



GAGAN
DEVELOPERS
CREATING EXPERIENCES

GAGAN HABITATS LLP

Date: 2nd June 2023

To,
The Additional Director(s),
Regional Office (WCZ),
Ministry of Environment,
Forest & Climate Change,
Ground floor, East Wing,
New Secretariate Building,
Civil Lines, Nagpur – 440001,
Maharashtra

Sub: Submission of Environmental Clearance compliance for commercial building construction of **Gagan Arbor Court** at S. No. 81 / 22, 23 Mundhwa, Tal Haveli, Pune by Gagan Habitats LLP. **(JUNE 2023)**

Ref: Clearance Letter No. SEIAA- EC 0000002012, Dated 20th Sep 2019

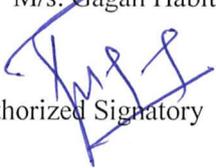
Respected Sir,

With reference to the above subject we are submitting the current Status of our construction work, monitoring reports, data sheet and point wise environmental clearance compliance status to various stipulations laid down by the Ministry of Environment and Forest in its Clearance Letter No. SEIAA- EC 0000002012, Dated 20th Sep 2019, along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,
Yours Sincerely,

For M/s. Gagan Habitats LLP


Authorized Signatory



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GAGAN HABITATS LLP

To,
The Member Secretary SEIAA,
Environment Department,
Room No.217, 2 nd floor,
Mantralay, Annexe
Mumbai 400032

Date: 2nd June 2023

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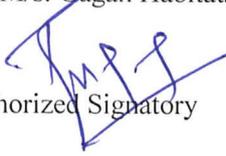
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To,
The Regional Officer

Date: 2nd June 2023

Maharashtra Pollution Control Board,
Jog Center, 3rd floor,
Mumbai Pune Road,
Wakadewadi, Pune,
Maharashtra 411003

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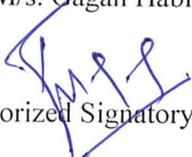
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PART A

CURRENT STATUS OF WORK



GAGAN HABITATS LLP

CURRENT STATUS OF WORK – JUNE 2023

Sr.No	No. of Buildings	Status	Status of the Environmental Management Facilities
1	Commercial Building – Building – B1+B2+B3+GR+MEZZ+5 FLOORS	Excavation work completed, Basement3 Slab – 100%Completed, Basement2 Slab – 100%Completed, Basement1 Slab – 100% Completed, Ground Floor Slab – 80% Mezzanine Slab – 50% Completed	
2	Office - Ground Floor		

Yours Sincerely,

For, GAGAN HABITATS LLP
(Authorized Signatory)

PART B

POINT WISE COMPLIANCE STATUS

PART B:

2. Point wise compliance status to various stipulations laid down by the Ministry in its clearance letter SEIAA-EC-0000002012 are as follows:

Sr. No	Condition	Status
PART A - SPECIFIC CONDITIONS		
(v)	This EC is for: FSI : 12,067.79 m ² , Non-FSI : 13,577.92 m ² and Total BUA: 25,645.71 m ² (IOD no-CE/BP/1179/19, Date- 16/04/2019)	Noted and adhered
General Conditions		
(i)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Noted and adhered
(ii)	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 adhered. STP will be installed commissioned.
(iii)	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.	Not applicable at this stage.
(iv)	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Noted and adhered
(v)	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Noted and adhered
(vi)	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.	Yes. We have consent to Establish. No. Format1.0/BO/JD (WPC)/UAN-076866/CE/CC-1911000462 Dated: - 31/11/2019.
(vii)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Noted.
(viii)	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	Yes, noted and we provided a sanitation facility for construction workers.

Sr. No	Condition	Status
(ix)	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Yes, we will collect separately dry/solid waste. And disposal for land filling after recovering recycle material.
(x)	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.	Noted and adhered
(xi)	Arrangement shall be made that waste water and storm water do not get mixed.	Noted and adhered
(xii)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	The top soiled will be used in landscaped developing within the project site.
(xiii)	Additional soil for leveling 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.	Noted and adhered
(xiv)	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Not applicable.
(xv)	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.	Analysis report is attached in annexure.
(xvi)	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Noted and adhered
(xvii)	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Noted and adhered
(xviii)	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.	For Proposed Building: The acoustically enclosed diesel type generator sets which uses low Sulphur diesel is being used which confirms to the rules. Environment (protection) Rules prescribed for air and noise emission standards.
(xix)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Not applicable
(xx)	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	Incremental pollution loads on the ambient air and noise quality are being closely monitored. Air & noise monitoring reports are enclosed

Sr. No	Condition	Status
	level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB	
(xxi)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	For Construction Phase- Vehicle are allow during early morning hours or late evening hours when traffic in the area is less Standard of construction vehicles are checked regularly including.
(xxii)	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Fly ash use will be as minor quantity. (as per CPCB Norms)
(xxiii)	Ready mixed concrete must be used in building construction.	Noted and adhered
(xxiv)	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Not applicable at this stage
(xxv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	For Existing Building: Best practices to reduce water demand during construction phase adopted.
(xxvi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Noted adhered.
(xxvii)	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. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	Noted & adhered
(xxviii)	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Not applicable
(xxix)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Noted and adhered
(xxx)	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.	Noted and adhered
(xxxi)	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Noted and adhered.
(xxxii)	Roof should meet prescriptive requirement as per Energy	Noted and adhered.

Sr. No	Condition	Status
	Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	
(xxxiii)	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	The energy conservation measures of the project are in confirmation of the ECBC-2006 and NBC 2005.
(xxxiv)	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 diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted and adhered.
(xxxv)	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	It is being followed and ambient noise monitoring reports are attached here in Annexure.
(xxxvi)	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.	There is no traffic congestion near the entry and exit points from the roads. Parking is fully internalized and no public space is being utilized.
(xxxvii)	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Noted and adhered.
(xxxviii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Noted and adhered.
(xxxix)	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.	It is being followed.
(xl)	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.	Environmental clearance has been obtained from the MoEF as vide their ref. SEIAA-EC-000002012
(xli)	Six monthly monitoring reports should be submitted to the	It is being followed.

Sr. No	Condition	Status
	Regional office MoEF, Bhopal with copy to this department and MPCB.	
(xlii)	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 in Para 2. Prior certification from appropriate authority shall be obtained.	Noted and adhered.
(xliii)	Wet garbage 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. Local authority should ensure this.	We