on previous occasions, if any | NA |
| b) | Date of site visits for this monitoring report | -- |

Thanking You.

For Mahindra Lifespaces Developers Ltd

COST OF EMP - CONSTRUCTION PHASE

| Construction phase: | | |
|-----------------------------|---|--------------------------|
| Type | Details | TotalCost in Lacs |
| Air Environment | Water spray for dust suppression | 5.75 |
| Land | Labor camp toilets and sanitation | 11.62 |
| Health and Safety | Labor Safety Equipment's and training | 13.84 |
| Health Facility | Disinfection and Health Check-ups | 30,000 |
| DG Sets | | 11.0 |
| Environment Management Cell | - | 1.04 |
| Environmentmonitoring | Environmental Monitoring (As per the CPCBguidelines through MoEF Approved laboratories) | 7.36 |

COST OF EMP - OPERATION PHASE

| Sr. No. | Component | Details | Capital (Rs. In Lacs) | O&M cost (lacs/year) |
|---------|--------------------------|----------------------------------|-----------------------------------|-------------------------------|
| 1. | Sewage Treatment | STP &ETP | 185.00 | 18.00 |
| 2. | RWH | 2 Rainwater Tank | 0.85 | - |
| 3. | Solid Waste | OWC | 80.62 | 12.38 |
| 4. | Green development | belt Development and Maintenance | 53.00 | 8.00 |
| 5. | Energy Saving | Solar PV Panel | 118.245 | 4.72 |
| 6. | Environmental Monitoring | EMP | -- | 3.19 |
| 7. | DMP | Lightening Arrestor | Phase - I 40.00 Phase -2 68.00 | Phase -I 4.00 Phase-2 6.80 |

ENVIRONMENTAL CLEARANCE LETTER

ENVIRONMENTAL CLEARANCE

PARIVESH
(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)



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

To,

The owner
MAHINDRA LIFESPACE DEVELOPERS LIMITED
Mahindra Tower , 5th Floor , Dr. G.M. Bhosale Marg, Worli, Mumbai,
Maharashtra. -400018

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/INFRA2/424139/2023 dated 20-Apr-2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC23B038MH171209 |
| 2. File No. | SIA/MH/INFRA2/424139/2023 |
| 3. Project Type | New |
| 4. Category | B |
| 5. Project/Activity Including Schedule No. | B(a) Building and Construction projects |
| 6. Name of Project | Proposed Residential & Commercial Project at CTS no 4854, Plot No A, Pune-Mumbai old highway, Pimpri, Pune – 411018, by Mahindra Lifespaces Developers Limited |
| 7. Name of Company/Organization | MAHINDRA LIFESPACE DEVELOPERS LIMITED |
| 8. Location of Project | MAHARASHTRA |
| 9. TOR Date | N/A |

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

Date: 10/11/2023

(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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|-------------------------|--|-----------------------|----------------------------------|-------------|
| 14. | Proposed FSI area (m2) | 2,60,056.72 | | |
| 15. | Proposed Non-FSI area (m2) | 2,29,287.31 | | |
| 16. | Proposed TBUA (m2) | 4,89,344.03 | | |
| 17. | TBUA (m2) approved by Planning Authority till date | Under Process | | |
| 18. | Ground coverage (m2) & % | 8429.37 (21.56 %) | | |
| 19. | Total Project Cost (Rs.) | 2,542 Cr. | | |
| 20. | CER as per MoEF&CC circular dated 01.05.2018 | --- | | |
| 21. | <p>Details of Building Configuration: <Please use following legends: Floor = F, Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh></p> | | Reason for Modification / Change | |
| | Previous EC / Existing Building | | Proposed Configuration | |
| | Building Name | Configuration | Height (m) | New Project |
| | Building A | LGP+UGP+4P+23 | 85.65m | |
| | Building B | LGP+UGP+4P+23 | 85.65m | |
| | Building C | LGP+UGP+4P+23 | 85.65m | |
| | Building D | LGP+UGP+4P+23 | 85.65m | |
| | Building E | BP2+BP1+LGP+UGP+4P+38 | 134.15m | |
| | Building F | BP2+BP1+LGP+UGP+4P+38 | 134.15m | |
| | Building G | BP2+BP1+LGP+UGP+4P+38 | 134.15m | |
| | Building H | BP2+BP1+LGP+UGP+4P+38 | 134.15m | |
| | Building I | BP2+BP1+LGP+UGP+4P+38 | 130.65m | |
| | Building J | BP2+BP1+LGP+UGP+4P+38 | 130.65m | |
| | Building K | BP2+BP1+LGP+UGP+4P+38 | 130.65m | |
| | Building L | BP2+BP1+LGP+UGP+4P+21 | 79.65m | |
| Building M (Commercial) | BP2+BP1+LGP+UGP+Mezz.+3P+24+3Service Floor | 123.15m | | |
| Commercial 1 | Gr+Mezz+1 st floor+mezz floor | 12.65 m | | |
| Commercial 2 | Gr+Mezz | 6.15 m | | |
| Club House 1 | G | 6.0m | | |

| | | | | | |
|-----|--|---|--|---|------|
| | | Club House 2 | G | 6.0 m | |
| | | Club House 3 | G | 6.0 m | |
| 22. | Total number of tenements | Residential flats – 2,268 nos. Commercial - Shops – 54 nos., Offices – 84 nos., Guest rooms – 196 nos., Restaurants – 4 nos., Guest Arrival or Lounge – 1 nos., Business Center – 1 nos., Banquet – 1 no. | | | |
| 23. | Total number of Population | Total Population – 17,669 nos. Resi. Population – 11,340 nos. Comm. Population – 6,329 nos. (Fixed + Floating) | | | |
| 24. | Water Budget | Dry Season (CMD) | | Wet Season (CMD) | |
| | | Fresh Water | 1221 | Fresh Water | 1221 |
| | | Flushing | 618 | Flushing | 618 |
| | | Recycled for landscape | 28 | Recycled for landscape | 0 |
| | | Water For Chilling | 141 | Water For Chilling | 141 |
| | | Swimming Pool | 10 | Swimming Pool | 10 |
| | | Total | 2018 | Total | 1990 |
| | | Excess Treated water | 703 | Excess Treated water | 731 |
| 25. | Water Storage Capacity for Firefighting / UGT | Firefighting Underground water tank- 1400 CMD (Phase 1 – 400 CMD / Phase 2 – 600CMD / Commercial – 400CMD) Firefighting Overhead water tank: 325 CMD (Phase 1 – 125 CMD / Phase 2 – 175 CMD / Commercial – 25 CMD) | | | |
| 26. | Source of water | Pimpri Chinchwad Municipal Corporation | | | |
| 27. | Rainwater Harvesting (RWH) | Level of the Ground water table: | Pre monsoon: 4 m Post monsoon: 0.94 m | | |
| | | Size and no of RWH tank(s) and Quantity: | 424 KLD x 2 Nos. = 848 KLD | | |
| | | Quantity and size of recharge pits: | Not provided | | |
| | | Details of UGT tanks if any: | NA | | |
| 28. | Sewage and Wastewater | Sewage generation in KLD | STP – 1,670 KLD ETP – 35 KLD | | |
| | | STP technology: | MBBR | | |
| | | Capacity of STP KLD: | Total STP – 1,670 KLD (Phase 1&2 – 1,400 KLD + Retail – 70 KLD+ Hotel – 200 KLD) ETP – 35 KLD | | |
| 29. | Solid Waste Management during Construction Phase | Type | Quantity (kg/d) | Treatment / disposal | |
| | | Dry waste: | 12 kg/day | The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads. | |
| | | Wet waste: | 18 kg/day | | |
| | | Construc tion waste | 20 kg/day | | |
| 30. | Solid Waste | Type | Quantity (kg/d) | Treatment / disposal | |

| | | | | |
|-----|---|--|--|--|
| | Management during Operation Phase | Dry waste: | 3022 | Handed over to authorize recycler for further handling & disposal purpose. |
| | | Wet waste: | 4532 | Wet waste will be treated in onsite organic waste converter machine. |
| | | Hazardous waste: | NA | NA |
| | | Biomedical waste: | NA | NA |
| | | E-Waste | 20.69 | Handed over to authorized recyclers for further handling & disposal purpose. |
| | | STP Sludge (dry) | 67 | Will be used as manure |
| 31. | Green Belt Development | Total RG area (m ²): | 3,909.69 sq.m | |
| | | Existing trees on plot: | 366 | |
| | | Number of trees to be planted: | 576 trees will be on Site | |
| | | Number of trees to be cut: | 141 | |
| | | Number of trees to be transplanted: | 00 | |
| 32. | Power requirement: | Source of power supply: | MSEDCL | |
| | | During Construction Phase (Demand Load): | DG set - 200 KVA | |
| | | During Operation phase (Connected load): | 30,187 KW | |
| | | During Operation phase (Demand load): | 14,102 KW | |
| | | Transformer: | Phase-1- 8 nos 630 KVA Phase-2 - 12 nos 630 KVA 3 nos 630 KVA & 2 nos 1250 KVA, Hotel - 2 nos 2000 KVA | |
| | | DG set: | Phase-1- 1500 kVA Phase-2 - 2250 kVA Office & Retail - 2 nos 2000 kVA Hotel - 2 nos 2000 kVA | |
| | | Fuel used: | HSD | |
| 33. | Details of Energy saving | Energy Saving Through Solar PV | | |
| 34. | Environmental Management plan budget during Construction phase (Based on Last Project Costings) | Type | Details | Cost (Rs. In Laacs) |
| | | Air Environment | Erosion control -- dust suppression measures, barricading and topsoil preservation | 5,75,095.25/- |
| | | Land | Labor Camp toilets & sanitation | 11,62,500/- |
| | | Health and Safety | Labor Safety Equipment's and training | 13,84,500/- |

| | | | | | | |
|-----|--|------------------------|-----------------------------------|--------------------------------|---|--|
| | | Health facility | Disinfection and Health Check-ups | | 30,000/- | |
| | | | DG set | | 11,00,000/- | |
| | | Environment Management | Environment management cell | | 1,04,000/- | |
| | | Environment Management | Environmental Monitoring | | 7,36,800/- | |
| 35. | Environmental Management plan Budget during Operation phase | | Component | Details | Capital (Lakh) | O&M (Lakh /Y) |
| | | | Sewage treatment | STP with MBBR Technology & ETP | 1,85,00,000/- | 18,00,000/- |
| | | | RWH | 2 Rainwater Tank | 85,000/- | ---- |
| | | | Solid Waste | OWC | 80,62,400/- | 12,38,900/- |
| | | | Green belt development | Development and Maintenance | 53,00,000/- | 8,00,000/- |
| | | | Energy saving | Solar PV Panel | 1,18,24,500/- | 4,72,980/- |
| | | | Environmental Monitoring | Environment Monitoring Plan | - | 3,19,000/- |
| | | | Disaster Management Plan | Lightening Arrester | Phase-1- 40,00,000 /- Phase-2- 68,00,000/- | Phase-1- 4,00,000/- Phase-2- 6,80,000/- |
| 36. | Traffic Management From Architect/Liasoning Architect | Type | Required as per DCR | Actual Provided | Total parking Area (m2) | |
| | | 4- Wheeler | 1964 | 1964 | 24,550 | |
| | | 2- Wheeler | 7983 | 7983 | 15,966 | |
| 37. | Details of Court cases / litigations w.r.t. the project and project location if any. | | | | | NA |

3. Proposal is a new construction project. Proposal has been considered by SEIAA in its 266th (Day-3) meeting held on 22nd September, 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 undertake that there was no industrial activity was being carried out during the baseline monitoring period considered for EIA drafting.
2. Committee noted that, the development is planned as phase wise. PP to implement the mitigation measure for noise and air pollution.

2. PP to revise shadow analysis report and explore addition of solar PVs.
3. PP to submit the STP section indicating aeration tank open to sky.
4. PP to submit the coordinated layout plan indicating green belt development plan.
5. PP to provide electric charging facility by providing charging points at suitable places as per Maharashtra Electric Vehicle Policy, 2021.
6. PP to ensure that, the water proposed to be used for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

B. SEIAA Conditions-

1. PP has provided mandatory RG 3909.69 m² on mother earth without any construction i.e. STP, OWC, Transformers, Club house, DG set etc. Local planning authority to ensure the compliance of the same.
2. This EC is restricted up to 89.5 m height as per Civil Aviation /MoD NOC.
3. PP to plant as many trees as cumulative age of trees to be cut and transplanted as per amended Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975.
4. 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.
5. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
6. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-LA III dt.04.01.2019.
7. SEIAA after deliberation decided to grant EC for-FSI-239613.68 m², Non FSI-229071.81 m², total BUA-468685.49 m². (Plan approval No-BP/EC/Pimpri/03/2023, dated-03.07.2023) (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 breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in
- XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely;

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

C) General EC Conditions:-

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

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

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

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


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, Pune.
6. Commissioner, Pimpri Chinchwad Municipal Corporation
7. Regional Officer, Maharashtra Pollution Control Board, Pune.

Validity unknown

Digitally signed by Pravin C. Darade, I.A.S.
Designation: Member Secretary
Date and Time: 11/11/2023 10:37:37 AM

CONSENT TO ESTABLISHMENT

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

Infrastructure/RED/L.S.I

No:- Format1.0/CAC-CELL/UAN No.0000152793/CE/2309002258

Date: 28/09/2023

To,
Mahindra Lifespaces Developers Ltd.,
CTS No. 4854, Plot No. A, Pune-Mumbai
Old Highway, Pimpri, Tal. Mulshi, Dist-
Pune - 411018.



Sub: Grant of Consent to Establish of proposed Residential & Commercial project under Red/LSI Category.

Ref: Minutes of Consent Appraisal Committee meeting held on 05/06/2023.

Your application NO. MPCB-CONSENT-0000152793

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 / Renewal of 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 upto commissioning of project or up to 5 year whichever is earlier.
2. The capital investment of the project is Rs.2542 Cr. (As per undertaking submitted by pp).
3. The Consent to Establish is valid for proposed Residential & Commercial project named as Mahindra Lifespaces Developers Ltd., CTS No. 4854, Plot No. A, Pune-Mumbai Old Highway, Pimpri, Tal. Mulshi, Dist- Pune - 411018 on Total Plot Area of 46,070 SqMtrs for Total Construction BUA of 4,89,344.03 SqMtrs including utilities and services
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

| Sr No | Description | Permitted (in CMD) | Standards to | Disposal |
|-------|-------------------|--------------------|---------------------|--|
| 1. | Trade effluent | Nil | Nil | Nil |
| 2. | Domestic effluent | 1687 | As per Schedule - I | The treated sewage shall be 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:**

| Stack No. | Description of stack / source | Number of Stack | Standards to be achieved |
|------------|-------------------------------|-----------------|--------------------------|
| S-1 | DG Set of 1500 kVA | 01 | As per Schedule -II |
| S-2 to S-5 | DG Set s of 2000 kVA x 04 | 04 | As per Schedule -II |
| S-6 | DG Set of 2250 kVA | 01 | As per Schedule -II |

6. **Conditions under Solid Waste Rules, 2016:**

| Sr No | Type Of Waste | Quantity & UoM | Treatment | Disposal |
|-------|-------------------------|----------------|--------------------------------------|------------------------------|
| 1 | Bio-degradable Waste | 4532 Kg/Day | OWC followed by composting facility. | Used as Manure. |
| 2 | Non-biodegradable Waste | 3022 Kg/Day | Segregation | Handed over to Auth. Vendor. |
| 3 | STP Sludge | 100 Kg/Day | Drying | Used as Manure. |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

| Sr No | Category No. | Quantity | UoM | Treatment | Disposal |
|-------|-----------------------|----------|-------|-----------|-----------------------------------|
| 1 | 5.1 Used or spent oil | 50 | Ltr/A | Recycle | Handed over to Auth. reprocessor. |

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

| Sr No | Type of Waste | Quantity | UoM | Disposal Path |
|-------|---------------|----------|--------|------------------------------|
| 1 | E-Waste | 20.69 | Kg/Day | Handed over to Auth. Vendor. |

9. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
11. PP shall provide STP of adequate capacity to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility.
12. The treated sewage 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.
13. PP shall provide organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
14. PP shall make provision of charging ports for electric vehicles at least 30% of total available parking slots.
15. PP shall submit BG of Rs. 25 Lacs towards compliance of EC and Consent conditions.

16. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated- 14.09.2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated- 19/08/2010, fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s) & acquisition of land not be treated as an effective step.



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Signed by: Dr. Animesh D. Kene
Member Secretary
For and on behalf of
Maharashtra Pollution Control Board
msl@mpcb.org.in
2023-09-28 14:43:43 IST

Received Consent fee of -

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date | Transaction Type |
|-------|-------------|--------------------|------------|------------------|
| 1 | 5084000.00 | MPCB-DR-15497 | 21/11/2022 | RTGS |

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pimpri Chinchwad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **1687 CMD for treatment of domestic effluent of 1687 CMD.**
- B) The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

| Sr.No | Parameters | Limiting concentration not to exceed in mg/l, except for pH |
|-------|----------------|---|
| 1 | pH | 5.5-9.0 |
| 2 | BOD | 10 |
| 3 | COD | 50 |
| 4 | TSS | 20 |
| 5 | NH4 N | 5 |
| 6 | N-total | 10 |
| 7 | Fecal Coliform | less than 100 |

- C) The treated sewage 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.
- 2) 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 and extension or addition thereto.
- 3) 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.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, 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 | 1839.00 |
| 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) 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.

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 proposed to erect following stack (s) and 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 | DG Set of 1500 kVA | Acoustic Enclosure | 30.00 | HSD 100 Ltr/Hr | 1 | SO ₂ | 48 Kg/Day |
| S-2 to S-5 | DG Sets of 2000 kVA x 04 | Acoustic Enclosure | 30.00 | HSD 500 Ltr/Hr | 1 | SO ₂ | 240 Kg/Day |
| S-6 | DG Set of 2250 kVA | Acoustic Enclosure | 30.00 | HSD 150 Ltr/Hr | 1 | SO ₂ | 72 Kg/Day |

- 2) The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

| | | |
|-------------------------|---------------|------------------------|
| Total Particular matter | Not to exceed | 150 mg/Nm ³ |
|-------------------------|---------------|------------------------|

- 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.
- 4) 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).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

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 | Consent to Establish | Rs. 25 Lacs | 15 days | Towards Compliance of EC & C to E conditions. | Commissioning of the project or 5 years whichever is earlier. | Commissioning of the project or 5 years whichever is earlier. |

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.
Existing BG obtained for above purpose if any may be extended for period of validity as above.

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 | | | | |



SCHEDULE-IV

Conditions during construction phase

| | |
|----------|--|
| A | During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters. |
| B | During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory. |
| C | Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. |

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 applicant shall provide facility for collection of samples of 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.
6. The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
7. Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
8. Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
9. 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.
- 10 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
 - 11 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
 - 12 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 13 The treated sewage shall be disinfected using suitable disinfection method.
 - 14 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 provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
 - 15 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.

Water NOC



पिंपरी चिंचवड महानगरपालिका
पाणी पुरवठा विभाग
क.पाणु/वाटर/कावि/१३९/१२-२२
दिनांक- २/११/२०२२

पति,

संकल्प डिझाइनर तर्फे आर्की. सितेश आयकार,
अटीसिडस हाऊस, फ्लॉट नं. ४४०/४,
गोखले क्रॉस रोड, मॉडेल नॉईवली,
शिवाजीनगर-पुणे-४११०१६

विषय- आपले नियोजित बांधकामासाठी पाणीपुरवठा विभागाकडील "जा हरकत" प्रमाणपत्र काढत.

संदर्भ- अर्जे क्र. १०३३२२२३०००८८३२, १५/०९/२०२२ Sankalp Designers.

उपरोक्त संदर्भिय पत्रानुसार आपले नियोजित बांधकामाचे नकाशे दाखले केल्यावरून आपणास कळविण्यात येते की, **नॉई-पिंपरी येथील सिसनं. ४८५४, फ्लॉट-A** मधील नकाशेत दाखविल्याप्रमाणे खालील अटीस अधिन राहून सोबतचा नकाशा समंती मिळणेसाठी बांधकाम परवानगी विभागाकडे दाखल करण्याची या विभागाची हरकत नाही.

- 1) जमिनीखालील पाण्याची टाकी किमान २७५५१९६ सी क्षमतेची घ्यावी.
- 2) इमारतीवरील पाण्याची टाकी किमान १८६३४६४ सी क्षमतेची घ्यावी.
- 3) जमिनीखालील पाण्याची टाकी आर.सी.सी (M-20 Grade) मध्ये करावी.
- 4) जमिनीखालील पाण्याची टाकीवर स्टॅन्ड बांधकाम योग्य त्या क्षमतेची विद्वुत पंप घ्यावा.
- 5) जमिनीखालील पाण्याची टाकी जमिनीच्या पातळीपेक्षा जास्तीत जास्त ०.३० ते ०.५० मी. ने उंच असावी.
- 6) जमिनीखालील पाण्याची टाकी मुख्य रस्त्याच्या लगत असावी व नकाशात दर्शविलेल्या जागेवर जमिनीखालील पाण्याची टाकी घेणेत यावी.
- 7) जमिनीखालील व इमारतीवरील टाक्यांवर सुरक्षिततेच्या दृष्टीने झकणे बसवावित.
- 8) उपरोक्त इमारतीकरीता जमिनीखालील व इमारतीवरील पाण्याच्या टाक्यांची क्षमता ही **अग्निशामनासाठी** गरज असलेल्या पाण्याच्याखेरीज आहे.
- 9) सदर नियोजित गृहसंकुलांचे ठिकाणी म.न.पा ची पाणीपुरवठा योजना नवीन पाण्याच्या उंच टाक्या वितरण व्यवस्था) पुणे क्षमतेने विकसित होईपर्यंत होणा-या नविन गृहसंकुलांना संबंधीत विकसकाने स्वतंत्रित्या पाणीपुरवठा सुविधा उपलब्ध करावी.
- 10) म.न.पा कडून इमारत बांधकामासाठी पाणीपुरवठा होऊ शकणार नाही.
- 11) म.न.पाचे मुख्यपाईपलाईन पर्यंत विकसकाने डिझाईनप्रमाणे पाईपलाईन टाकावी.
- 12) पि.चि.मनपा मार्केट नविन पाणापुरवठा प्रकल्प विकसीत होईपर्यंत विकसकास **सदनिका / वाणिज्य** धारकांना पडोशान नंतर हमीपत्रांमध्ये नमूद केल्याप्रमाणे स्वखर्चीने पाणीपुरवठा करणेचा अटीवर सदरचा दाखला देणेत येत आहे.
- 13) उपरोक्त ठिकाणी **रेन वॉटर हार्वेस्टिंग** व्यवस्था म.न.पा. नियमप्रमाणे करण्यात यावी. दर्शविलेल्या डिझाईन प्रमाणे बोरवेल मार्केट रेन वॉटर हार्वेस्टिंग करणे अनिवार्य आहे. पाण्याच्या पाणी, वापर करण्यासाठीचे पाणी व RECIRCULATION साठी लागणा-या पाणी साठविणे करीता स्वतंत्र पाण्याची टाकी व पाईप लाईन करणेत यावी. व सर्व पाण्यांच्या टाकीसाठी (WATERTIGHT) Fibrocalt FRB फ्रेम व कव्हर बसविणेत यावेत. या अटीवर सदरचा दाखला देणेत येत आहे.
- 14) पुणे-चाचा "जा हरकत" दाखला घेणे अगोदर CGWA विभागाकडील "जा" हरकत दाखला व MEP अभियंता यांचे टेस्टिंग व पुणे-चाचा दाखला शहर करणेच्या अटीवर सदर दाखला देणेत येत आहे.

- 15) पुणेकरांचा "ना" दाखला घेणे अगोदर नळ्यांना AERATORS बसविणे व STP च्या TREATED पाण्यासाठी व बीअरवेलचे पाण्यासाठी वॉटर मिटर बसविणेच्या अटीवर सदरचा दाखला देणेत येत आहे. सदरचा ना हरकत दाखला मिळवारी २२६८ सदनिका व ४६४१२.३९ चौ.मी वाणिज्य साठी देणेत येत असे.

परंतु एकूणच प्रकल्पाच्या अंतर्गत पाणीपुरवठा व्यवस्थेसाठी विकसकांने योग्य हे तांत्रिक नियोजन (आवश्यक मासल्यास पंपींग व इतर व्यवस्था) करावे याचा संपुर्ण जबाबदारी विकसकां सोसायटीची राहिल. तथापी वर नमूद केलेल्या अटीचे पालन न केल्यास, बांधकाम पुणेकरांचा दाखला मिळण्याकरिता आवश्यक असलेला पाणीपुरवठा विभागाकडील "ना" हरकत दाखला मिळणार नाही याची नोंद घ्यावी.



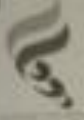
कार्यकारी अभियंता

पाणीपुरवठा विभाग ह होमिन्स कार्यालय
चिंपरी चिंचवड महानगरपालिका, चिंपरी-१८

- प्रत- १) मा. सहस्रहर अभियंता, बांधकाम परवानगी विभाग
यांना माहितीसाठी व पुढील कार्यवाहीसाठी.
२) मा. उपसंचालक, नगररचना
यांना माहितीसाठी व पुढील कार्यवाहीसाठी



Fire NOC



PIMPRI CHINCHWAD MUNICIPAL CORPORATION, PIMPRI - 18
FIRE DEPARTMENT



File No:- **768** O.W.No:- Fire/03/SRC/WS/768/2023 Date:- 06/11/2023

Provisional Fire No Objection Certificate for Building Construction [Rev-II]

Token No:- 103323240010936

Token Dt:- 04/10/2023

With reference to the application and Plans submitted, Dt. 04/10/2023 by the under mentioned applicant, technical site inspection had been carried out by the concerned Officer of the Fire department in assistance with the submitted plans and documents.

Revised fire NOC is being herewith issued under Unified Development Control Rules of State Govt. order No TFS1818/Pk. No-234/18/Mys/Prayn./CI.27/1cc8g&CI.204/JD-13, Dt - 02/12/2020, NBC 2016 - Part IV, and under Sec. 3(2) of Maharashtra Fire & Life Safety Act 2006 & Rules 2009, at the under mentioned site, subject to compliance of the following conditions.

Proposed Site Address -

C T S No. 4854, Plot-6
Pimpri,
Pune.

| | | |
|--|-----------|---------|
| Plot Area | 48070.45 | Sq.Mtrs |
| Permissible FSI Area (incl. Ancillary fsl) | 126967.25 | Sq.Mtrs |

Building Details -

| Bldg. No. | Height (From GL to Slab) | No. of Floors | Net Built up Area (Sq.Mtrs) | Gross Built up Area (Sq.Mtrs) | Occupancy Use Type | Bldg Classification |
|------------------------|--------------------------|----------------------------------|-----------------------------|-------------------------------|--------------------|---------------------|
| Tower-A (Old) | 84.65 | BP/LGP+UGP+04 Slab/ Pk.+23 | 11121.85 | 22501.62 | Resi. | Resi. |
| Tower-B (Old) | 84.65 | BP/LGP+UGP+04 Slab/ Pk.+23 | 8789.37 | 15234.38 | Resi. | Resi. |
| Tower-C (Old) | 84.65 | BP/LGP+UGP+04 Slab/ Pk.+23 | 10428.03 | 15811.86 | Resi.+Club House-2 | Mix. |
| Tower-D (Old) | 84.65 | BP/LGP+UGP+04 Slab/ Pk.+23 | 12977.49 | 20995.95 | Resi. | Resi. |
| Tower-E (Old) | 19.15 | BP/LGP+UGP+04 Slab/ Pk.+0 | 155.61 | 1598.40 | Resi. | Resi. |
| Tower-F (Old) | 19.15 | BP/LGP+UGP+04 Slab/ Pk.+0 | 155.61 | 3211.51 | Resi. | Resi. |
| Tower-G (Old) | 19.15 | BP/LGP+UGP+04 Slab/ Pk.+0 | 169.87 | 7111.48 | Resi. | Resi. |
| Tower-H (Old) | 19.15 | BP/LGP+UGP+04 Slab/ Pk.+0 | 169.87 | 13857.18 | Resi. | Resi. |
| Tower-I (Rev) | 114.65(Rev) | BP/LGP+UGP+04 Slab/ Pk.+33 (Rev) | 21394.17(Rev) | 26900.85(Rev) | Resi. | Resi. |
| Tower-J (Old) | 114.65 | BP/LGP+UGP+04 Slab/ Pk.+33 | 21436.47 | 26198.77 | Resi. | Resi. |
| Tower-K (Rev) | 114.65(Rev) | BP/LGP+UGP+04 Slab/ Pk.+33 (Rev) | 21878.12(Rev) | 33373.34(Rev) | Resi.+Club House-1 | Mix. |
| Tower-L (Old) | 17.61 | BP/LGP+UGP+04 Slab/ Pk.+14 | 10351.54 | 20628.24 | Resi. | Resi. |
| Tower-M (Old) | 6.65 | BP/LGP+Ugp. | 2000.19 | 4279.84 | Offices+shops | Comm. |
| Comm. Bldg.1 (Old) | 12.65 | Ugp.+Mezz.+St.+Mezz. | 1580.82 | 1907.32 | Shops | Comm. |
| Comm. Bldg.2 (Old) | 6.65 | Ugp.+Mezz. | 1794.33 | 1794.30 | Shops | Comm. |
| Club House 2 (Old) | 21.65 | BP/LGP+UGP+04 Slab/ Pk.+01 | 236.94 | 216.94 | Club House-1 | Comm. |
| Recreation Court (Old) | 15.65 | BP/LGP+UGP+04 Slab/ Pk. | 394.08 | 394.98 | Recreation Court | Comm. |

- Building side margins, Drive ways, Staircases, Passages, Vehicle Ramps clearance as per shown in plan, for the maneuverability of the fire fighting vehicle should be kept absolutely free of obstructions, all the time. No landscaping or any other structural work, to be done in side margins or in any other way, obstructing the access to side margins.
- Emergency Contact Numbers Board of Fire, Ambulance, Police & MHA to be displayed prominently at main gate and other easily visible places.

| 3. | Podium if provided , should be designed and constructed to carry weight of 40 tons for Special Heavy Fire Rescue Vehicle (ALP, TFL, etc). The required vehicular Turning Width, at Ramp ends & building corners to be provided on podium. Podium Slab to be coated with Red colour strip exactly above the Beam line so as to easily identify it and ease operation of the Special Fire Vehicle Outigger jacking. | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|-------------------|---|-------------------------|--|-----------------------|-------------------|-------------------|---------------|-------------------|---------|----------|---|--------------------|---------|----------|---------------------|---------|----------|-------------------------------|---------|----------|
| 4. | Roof Riser Hose (Type B) , to be provided on all floors with shut off nozzle, (according to length of Bldg). fixed on wall Only. (Fitting of hose reel drums on Roof-Downcomer pipe is not allowed). | | | | | | | | | | | | | | | | | | | | | |
| 5. | Extra Standby Pump (Electric for Res. and Diesel driven as applicable) of same capacity connected to DG Set, to be installed. | | | | | | | | | | | | | | | | | | | | | |
| 6. | Independent Duct provision to be made with size as per mentioned in below given table for Roof cum Down Corner System. | | | | | | | | | | | | | | | | | | | | | |
| | Sr. No. | Zone | Bldg. Height in Mtrs. | Fire Duct Size in Mtrs. | Location | | | | | | | | | | | | | | | | | |
| | A) | Zone 1 | 0 to 21.99 | 1.00 x 1.00 | Near to the Fire Staircase | | | | | | | | | | | | | | | | | |
| | B) | Zone 2 | 24 to 44.99 | 1.00 x 1.20 | | | | | | | | | | | | | | | | | | |
| | | | 45 to 64.99 | 1.00 x 1.50 | Inside the Fire Tower near to the Fire Lobby | | | | | | | | | | | | | | | | | |
| | | | 70 to 84.99 | 1.20 x 2.00 | | | | | | | | | | | | | | | | | | |
| | | | 90 to 124.99 | 1.50 x 2.00 | | | | | | | | | | | | | | | | | | |
| | | | 125 to 174.99 | 1.50 x 2.50 | | | | | | | | | | | | | | | | | | |
| 7. | Over Head RCC Fire Water Tank - 25,000 ltrs for buildings from 24 to 70 Mtrs height as well for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building. | | | | | | | | | | | | | | | | | | | | | |
| 8. | Under Ground RCC Fire Water Tank - 30,000 ltrs capacity for Buildings above 24 meters to 40 meters height, 75,000 ltrs capacity for Buildings from 40 meters to 60 meters & 1,00,000 ltrs. capacity for Buildings 60 to 70 mtrs. height and for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building. However for group (cluster) of maximum 5 buildings, Fire Water tank if single, its capacity should be calculated on the basis of 2250 ltrs per maximum 2 hours of firefighting or min 50% of the total water requirement for all buildings, whichever is higher. | | | | | | | | | | | | | | | | | | | | | |
| 9. | <p>(a) Down Corner System - 4" dia, C class, 50 mark GI pipe, 4 to 5 HP Terrace pump with 50 mark accessories for each Bldg/Wing upto 24 mtrs height, with Hose Reels on all floors to be provided with fire service inlet at accessible position.</p> <p>(b) Roof cum Down Corner System (each Bldg/Wing) - 4" dia, C class, 50 mark GI pipe, UG Tank Pump to be of Coupled Type, Positive Pressure Operating and above capacity for group/cluster of buildings (5 Wings and above) based on calculation with Hose Pipes (according to length of Bldg), Hydrant Valves, Nozzle, Fitting, Starter, Pressure Switches, DOX Switch, etc. to be (c) Mark for all bldgs and provided with fire service inlet, at accessible position.</p> <p>For Bldgs above 60 mtrs, UG Tank Pump to be of Multi Head, Multi Outlet type. Automatic Sprinkler installation if any, to be provided with independent Pump of rated output and capacity. Jockey Pump of rated capacity to be provided for Wet/Sprinkler system, etc.</p> <table border="1"> <thead> <tr> <th>Height of Bldg (Mtrs)</th> <th>OH Tank Pump Cap.</th> <th>UG Tank Pump Cap.</th> <th>Pump Capacity</th> </tr> </thead> <tbody> <tr> <td>(i) 24 to 40 mtrs</td> <td>900 lpm</td> <td>2800 lpm</td> <td rowspan="4">A fire fighting pump should be installed according to a capacity with water pressure should maintain not less than 3.5kg at the top most or remote point.</td> </tr> <tr> <td>(ii) 40 to 60 mtrs</td> <td>900 lpm</td> <td>2290 lpm</td> </tr> <tr> <td>(iii) 60 to 70 mtrs</td> <td>900 lpm</td> <td>2290 lpm</td> </tr> <tr> <td>(iv) 100mtr & above in Height</td> <td>900 lpm</td> <td>2850 lpm</td> </tr> </tbody> </table> | | | | | Height of Bldg (Mtrs) | OH Tank Pump Cap. | UG Tank Pump Cap. | Pump Capacity | (i) 24 to 40 mtrs | 900 lpm | 2800 lpm | A fire fighting pump should be installed according to a capacity with water pressure should maintain not less than 3.5kg at the top most or remote point. | (ii) 40 to 60 mtrs | 900 lpm | 2290 lpm | (iii) 60 to 70 mtrs | 900 lpm | 2290 lpm | (iv) 100mtr & above in Height | 900 lpm | 2850 lpm |
| Height of Bldg (Mtrs) | OH Tank Pump Cap. | UG Tank Pump Cap. | Pump Capacity | | | | | | | | | | | | | | | | | | | |
| (i) 24 to 40 mtrs | 900 lpm | 2800 lpm | A fire fighting pump should be installed according to a capacity with water pressure should maintain not less than 3.5kg at the top most or remote point. | | | | | | | | | | | | | | | | | | | |
| (ii) 40 to 60 mtrs | 900 lpm | 2290 lpm | | | | | | | | | | | | | | | | | | | | |
| (iii) 60 to 70 mtrs | 900 lpm | 2290 lpm | | | | | | | | | | | | | | | | | | | | |
| (iv) 100mtr & above in Height | 900 lpm | 2850 lpm | | | | | | | | | | | | | | | | | | | | |
| 10. | <p>Automatic Sprinkler System to be provided for:</p> <p>(a) All types of Bldgs having Basements/Lower Parking, area more than 200 sq.mt. (b) All Multilevel Basements.</p> <p>(c) All Covered Ground and all Upper floor (multilevel) Gilt parking.</p> <p>(d) All Podium Parking (Below Podium /all parking under elevated open space on podium).</p> <p>(e) All Mechanical / Purge / Stack Parking as Side Wall Sprinklers diagonally fixed on opposite sides of support channels of the structure.</p> <p>(f) All Commercial Bldg with Covered Area more than 500 sq.mtr. - (Fire Drive building.)</p> <p>(g) All buildings (Including Refuge Area) other than Residential, Mix and Educational of height above 15 mtrs.</p> <p>(h) All Hotels, Hospitals, Malls, Multiplexes, Warehouses, etc with height above 15 mtrs.</p> <p>(i) All Residential Buildings (Including Refuge Area) above 45 mtrs height to be fully sprinklered.</p> <p>IS-15105 - Design and Installation of Fixed Automatic Sprinkler Fire Extinguishing System. Sprinkler Pump shall be independent of rated output and capacity.</p> <p>(j) All Common area, Shops, Godown, Warehouse, including passage area should be covered with sprinkler system.</p> | | | | | | | | | | | | | | | | | | | | | |
| 11. | Garbage chute if any, shall be provided with independent Sprinkler system at each garbage inlet point of the chute pipe. | | | | | | | | | | | | | | | | | | | | | |
| 12. | MCP (Manual Call Points) and PA (Public Address) Communication System with Talk back facility to be provided.(Not allowed in Fire Ducts or Manholes) | | | | | | | | | | | | | | | | | | | | | |
| 13. | Minimum TWO Staircases (apart) to be provided. One enclosed Fire Escape Staircase of Fire tower Type to be provided with Fire Resistant Doors Assembly (with RATED & APPROVED) of min 120 mins. (45mm thick) and Commercial Bldgs to install Metal F. R. Door of Class / RATED approved. This fire staircase shall be treated for use of inhabitants during fire and other emergencies and will not be taken into any other use, not even for installation of fire fighting system, etc. | | | | | | | | | | | | | | | | | | | | | |
| 14. | Fire Resistant Doors as above, of min 120 mins (45mm thick) as per IS-9079 to be provided for all Floor Extension and Balcony/Terrace opening Doors for buildings above 60 mtrs. | | | | | | | | | | | | | | | | | | | | | |
| 15. | Fire Escape Staircase to be provided with Pressurization System, for Bldgs above 60 mtrs, Fire Tower Smoke Check Lobby Fire Duct (2 Hours Rating Fire Door With 1.5 Mtrs Pressurization System, Fire Lift, Fire Alarm 70 Mtrs. Bldg. | | | | | | | | | | | | | | | | | | | | | |
| 16. | All Bldgs above 60 mtrs and Stair Hotel, Malls, Multiplexes, Hospitals above 50 levels to be provided with fire sealant material of 2 hours rating at every floor at the point of Electric cables and other pipes etc. passing through such floor or walls openings, etc. | | | | | | | | | | | | | | | | | | | | | |
| 17. | Hotel Bldgs above 24 mtrs, Hospital Bldgs above 15 mtrs, other Fully Commercial Bldgs above 24 mtrs, Residential Bldgs above 45 mtrs and Malls, Multiplexes irrespective of their height to provide Fire Retardant Paint/Coat (DRGO approved) for Electrical Cables. | | | | | | | | | | | | | | | | | | | | | |
| 18. | Special Commercial Bldgs like Hotels, Hospitals, Commercial Complexes, above 30 mtrs, Mix Occupancy Bldgs above 45 mtrs and Fully Residential Bldgs above 60 mtrs to provide at least 1 no. of Self Rescue Chute for each building. | | | | | | | | | | | | | | | | | | | | | |
| 19. | Automatic Fire Suppression Systems to be provided for Commercial Kitchen Hoods of Hotels, Restaurants, Canteens, etc. complying LPS 1223/IS300. | | | | | | | | | | | | | | | | | | | | | |
| 20. | Among the total lifts provided, for Bldgs upto 44 mtrs height, minimum one lift to be fire lift of 145 kg (8 percent) capacity. Bldgs above 26 mtrs height to be provided with fire cum stretcher lift (max 1.8 m x 2.5 m). These lifts shall | | | | | | | | | | | | | | | | | | | | | |

3. **Podium if provided**, should be designed and constructed to carry weight of 40 tons for Special Heavy Fire Rescue Vehicle (JALP, 77L, etc). The required vehicular Turning Width, at Ramp ends & building corners to be provided on podium. Podium slab to be painted with Red colour strip exactly above the Beam line so as to easily identify it and ease operation of the Special Fire Vehicle Chugger being.
4. **Hoist Reel hose (Type B)**, to be provided on all floors with shut off nozzle, (according to length of Bldg). Reel on wall Only. (Fitting of hose reel drums on floor/Downcomer pipe is not allowed).
5. **Extra Standby Pump (Electric for Res. and Diesel driven as applicable)** of same capacity connected to DG Set, to be installed.
6. **Independent Duct provision** to be made with size as per mentioned in below given table for **Riser run Down Corner System**.
- | Sr. No. | Zone | Bldg. height in Mtrs. | Fire Duct Size in Mtrs. | Location |
|---------|--------|-----------------------|-------------------------|--|
| A) | Zone 1 | 0 to 23.99 | 1.00 X 1.00 | Near to the Fire Staircase |
| B) | Zone 2 | 24 to 44.99 | 1.00 X 1.20 | |
| C) | Zone 3 | 45 to 65.99 | 1.00 X 1.50 | Inside the Fire Tower near to the Fire Lobby |
| | | 70 to 85.99 | 1.20 X 2.00 | |
| | | 90 to 134.99 | 1.50 X 2.00 | |
| | | 135 to 179.99 | 1.50 X 2.50 | |
7. **Over Head RCC Fire Water Tank** – 25,000 ltrs for buildings from 24 to 70 Mtrs height as well for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building.
8. **Under Ground RCC Fire Water Tank** – 50,000 ltrs capacity for Buildings above 24 mtrs to 40 mtrs height, 75,000 ltrs capacity for Buildings from 40 mtrs to 60 mtrs & 1,00,000 ltrs. capacity for Buildings 60 to 70 mtrs. height and for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building. However for group (cluster) of maximum 5 buildings, Fire Water tank if single, its capacity should be calculated on the basis of 2250 ltrs for minimum 2 hours of firefighting or min 50% of the total water requirement for all buildings, whichever is higher.
9. (a) **Down Corner System** – 4" dia, C class-75 mark, GI pipe, 1 to 5 HP Terrace pump with 5/2 mark accessories for each Bldg/Wing upto 24 mtrs height, with Hose Reel on all floors to be provided with fire service inlet at accessible position.
 (b) **Riser run Down Corner System** (each Bldg/Wing) – 4" dia, C class, 75 mark GI pipe, **UG Tank Pump to be of Coupled Type, Positive Pressure Operating** and above capacity for group/cluster of buildings (5 Wings and above) based on calculation with Hose Pipes (according to length of Bldg), Hydrant Valves, Nozzle, Fittings, Starter, Pressure Switches, DOX Switch, etc. to be ISI Mark for all Bldgs and provided with fire service inlet at accessible position.
 For Bldgs above 60 mtrs, UG Tank Pump to be of Multi Head, Multi Outlet type. **Automatic Sprinkler installation if any, to be provided with independent Pump of rated output and capacity. Jockey Pump of rated capacity to be provided for Wet/Sprinkler systems, etc.**
- | Height of Bldg (Mtrs) | OH Tank Pump Cap. | UG Tank Pump Cap. | Pump Capacity |
|-------------------------------|-------------------|-------------------|---|
| (i) 24 to 40 mtrs | 900 lpm | 1800 lpm | A fire fighting pump should be installed according to a capacity with water pressure should maintain not less than 3.5kg at the top most or remote point. |
| (ii) 40 to 60 mtrs | 900 lpm | 2280 lpm | |
| (iii) 60 to 70 mtrs | 900 lpm | 2280 lpm | |
| (iv) 100mtr & above in height | 900 lpm | 2850 lpm | |
10. **Automatic Sprinkler System** to be provided for
 (a) All types of Bldgs having Basements/Lower Parking, area more than 200 sq.mt.
 (b) All Multilevel Basements,
 (c) All Covered Ground and all upper floor (multilevel) Self parking,
 (d) All Podium Parking (Below Podium /all parking under elevated open spaces on podium),
 (e) All Mechanical / Purge / Stack Parking as Side Wall Sprinklers diagonally fitted on opposite sides of support columns of the structure.
 (f) All Commercial Bldg with Covered Area more than 500 sq.mts. – (For Trade building.)
 (g) All buildings (Including Refuge Area) other than Residential, Mix and Educational of height above 25 mtrs.
 (h) All Hotels, Hospitals, Malls, Multiplexes, Warehouses, etc with height above 15 mtrs.
 (i) All Residential Buildings (Including Refuge Area) above 45 mtrs height to be fully sprinklered.
 IS-15105 – Design and Installation of Fixed Automatic Sprinkler Fire Extinguishing System. **Sprinkler Pump shall be independent of rated output and capacity.**
 (j) All Corridor, area, Shops, Godown, Warehouse, including passage area should be covered with sprinkler system.
11. **Garbage chute** if any, shall be provided with **Independent Sprinkler system** at each garbage inlet point of the chute pipe.
12. **MCP (Manual Call Points) and PA (Public Address) Communication System** with Talk Back facility to be provided. Not allowed in Fire Ducts or Maincases.
13. **Minimum TWO Staircases** (apart to be provided. One enclosed Fire Escape Staircase of Fire tower Type to be provided with Fire Resistance Doors Assembly (with RABE & accessories) of min 120 mins. (45mm thick) and Commercial Bldgs to install Metal S. H. Door of CBR1 / IPRT1 approval. This fire staircase shall be treated for use of inhabitants during fire and other emergencies and will not be taken into any other use, not even for installation of fire fighting system, etc.
14. **Fire Resistance Doors** as above, of min 120 mins (45mm thick) as per IS-4079 to be provided for all floor Entrance and Bakery/Terrace opening Doors for buildings above 60 mtrs.
15. **Fire Escape Staircase** to be provided with Pressurization System, for Bldgs above 60 mtrs, Fire Tower Smoke Check table Fire Duct (2 Hours Rating Fire Door With 1.5 Mtrs Pressurization System, Fire Lift, Fire Alarm 70 Mtrs. Bldg.
16. All Bldgs above 60 mtrs and Stairwells, Hotels, Malls, Multiplexes, Hospitals above 50 levels to be provided with **Fire Sealant material** of 2 hours rating of every floors at the point of Electric cables and other pipes etc. passing through such floors or walls openings, etc.
17. Hotel Bldgs above 24 mtrs, Hospital Bldgs above 15 mtrs, other Fully Commercial Bldgs above 24 mtrs, Residential Bldgs above 45 mtrs and Malls, Multiplexes irrespective of their height to provide **Fire Retardant Paint/Coat** (DRGO approved) for Electrical Cables.
18. **Special Commercial Bldgs** (ie Hotels, Hospitals, Commercial Complexes, above 30 mtrs, Mix Occupancy Bldgs above 65 mtrs and fully Residential Bldgs above 60 mtrs) to provide at least 1 no. of **Self Rescue Chute** for each building.
19. **Automatic Fire Suppression Systems** to be provided for Commercial Kitchens Heads of Hotels, Restaurants, Canteens, etc. complying LPS 1223/US300.
20. **Among the total Lifts provided**, for Bldgs upto 34 mtrs height, minimum one Lift to be Fire Lift of 945 kg (8 person) capacity. Bldgs above 34 mtrs height to be provided with Fire LIFT Stretcher Lift (min 1.0 m x 2.3 m). These lifts shall

| | |
|----------------------------------|---|
| | <ul style="list-style-type: none"> S-4326 Code for Earthquake Resistance Design and Construction of building S-2499 Code for Protection of buildings against Lightning Safety |
| NOC Applicable Points No. | 1, 2, 3, 4, 5, 8(C), 7, 8, 9 (a, b), 10(a, b), 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 (a, b, c, + d, e, f), 27, 28, 29(a, b), 30, 31(a), 32, 33, 34 |
| NOC Remarks if any | <p>Prev. Fire NOC No. Fire/03/SPC/Ws/Wss/2022, Dt. 28/10/2022.</p> <p>Rev to Rev-1, Fire NOC No. Fire/01/SPC/Ws/477/2023, Dt. 05/09/2023.</p> <p>Subject to Sanctioned Plan No. SP/Layout/Propn/34/2023, Dt. 25/09/2023.</p> <p>As per proposal note no. 3013 sanctioned by Hon. Addl. Commissioner on Dt.31/10/2023.</p> |

Since, this NOC is only for building construction purposes, Fire NOC for the Business / Utility purposes should be taken separately eg. Malls, Multiplexes, Hotels, Hospitals, Schools, Gas Banks, Gas Agencies, Petrol Pumps, etc.

This NOC is a guideline, based/tracked on present codes/rules/conditions, to carry out / provide / install fire equipments and installation as per governing rules. However, practical technical working, designing and actual implementation may require additions to fire equipment, etc. depending upon the actual site conditions during/after the construction and to the rules prevailing during that time. The concerned Fire Consultants / Fire Licensing Agency / MEP Consultants / Project Management Consultants / etc. should work out on pure technical grounds. The Fire Equipments, Systems to be installed should be of high standard, having ISI/PCB/IS, MPPA/ALCO standards.

This NOC to be read carefully and note to be taken of all the "Applicable Points" mentioned above. All applicable points/conditions to be fulfilled and fire installations to be installed before the submission of Final Fire NOC. The Fire Fighting System Installation to be got done by actual Licensed Fire Agency only, and the Fire Installation Certificate (AMC) in Form 'A' as per Sec.3(1) of Maharashtra Fire & Life Safety Act - 2004, to be submitted at the time of Final NOC.

Difference of fees amount if any, found during Audit, in future, will be recovered from the Applicant / Occupier. Fire NOC Fees once paid, is Non-refundable.

This is a temporary NOC, issued only for plan sanctioning of the buildings and layout purposes, from fire prevention point of view. This NOC should not be treated as a Permission. This Fire NOC doesn't imply any final clearance of matter or should not be taken as granted for clearance of building permission. Necessary Permissions and/or Clearances to be sought from concerned Building Permission/Town Planning, Aviation, MPOB, Defense, Collectorate office, etc. Depts as applicable.

Fire Dept reserves the right to alter, modify, revise or revoke the NOC.

All other rules governing of this department and/or changes, up-gradation in equipment/installation are applicable from time to time.

Any false or wrong information or documents given knowingly or unknowingly or manipulated, or precautions mentioned above, if not adhered, will be liable for cancellation / revoking of the NOC as per D.386(3) of MMC Act -2012 and the applicant will be solely responsible for the matter and will be liable for legal action. NOC Fees once paid, shall not be refunded.

NOC issued, subject to final approval No in Building Permission Dept. of PWD.

(Abbrev: B-Basement, G-Ground, S6- 30th, F1-Floor, Po-Podium, P-Parking, PoP-Podium Parking, BP-Basement Parking, USP- Upper Basement Parking, LBP- Lower Basements, GP-Ground Parking, LGP - Lower Ground Parking, UGP - Upper Ground Parking)

Proposed Site Address -

C T S No. 4854, Plot-A Pimpri, Pune.


Fire Officer

Pimpri Chinchwad Municipal Corporation
Pimpri, Pune-411018.

To,
M/s. Sankalp Designers/Arch. Shikshi Agrawal
Owner/ Through: M/s. Mahindra Life Spaces Developers Ltd.

| Particulars | Previous NOC No. & Date | NOC Fees Paid (Rs.) | Receipt No. & Date |
|--|-------------------------|----------------------|------------------------------------|
| Paid For CFC | N/A | 1,500/- | R.No.30332230017468, Dt.18/10/2022 |
| Paid For Prev NOC | 893, Dt.28/10/2022 | 4,09,20,400/- | R.No.30332230018007, Dt.28/10/2022 |
| Paid For CFC | N/A | 1,500/- | R.No.30332240014490, Dt.23/08/2023 |
| Paid For Rev-1 NOC | 477, Dt.05/09/2023 | 53,51,100/- | R.No.30332240016218, Dt.05/09/2023 |
| Paid For CFC | N/A | 1,500/- | R.No.30332240018572, Dt.04/10/2023 |
| Diff. Amt. Paid | N/A | 72,95,800/- | R.No.30332240022104, Dt.06/11/2023 |
| Total Paid | | 5,35,71,800/- | |
| (Diff. Amt. Paid For Prev. Fire NOC Fees Rs.72,95,800/- paid) | | | |

*Fees Receipt to be preserved properly & Xerox copy submitted during next submission for Revision or Final NOC case.

Garden NOC



पिंपरी चिंचवड महानगरपालिका
पिंपरी-18, उद्यान/वृक्षसंवर्धन विभाग
क्र. उद्यान/3/कावि/1483/2022
दिनांक. 06/09/2022

प्रति,
मे. महिंद्रा लाईफस्पेस डेव्हलपर्स तर्फे
श्री.दिपक मुसळे
व्दारा-आर्किटेक संकल्प डिझायनर्स तर्फे
आर्टिसन हाऊस, प्लॉट नं. 440/4
मॉडेल कॉलनी, शिवाजीनगर पुणे-16..

विषय - वृक्षसंवर्धन नाहरकत दाखल्याबाबत....

(बांधकाम परवानगी चालू करण्याकामी)

- संदर्भ- 1) आपला दिनांक. 05/08/2022 चा अर्ज.
2) सहा उद्यान अधिक्षक यांचा दिनांक 05/09/2022
रोजीचा पाहणी अहवाल.

आदेश,

स. नं. 191 ते 195 (९), सि.स.न. 4854, प्लॉट अ, पिंपरी, येथे
बांधकाम नियोजित आहे. दाखल अर्जानुसार जागेचे एकुण क्षेत्रफळ 46070.45
चौ.मी. असून मानांकांप्रमाणे 576 वृक्ष आवश्यक आहेत. जागेची पाहणी केली
असता 25 सेमी मध्यवेदी पुढील 335 वृक्ष आहेत. व 25 सेमी मध्यवेदी
आतील 31 वृक्ष आहेत. मानांकानुसार 241 वृक्षांची अनामत पावती क्र 496621
दिनांक 06/09/2022 अन्वये रक्कम रुपये 24,10,000/- व बिनव्याजी या
कार्यालयात जमा केलेले आहेत.

सबब सदर. ठिकाणी बांधकाम चालू करणे करीताचा दाखला मिळणेकामी या
विभागाकडील नाहरकत दाखला देणेत येत आहे. बांधकाम परवानगी मिळाल्यानंतर काम
चालू करताना बांधकामात झाडे येत असतील तर झाडे काढणेकामी स्वतंत्र प्रस्ताव सादर
करावा.

तसेच सुचित करणेत येते की, बांधकाम पूर्णत्वाचे वेळी सोबतच्या यादीप्रमाणे
वृक्ष लावणेत यावेत. या विभागाकडून वृक्ष लावल्याचे खातरजमा करणेत आले नंतरच
बांधकामपूर्णत्वासाठी या विभागाचा नाहरकत दाखला देणेत येईल. तसेच भरलेली अनामत
तीन वर्षांनंतर झाडांची स्थिती पाहून अलहिदा परत केली जाईल.




वृक्षअधिकारी
पिंपरी चिंचवड महानगरपालिका
पिंपरी-18

Aviation NOC

Tele: 011-23010231/ 5216
Fax: 011-23792016

Reqd Post

Dte of Ops (ATS)
Air HQ (VB)
Rafi Marg
New Delhi -110006

Air HQ/S 17726/01/ATS (PC-MMMCCCXLVI)

03 November 2023

M/s Mahindra Lifespace Developers
C/o Soham Advisory
202, City Mall, University Road
Shivajinagar, Pune
Maharashtra-411004

CORRIGENDUM

NOC FOR CONSTRUCTION OF BUILDING

1. Please refer the following letters: -

- (a) Air HQ/S 17726/01/ATS (PC-MMMCCCXLVI) dt 02 Mar 23.
- (b) Your letter dt 24 Mar 23 for review of NOC.

2. NOC issued by this HQ vide Air HQ/S 17726/01/ATS (PC-MMMCCCXLVI) dt 02 Mar 23 has been reviewed. Air HQ has no objection for construction of proposed building **with a reduced height of 113.3m AGL/ 677.20m AMSL, whichever is lower** at CTS No. 4854, Plot No. A, Village Pimpri, Taluka Haveli, District Pune (Maharashtra). It is reiterated that there is **no change** in the terms and conditions mentioned in Para 2 of NOC issued vide letter No. Air HQ/S 17726/01/ATS (PC-MMMCCCXLVI) dt 02 Mar 23.

3. For information, please.



(Sudhir Babu)
Group Captain
Group Captain Operations ATS

Drainage NOC



पिंपरी चिंचवड महानगरपालिका,
पिंपरी-१८,
'ह' प्रभाग, जलनिःसारण विभाग
क्र.जनि/हा/का/११४८७/२०२२
दिनांक : २१/०९/२०२२

प्रति,

मे.महिंद्रा लाईफ स्पेस डेव्हलपर्स लिमिटेड तर्फे
संकल्प डिझायनर्स करिमा ला.आ.शितेश आगरवाल
आर्टिसन्स हाउस, प्लॉट नं-४४०/४, गोखले क्रॉस रोड,
मॉडेल कॉलनी, शिवाजीनगर,
पुणे-४११०१६

विषय :- इमारतीच्या अंतर्गत जलनिःसारण व्यवस्थे अंतर्गत पर्यावरण ना हरकत दाखला देण्याबाबत...

संदर्भ :- १) टोकन क्र. - १०३३२२२३०००८८३१ दि-१५/०९/२०२२

महोदय,

आपण दिनांक १५/०९/२०२२ रोजी पर्यावरण ना हरकत प्रमाणपत्र साठी जलनिःसारण विभागाचा ना हरकत दाखला मिळणेकामी अर्ज केला आहे. सदर बांधकाम प्रकल्प मे.महिंद्रा लाईफ स्पेस डेव्हलपर्स लिमिटेड तर्फे संकल्प डिझायनर्स तर्फे ला.आ. शितेश आगरवाल यांचा पिंपरी येथील सि.स.नं. ४८५४, प्लॉट - ए येथे असून आपण नकाशात सादर केले प्रमाणे प्रकल्पात एकूण भुखंड क्षेत्र- ४६०७०.४५ चौ.मी.असून एकुण बांधकाम क्षेत्र २,६०,०५६.७२ चौ.मी. आहे. पैकी कलव हाउस क्षेत्र २८३.५७ चौ.मी व ४६१२८.८२ चौ.मी व्यापारी क्षेत्र, तसेच २,१३,९२७.९० चौ.मी. क्षेत्र निवासी (२२६८ सदनिका) आहे. EC साठी एकूण बांधकाम क्षेत्र ४८९३४४.०३ चौ.मी. आहे प्रस्तुत प्रकरणी आपणास कळविणेत येते की महानगरपालिकेच्या जलनिःसारण ना हरकत दाखल्यामध्ये नमूद केल्यानुसार सदर बांधकाम प्रकल्पासाठी महाराष्ट्र प्रदूषण नियंत्रण मंडळाचे अटी व शर्तीनुसार आवश्यक क्षमतेचा मैलाशुद्धीकरण प्रकल्प बांधणेत यावा. सदर मैलाशुद्धीकरण केंद्रामध्ये प्रकल्पातील मैलापाणी प्रक्रिया करून प्रक्रिया युक्त पाणी बागकाम व फलशिंग साठी वापरणेत यावे. मा.सह शहर अभियंता जलनिःसारण विभाग, पिंपरी चिंचवड महानगरपालिका पिंपरी-१८ यांचेकडील दि.०२ जून २०२१ रोजीचे मंजूर टिपणी नुसार प्रक्रिया युक्त पाण्याचा पुर्नवापर करून उर्वरित पाण्याची विल्हेवाट मनपाच्या उपलब्ध कार्यान्वित पावसाळी पाण्याच्या (SWD) नलिकेस स्थापत्य विभागाच्या पूर्व परवानगीने जोडण्याच्या अटीवर जलनिःसारण विभागाचा ना हरकत दाखला देणेत येत आहे.

सबब आपण सादर केलेल्या अर्जातुसार व खाली दिलेल्या अटीस अधिन राहून पर्यावरण ना हरकत प्रमाणपत्रासाठी सदरचा ना हरकत दाखला देणेत येत आहे.

- १) सदर दाखल्या चा वापर फक्त पर्यावरण विभागाची मंजूरी प्राप्त करणेसाठी देणेत येत आहे.
- २) प्रक्रिया युक्त पाण्याचा पुर्नवापर करून उर्वरित पाण्याची विल्हेवाट मनपाच्या उपलब्ध कार्यान्वित पावसाळी पाण्याच्या (SWD) नलिकेस ह क्षेत्रीय स्थापत्य विभागाच्या पूर्व परवानगीने जोडण्यात यावे.

Shwet
उप अभियंता

ह क्षेत्रीय जलनिःसारण विभाग

PART D

| ANNEXURE NO. | ANNEXURE |
|---------------------|--|
| Annexure -01 | Sanitary & Hygienic Measures |
| Annexure -02 | Facilities provided to Labour Hutments |
| Annexure -03 | PAPER ADVERTISMNET |
| Annexure -04 | Ambient air, Noise , Water Monitoring and analysis Reports |

ANNEXURE -I

Sanitary & Hygienic Measures

Sanitary and Hygiene Measures

- Toilets and Urinals are provided to construction workers and cleaning done on daily basis.
- Separate storage tanks for storage of domestic and Drinking water (RO Water) have been provided.
- Solid waste is being disposed daily to municipal collection system.
- The provided separate area is maintained in hygiene point of view.
- Workers health will be regularly monitored and even Health insurance is provided.
- All construction activity will be followed strictly with guideline of safety measures to assure worker's health and safety.
- Rest Room provided for workers at site.
- Construction Safety Board provided on site.

ANNEXURE II

FACILITIES PROVIDED TO LABOUR HUTMENTS

Facilities provided:

- We have provided 38 non movable toilets and 08 Nos of Urinals for Labour.
- RO plant-Drinking Water facility at various location has also been provided including Labour colony and Site.
- Water Tank for domestic purpose is provided. In addition, Water Tanker also comes daily for supplying water.
- Electric bulbs, Wall mounted fan, Bed bunks etc has been provided.
- Sewage generated at labour colony has been treated in STP (50 KL) capacity.
- Recreational facility like Indoor games / TV with DTH connection provided.
- Regular pest control has been done at colony and site including Rodent/Cockroach/Bed bug and mosquito etc
- Regular visit of Doctor at labour colony.
- Dedicated dining area provided.
- Septic Tank & soak pits provided.

ANNEXURE - 3 Paper Advertisement

Annexure - 4

EMR (AMBIENT AIR, NOISE, WATER MONITORING
AND ANALYSIS REPORTS)



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

TEST REPORT

Date – 18/04/2024

| | | | |
|---------------------|---|--------------------|------------------------|
| Sample/Report No. | GE/LAB/AAQ/MLDL1 | | |
| Name Of Customer | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" | | |
| Address Of Customer | Vallabh Nagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune - 411018 | | |
| Sample Drawn By | Vendor on 12/04/2024 | Sample Received On | 13/04/2024 |
| Start of Analysis | 14/04/2024 | End Of Analysis | 16/04/2024 |
| Monitoring For | Ambient Air Monitoring | Sampling Location | Near Security Gate |
| Sampling Duration | 24 Hrly | Receptor Height | 2.00 meter from G.L. |
| Ambient Temperature | Max- 39.6°C, Min-24.8°C | Relative Humidity | Max- 29.3%, Min- 21.4% |
| Limits | National Ambient Air Quality Standards Vide GSR 826(E)16.11.2009 | | |

| Parameters | Unit | Result | Limits | Method of Analysis |
|---|-------------------|--------|--------|--|
| General Parameters | | | | |
| Particulate matter less than 10 micron | µg/m ³ | 76.31 | 100 | EPA/625/R-96/010a(Compendium Method IO-2.1): 2017 |
| Particulate matter less than 2.5 micron | µg/m ³ | 43.24 | 60 | USEPA Method Aerosol Science Tech FRM 35(4)339-342: 2017 |
| Sulphur Dioxide | µg/m ³ | 30.07 | 80 | IS 5182 (part II) 2001, Reaff: 2017 |
| Oxides of Nitrogen | µg/m ³ | 35.18 | 80 | IS 5182 (part VI) 2006, Reaff: 2017 |
| Carbon Monoxide | mg/m ³ | 0.73 | 2.0 | IS 5182 (part X) 1999, Reaff: 2014 |
| Lead | µg/m ³ | BDL | 1 | IS 5182 (part XXII) 2004, Reaff: 2014 |
| Ozone | µg/m ³ | 27.15 | 100 | IS 5182 (part IX) 1974, Reaff: 2014 |
| Ammonia | µg/m ³ | BDL | 400 | APHA 2nd Edition Method No. 401 |
| Benzene | µg/m ³ | BDL | 5 | IS 5182 (part XI) 2006, Reaff- 2017 |
| Benzo (a) Pyrene - Particulate Phase only | ng/m ³ | BDL | 1 | IS 5182 (Part 12):2004, Reaff: 2014 |
| Arsenic | ng/m ³ | BDL | 6 | APHA 2nd Edition Method No. 822 |
| Nickel | ng/m ³ | BDL | 20 | APHA 2nd Edition Method No. 822 |

• BDL: - Below Detection Limits

• Remarks: - Monitoring Results are well within the limits prescribed by NAAQS.

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- Note –**
1. Results relate only to the sample tested.
 2. Test report shall not be reproduced except in full, without written approval of the laboratory
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---End of the Report---

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📍 **Laboratory** : Sr.No.45A/1-4A/4. "PARSHURAM", Eliphiston Road, Bopodi, Pune - 411003.

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AMBIENT NOISE MONITORING ANALYSIS REPORT

TEST REPORT

| | |
|---------------------|---|
| Sample/Report No. | GE/LAB/ANM/MLDL1 |
| Name Of Customer | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| Address Of Customer | Vallabhnagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri ,Pune - 411018 |
| Report Dated | 18/04/2024 |
| Date Of Sampling | Vendor on 12/04/2024 |
| Date Of Analysis | 13/04/2024 |
| Monitoring For | Ambient Noise Monitoring |
| Sampling Location | Near Security Gate |
| Limits* | Maharashtra Pollution Control Board has prescribed 65 dB(A) as an upper limit of Noise Level during day time & 55 dB(A) during Night time |
| Time Of Sampling | 1) Day time shall mean from 06:00 A.M. to 10:00 P.M. 2) Night time shall mean from 10:00 P.M. to 06:00 A.M |

RESULTS OF ANALYSIS (DAY TIME)

| UNIT | READINGS | MPCB LIMITS |
|-------|----------|-------------|
| dB(A) | 62.7 | 65 |

RESULTS OF ANALYSIS (NIGHT TIME)

| UNIT | READINGS | MPCB LIMITS |
|-------|----------|-------------|
| dB(A) | 51.9 | 55 |

REMARK/OBSERVATIONS: Monitoring results are well within the limits prescribed by MPCB.

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SOIL ANALYSIS REPORT

| | |
|-----------------------------------|--|
| CLIENT'S NAME | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| CLIENT'S ADDRESS | Vallabhnagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune - 411018 |
| Report No: - GE/LAB/S/MLDL1 | Dated:- 18/04/2024 |
| Lab Reference No: GE/LAB/S/MLDL01 | Date Of Sampling: - 12/04/2024 |
| Date Of Analysis: - 13/04/2024 | Details Of Sample- Soil Sample |
| Sample Collected By – Vendor | Sample Container – Zip Lock Plastic Bag |
| Location- Near Security Gate | Quantity of Sample Received - 2 kg |

RESULTS OF ANALYSIS

| Parameter | Unit | Result | Methods Of Analysis |
|------------------------|-------|-------------|------------------------------|
| Appearance | ---- | Light Black | - |
| Texture | | | |
| Clay | % | 58.4 | Method manual soil testing |
| Silt | % | 26.1 | Method manual soil testing |
| Sand | % | 11.7 | Method manual soil testing |
| Gravel | % | 3.80 | Method manual soil testing |
| pH | Value | 6.93 | IS 2720 Part -26 1987 RA2002 |
| Moisture Content | % | 18.59 | IS 15106 2002 |
| Conductivity | Mmhos | 4.71 | IS 14767 : 2000 |
| Water Holding Capacity | % | 21.06 | IS 14765 2000 |
| Copper as Cu | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Zinc as Zn | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Lead as Pb | mg/kg | BDL | IS 6092 Part- 5 1985 |



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SOIL ANALYSIS REPORT

| Parameter | Unit | Result | Methods Of Analysis |
|---------------------|-------|--------|-------------------------------|
| Cadmium as Cd | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Iron as Fe | mg/kg | 0.76 | IS 6092 Part- 5 1985 |
| Manganese as Mn | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Phosphorous as P | Kg/ha | 1.84 | IS 6092 (Part 3) 2004 |
| Total Nitrogen as N | mg/kg | 4573 | Method manual soil testing |
| Potassium as k | mg/kg | 602.9 | IS 2799 -1980 |
| Sodium as Na | mg/kg | 1.15 | IS 2799 -1980 |
| Organic Carbon | % | 4.21 | IS 2720 Part -22 1972 RA 2010 |
| Calcium as Ca | % | 2.86 | IS 2409:1985 |
| Magnesium as Mg | % | BDL | IS 2409:1985 |

- BDL - Below Detection Limits

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DRINKING WATER MONITORING ANALYSIS REPORT

| | |
|----------------------------------|---|
| CLIENT'S NAME | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| CLIENT'S ADDRESS | Vallabh Nagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune - 411018 |
| Report No: - GE/LAB/W/MLDL1 | Dated:- 18/04/2024 |
| Lab Reference No: GE/LAB/WMLDL01 | Date Of Sampling: - 12/04/2024 |
| Date Of Analysis – 13/04/2024 | Details Of Sample- Drinking Water |
| Sample Collected By – Vendor | Sample Container – Sterilized Bottle |
| Location- Near Security Gate | Quantity of Sample Received - 2 Lit. |

RESULTS OF ANALYSIS

| Parameter | Unit | Result | Standard : (IS 10500:2012) | Methods of Analysis |
|------------------------|--------|-----------|-------------------------------|--|
| pH | Value | 7.14 | 6.5 - 8.5 | IS 3025 (Part II) 1983, Reaff: 2017 |
| Total Dissolved Solids | mg/lit | 48.02 | 500 | IS 3025 (Part XVI) 1984, Reaff: 2017 |
| Total Suspended Solids | mg/lit | 0.81 | Not Specified | IS 3025 (Part XVII) 1984, Reaff- 2017 |
| Colour | ---- | Colorless | Colorless | IS 3025 (Part IV) 1983 |
| Odour | ---- | Odorless | Odorless | APHA 23 rd Edition(Part 2150B) |
| Turbidity | NTU | < 0.23 | < 5 | IS 3025 (Part X) 1984, Reaff: 2017 |
| Total Hardness | mg/lit | 17.59 | 200 | IS 3025 (Part XXI) 2009, Reaff: 2019 |
| Calcium Hardness | mg/lit | 9.46 | Not Specified | IS 3025 (Part 40) 1991, Reaff: 2019 |
| Magnesium Hardness | mg/lit | 8.13 | Not Specified | IS 3025 (Part 46) 1994, Reaff: 2019 |



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DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|------------------------------|--------|--------|-----------------------------|---|
| Chloride | mg/lit | 03.44 | 250 | IS 3025 (Part 32) 1998, Reaff: 2019 |
| Sulphate | mg/lit | 02.32 | 200 | IS 3025 (Part 24) 1986, Reaff: 2019 |
| Total alkalinity | mg/lit | 47.16 | 200 | IS 3025 (Part 23) 1986, Reaff: 2019 |
| Fluoride | mg/lit | Absent | 1.0 | IS 3025 (Part 60) 2008 |
| Nitrates | mg/lit | Absent | 45 | APHA 23 rd Edition, (Part 4500-NO ₃ ⁻ B) |
| Cyanide | mg/lit | Absent | 0.05 | APHA 23 rd Edition, (Part 4500-CN ⁻ C) |
| Residual free chlorine | mg/lit | 0.2 | 0.2 | APHA 23 rd Edition, (Part 4500-CI B) |
| Copper | mg/lit | Absent | Max 0.05 | IS:3025 (Part 42) 1992, Reaff: 2019 |
| Mercury | mg/lit | Absent | Max 0.001 | APHA 23 rd Edition, (Part 3500Hg) |
| Cadmium | mg/lit | BDL | Max 0.003 | APHA 23 rd Edition, (Part 3500-Cd) |
| Lead | mg/lit | BDL | Max 0.01 | IS 3025 (Part 47) 1994, Reaff: 2019 |
| Zinc | mg/lit | Absent | 5.0 | IS 3025 (Part 49) 1994, Reaff: 2019 |
| Coliform Organism | mg/lit | BDL | Not Specified | IS: 1622 – 1981 |
| Nickel | mg/lit | Absent | Max 0.02 | IS 3025 (Part 54) 2003, Reaff: 2019, |
| Polychlorinated biphenyls | mg/lit | Absent | 0.0005 | APHA 23 rd Edition, (Part 6431 B) |
| Total chromium | mg/lit | Absent | Max 0.05 | APHA 23 rd Edition, (Part 3111B) |
| Total arsenic | mg/lit | Absent | Max 0.01 | APHA 23 rd Edition, (Part 3500-As B) |
| Aluminium | mg/lit | Absent | Max 0.03 | APHA 23 rd Edition, (Part 3111 D) |
| Ammonia(as total ammonia- N) | mg/lit | BDL | Not Specified | APHA 23 rd Edition, (Part 4500-NH 3C) |
| Boron | mg/lit | BDL | Max 0.5 | APHA 23 rd Edition, (Part 4500-B C) |
| Silver | mg/lit | Absent | 0.1 | APHA 16 th Edition, (Part 324B) |



DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|----------------------------|--------|--------|-----------------------------|--|
| Sulphide | mg/lit | Absent | 0.05 | APHA 23 rd Edition, (part 4500-D) |
| Mineral oil | mg/lit | BDL | 0.05 | IS 3025 (Part 39) |
| Anionic detergents | mg/lit | BDL | Max 0.2 | APHA 23 rd Edition, (Part 5540 C) |
| Chloramines | mg/lit | Nil | Max 4.0 | APHA 23 rd Edition, (Part 4500-CI G) |
| Selenium | mg/lit | Nil | Max 0.01 | APHA 23 rd Edition, (Part 3500-Se C) |
| Alachlor | µg/lit | Nil | 20 | APHA 23 rd Edition (Part 6630- B) |
| Alpha -HCH | µg/lit | Nil | 0.01 | APHA 23 rd Edition (Part 6630- B) |
| Beta-HCH | µg/lit | Nil | 0.04 | APHA 23 rd Edition (Part 6630- B) |
| Delta-HCH | µg/lit | Nil | 0.02 | APHA 23 rd Edition (Part 6630- B) |
| DDT | µg/lit | Nil | 1.0 | APHA 23 rd Edition, (Part 6630C) |
| 2,4 D | µg/lit | Nil | 3.0 | APHA 23 rd Edition, (Part 6630C) |
| Gamma-HCH (Lindane) | µg/lit | Nil | 2.0 | APHA 23 rd Edition, (Part 6630C) |
| Endosulfan | µg/lit | Nil | 0.4 | APHA 23 rd Edition, (Part 6630C) |
| Atrazine | µg/lit | Nil | 2 | APHA 23 rd Edition, (Part 6630C) |
| Silica as SiO ₂ | ppm | BDL | 0.02 | APHA 23 rd Edition, (Part 4500- SiO ₂ D) |
| Sodium | mg/lit | Absent | Not Specified | APHA 23 rd Edition, (Part 3500 Na B) |
| Potassium | mg/lit | Absent | Not Specified | APHA 23 rd Edition, (Part 3500-K B) |
| Phosphorous | mg/lit | Absent | Not Specified | IS 3025 (Part 31) 1988, Reaff – 2019 |
| Iron | mg/lit | Absent | 0.3 | IS 3025 (Part 53) 2003, Reaff – 2019 |
| Most Probable Number | /100ml | Absent | 0/100ml | IS: 1622 – 1981, Multiple tube technique |
| Ethion | µg/lit | Nil | 3 | APHA 23 rd Edition (Part 6630- B) |



DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|---------------------------|--------|-----------|-----------------------------|--|
| E. coli | /100ml | Absent | 0-1/100ml | IS: 5887 -1 & IS15186:2002 Multiple tube technique |
| Total Coliform | /100ml | Absent | 0-1/100ml | IS:1622-1981, Multiple tube technique |
| Total Viable Count | /100ml | Absent | 0-1/100ml | IS: 5402 : 2012 |
| Fecal | /100ml | Absent | 0-1/100ml | APHA 23 rd Edition Part 9230- B |
| Taste | - | Agreeable | Agreeable | IS 3025 (Part 7 & 8) |
| Phenolic compounds | mg/lit | Nil | 0.001 | IS 3025 (Part 43) |
| Manganese | mg/lit | Nil | 0.1 | APHA 23 rd Edition –(Part 3111-B) |
| Polyaromatic Hydrocarbons | mg/lit | Nil | 0.0001 | APHA 23 rd Edition – (Part 6440-B) |
| Barium | mg/lit | Nil | 1 | IS13428 (Annex F) |
| Trihalomethanes | mg/lit | Nil | - | APHA 23 rd Edition - (Part 6232) |
| Molybdenum | mg/lit | Nil | 0.07 | IS 3025 (Part 2) |
| Phorate | µg/lit | Nil | 2 | APHA 23 rd Edition (Part 6630- B) |
| Monocrotophos | µg/lit | Nil | 1 | APHA 23 rd Edition (Part 6630- B) |
| Malathion | µg/lit | Nil | 190 | APHA 23 rd Edition (Part 6630- B) |
| Methyl Parathion | µg/lit | Nil | 0.3 | APHA 23 rd Edition (Part 6630- B) |
| Isoproturon | µg/lit | Nil | 9 | APHA 23 rd Edition (Part 6630- B) |

● BDL: - Below Detection Limits

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

TEST REPORT

Date – 29/03/2024

| Sample/Report No. | GE/LAB/AAQ/MLDL1 | | | |
|---|---|--------------------|------------------------|--|
| Name Of Customer | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" | | | |
| Address Of Customer | Vallabh Nagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune - 411018 | | | |
| Sample Drawn By | Vendor on 22/03/2024 | Sample Received On | 23/03/2024 | |
| Start of Analysis | 24/03/2024 | End Of Analysis | 26/03/2024 | |
| Monitoring For | Ambient Air Monitoring | Sampling Location | Near Tower D | |
| Sampling Duration | 24 Hrly | Receptor Height | 2.00 meter from G.L. | |
| Ambient Temperature | Max- 37.3°C, Min-21.2°C | Relative Humidity | Max- 41.5%, Min- 34.9% | |
| Limits | National Ambient Air Quality Standards Vide GSR 826(E)16.11.2009 | | | |
| Parameters | Unit | Result | Limits | Method of Analysis |
| General Parameters | | | | |
| Particulate matter less than 10 micron | µg/m ³ | 80.34 | 100 | EPA/625/R-96/010a(Compendium Method IO-2.1): 2017 |
| Particulate matter less than 2.5 micron | µg/m ³ | 47.13 | 60 | USEPA Method Aerosol Science Tech FRM 35(4)339-342: 2017 |
| Sulphur Dioxide | µg/m ³ | 35.21 | 80 | IS 5182 (part II) 2001, Reaff: 2017 |
| Oxides of Nitrogen | µg/m ³ | 39.56 | 80 | IS 5182 (part VI) 2006, Reaff:2017 |
| Carbon Monoxide | mg/m ³ | 0.78 | 2.0 | IS 5182 (part X) 1999, Reaff: 2014 |
| Lead | µg/m ³ | BDL | 1 | IS 5182 (part XXII) 2004, Reaff:2014 |
| Ozone | µg/m ³ | 30.62 | 100 | IS 5182 (part IX) 1974, Reaff: 2014 |
| Ammonia | µg/m ³ | BDL | 400 | APHA 2nd Edition Method No. 401 |
| Benzene | µg/m ³ | BDL | 5 | IS 5182 (part XI) 2006, Reaff- 2017 |
| Benzo (a) Pyrene - Particulate Phase only | ng/m ³ | BDL | 1 | IS 5182 (Part 12):2004, Reaff: 2014 |
| Arsenic | ng/m ³ | BDL | 6 | APHA 2nd Edition Method No. 822 |
| Nickel | ng/m ³ | BDL | 20 | APHA 2nd Edition Method No. 822 |

• BDL: - Below Detection Limits

• Remarks: - Monitoring Results are well within the limits prescribed by NAAQS.

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📍 **Laboratory** : Sr.No.45A/1-4A/4. "PARSHURAM", Eliphiston Road, Bopodi, Pune - 411003.

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AMBIENT NOISE MONITORING ANALYSIS REPORT

TEST REPORT

| | |
|---------------------|---|
| Sample/Report No. | GE/LAB/ANM/MLDL1 |
| Name Of Customer | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| Address Of Customer | Vallabh Nagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune – 411018 |
| Report Dated | 29/03/2024 |
| Date Of Sampling | Vendor on 22/03/2024 |
| Date Of Analysis | 23/03/2024 |
| Monitoring For | Ambient Noise Monitoring |
| Sampling Location | Near Tower D |
| Limits* | Maharashtra Pollution Control Board has prescribed 65 dB(A) as an upper limit of Noise Level during day time & 55 dB(A) during Night time |
| Time Of Sampling | 1) Day time shall mean from 06:00 A.M. to 10:00 P.M. 2) Night time shall mean from 10:00 P.M. to 06:00 A.M |

RESULTS OF ANALYSIS (DAY TIME)

| UNIT | READINGS | MPCB LIMITS |
|-------|----------|-------------|
| dB(A) | 64.1 | 65 |

RESULTS OF ANALYSIS (NIGHT TIME)

| UNIT | READINGS | MPCB LIMITS |
|-------|----------|-------------|
| dB(A) | 53.8 | 55 |

REMARK/OBSERVATIONS: Monitoring results are well within the limits prescribed by MPCB.

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📍 **Laboratory :** Sr.No.45A/1-4A/4. "PARSHURAM", Eliphiston Road, Bopodi, Pune - 411003.

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SOIL ANALYSIS REPORT

| | |
|-----------------------------------|--|
| CLIENT'S NAME | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| CLIENT'S ADDRESS | Vallabhnagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri ,Pune – 411018 |
| Report No: - GE/LAB/S/MLDL1 | Dated:- 29/03/2024 |
| Lab Reference No: GE/LAB/S/MLDL01 | Date Of Sampling: - 22/03/2024 |
| Date Of Analysis: - 23/03/2024 | Details Of Sample- Soil Sample |
| Sample Collected By – Vendor | Sample Container – Zip Lock Plastic Bag |
| Location- Near Tower D | Quantity of Sample Received - 2 kg |

RESULTS OF ANALYSIS

| Parameter | Unit | Result | Methods Of Analysis |
|------------------------|-------|----------|------------------------------|
| Appearance | ---- | Blackish | - |
| Texture | | | |
| Clay | % | 61.5 | Method manual soil testing |
| Silt | % | 22.8 | Method manual soil testing |
| Sand | % | 9.37 | Method manual soil testing |
| Gravel | % | 6.33 | Method manual soil testing |
| pH | Value | 7.01 | IS 2720 Part -26 1987 RA2002 |
| Moisture Content | % | 20.48 | IS 15106 2002 |
| Conductivity | Mmhos | 5.39 | IS 14767 : 2000 |
| Water Holding Capacity | % | 23.10 | IS 14765 2000 |
| Copper as Cu | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Zinc as Zn | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Lead as Pb | mg/kg | BDL | IS 6092 Part- 5 1985 |



SOIL ANALYSIS REPORT

| Parameter | Unit | Result | Methods Of Analysis |
|---------------------|-------|--------|-------------------------------|
| Cadmium as Cd | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Iron as Fe | mg/kg | 0.98 | IS 6092 Part- 5 1985 |
| Manganese as Mn | mg/kg | BDL | IS 6092 Part- 5 1985 |
| Phosphorous as P | Kg/ha | 1.62 | IS 6092 (Part 3) 2004 |
| Total Nitrogen as N | mg/kg | 4837 | Method manual soil testing |
| Potassium as k | mg/kg | 704.8 | IS 2799 -1980 |
| Sodium as Na | mg/kg | 1.31 | IS 2799 -1980 |
| Organic Carbon | % | 4.96 | IS 2720 Part -22 1972 RA 2010 |
| Calcium as Ca | % | 2.50 | IS 2409:1985 |
| Magnesium as Mg | % | BDL | IS 2409:1985 |

- BDL - Below Detection Limits

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DRINKING WATER MONITORING ANALYSIS REPORT

| | |
|----------------------------------|---|
| CLIENT'S NAME | M/s. Mahindra Lifespace Developers Limited. "Mahindra Citadel" |
| CLIENT'S ADDRESS | Vallabh Nagar, Horizon, CTS 4854, Next to ICC Tech Park, Pimpri, Pune – 411018 |
| Report No: - GE/LAB/W/MLDL | Dated:- 29/03/2024 |
| Lab Reference No: GE/LAB/WMLDL01 | Date Of Sampling: - 22/03/2024 |
| Date Of Analysis – 23/03/2024 | Details Of Sample- Drinking Water |
| Sample Collected By – Vendor | Sample Container – Sterilized Bottle |
| Location- Security cabin | Quantity of Sample Received - 2 Lit. |

RESULTS OF ANALYSIS

| Parameter | Unit | Result | Standard : (IS 10500:2012) | Methods of Analysis |
|------------------------|--------|-----------|-------------------------------|--|
| pH | Value | 7.03 | 6.5 - 8.5 | IS 3025 (Part II) 1983, Reaff: 2017 |
| Total Dissolved Solids | mg/lit | 50.47 | 500 | IS 3025 (Part XVI) 1984, Reaff: 2017 |
| Total Suspended Solids | mg/lit | 0.95 | Not Specified | IS 3025 (Part XVII) 1984, Reaff- 2017 |
| Colour | ---- | Colorless | Colorless | IS 3025 (Part IV) 1983 |
| Odour | ---- | Odorless | Odorless | APHA 23 rd Edition(Part 2150B) |
| Turbidity | NTU | < 0.28 | < 5 | IS 3025 (Part X) 1984, Reaff: 2017 |
| Total Hardness | mg/lit | 20.77 | 200 | IS 3025 (Part XXI) 2009, Reaff: 2019 |
| Calcium Hardness | mg/lit | 11.53 | Not Specified | IS 3025 (Part 40) 1991, Reaff: 2019 |
| Magnesium Hardness | mg/lit | 9.24 | Not Specified | IS 3025 (Part 46) 1994, Reaff: 2019 |



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DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|------------------------------|--------|--------|-----------------------------|---|
| Chloride | mg/lit | 03.91 | 250 | IS 3025 (Part 32) 1998, Reaff: 2019 |
| Sulphate | mg/lit | 02.73 | 200 | IS 3025 (Part 24) 1986, Reaff: 2019 |
| Total alkalinity | mg/lit | 51.49 | 200 | IS 3025 (Part 23) 1986, Reaff: 2019 |
| Fluoride | mg/lit | Absent | 1.0 | IS 3025 (Part 60) 2008 |
| Nitrates | mg/lit | Absent | 45 | APHA 23 rd Edition, (Part 4500-NO ₃ ⁻ B) |
| Cyanide | mg/lit | Absent | 0.05 | APHA 23 rd Edition, (Part 4500-CN ⁻ C) |
| Residual free chlorine | mg/lit | 0.3 | 0.2 | APHA 23 rd Edition, (Part 4500-CI B) |
| Copper | mg/lit | Absent | Max 0.05 | IS:3025 (Part 42) 1992, Reaff: 2019 |
| Mercury | mg/lit | Absent | Max 0.001 | APHA 23 rd Edition, (Part 3500Hg) |
| Cadmium | mg/lit | BDL | Max 0.003 | APHA 23 rd Edition, (Part 3500-Cd) |
| Lead | mg/lit | BDL | Max 0.01 | IS 3025 (Part 47) 1994, Reaff: 2019 |
| Zinc | mg/lit | Absent | 5.0 | IS 3025 (Part 49) 1994, Reaff: 2019 |
| Coliform Organism | mg/lit | BDL | Not Specified | IS: 1622 – 1981 |
| Nickel | mg/lit | Absent | Max 0.02 | IS 3025 (Part 54) 2003, Reaff: 2019, |
| Polychlorinated biphenyls | mg/lit | Absent | 0.0005 | APHA 23 rd Edition, (Part 6431 B) |
| Total chromium | mg/lit | Absent | Max 0.05 | APHA 23 rd Edition, (Part 3111B) |
| Total arsenic | mg/lit | Absent | Max 0.01 | APHA 23 rd Edition, (Part 3500-As B) |
| Aluminium | mg/lit | Absent | Max 0.03 | APHA 23 rd Edition, (Part 3111 D) |
| Ammonia(as total ammonia- N) | mg/lit | BDL | Not Specified | APHA 23 rd Edition, (Part 4500-NH 3C) |
| Boron | mg/lit | BDL | Max 0.5 | APHA 23 rd Edition, (Part 4500-B C) |
| Silver | mg/lit | Absent | 0.1 | APHA 16 th Edition, (Part 324B) |



DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|----------------------------|--------|--------|-----------------------------|--|
| Sulphide | mg/lit | Absent | 0.05 | APHA 23 rd Edition, (part 4500-D) |
| Mineral oil | mg/lit | BDL | 0.05 | IS 3025 (Part 39) |
| Anionic detergents | mg/lit | BDL | Max 0.2 | APHA 23 rd Edition, (Part 5540 C) |
| Chloramines | mg/lit | Nil | Max 4.0 | APHA 23 rd Edition, (Part 4500-CI G) |
| Selenium | mg/lit | Nil | Max 0.01 | APHA 23 rd Edition, (Part 3500-Se C) |
| Alachlor | µg/lit | Nil | 20 | APHA 23 rd Edition (Part 6630- B) |
| Alpha -HCH | µg/lit | Nil | 0.01 | APHA 23 rd Edition (Part 6630- B) |
| Beta-HCH | µg/lit | Nil | 0.04 | APHA 23 rd Edition (Part 6630- B) |
| Delta-HCH | µg/lit | Nil | 0.02 | APHA 23 rd Edition (Part 6630- B) |
| DDT | µg/lit | Nil | 1.0 | APHA 23 rd Edition, (Part 6630C) |
| 2,4 D | µg/lit | Nil | 3.0 | APHA 23 rd Edition, (Part 6630C) |
| Gamma-HCH (Lindane) | µg/lit | Nil | 2.0 | APHA 23 rd Edition, (Part 6630C) |
| Endosulfan | µg/lit | Nil | 0.4 | APHA 23 rd Edition, (Part 6630C) |
| Atrazine | µg/lit | Nil | 2 | APHA 23 rd Edition, (Part 6630C) |
| Silica as SiO ₂ | ppm | BDL | 0.02 | APHA 23 rd Edition, (Part 4500- SiO ₂ D) |
| Sodium | mg/lit | Absent | Not Specified | APHA 23 rd Edition, (Part 3500 Na B) |
| Potassium | mg/lit | Absent | Not Specified | APHA 23 rd Edition, (Part 3500-K B) |
| Phosphorous | mg/lit | Absent | Not Specified | IS 3025 (Part 31) 1988, Reaff – 2019 |
| Iron | mg/lit | Absent | 0.3 | IS 3025 (Part 53) 2003, Reaff – 2019 |
| Most Probable Number | /100ml | Absent | 0/100ml | IS: 1622 – 1981, Multiple tube technique |
| Ethion | µg/lit | Nil | 3 | APHA 23 rd Edition (Part 6630- B) |



DRINKING WATER MONITORING ANALYSIS REPORT

| Parameter | Unit | Result | Standard: (IS10500:2012) | Methods of Analysis |
|---------------------------|--------|-----------|-----------------------------|--|
| E. coli | /100ml | Absent | 0-1/100ml | IS: 5887 -1 & IS15186:2002 Multiple tube technique |
| Total Coliform | /100ml | Absent | 0-1/100ml | IS:1622-1981, Multiple tube technique |
| Total Viable Count | /100ml | Absent | 0-1/100ml | IS: 5402 : 2012 |
| Fecal | /100ml | Absent | 0-1/100ml | APHA 23 rd Edition Part 9230- B |
| Taste | - | Agreeable | Agreeable | IS 3025 (Part 7 & 8) |
| Phenolic compounds | mg/lit | Nil | 0.001 | IS 3025 (Part 43) |
| Manganese | mg/lit | Nil | 0.1 | APHA 23 rd Edition –(Part 3111-B) |
| Polyaromatic Hydrocarbons | mg/lit | Nil | 0.0001 | APHA 23 rd Edition – (Part 6440-B) |
| Barium | mg/lit | Nil | 1 | IS13428 (Annex F) |
| Trihalomethanes | mg/lit | Nil | - | APHA 23 rd Edition - (Part 6232) |
| Molybdenum | mg/lit | Nil | 0.07 | IS 3025 (Part 2) |
| Phorate | µg/lit | Nil | 2 | APHA 23 rd Edition (Part 6630- B) |
| Monocrotophos | µg/lit | Nil | 1 | APHA 23 rd Edition (Part 6630- B) |
| Malathion | µg/lit | Nil | 190 | APHA 23 rd Edition (Part 6630- B) |
| Methyl Parathion | µg/lit | Nil | 0.3 | APHA 23 rd Edition (Part 6630- B) |
| Isoproturon | µg/lit | Nil | 9 | APHA 23 rd Edition (Part 6630- B) |

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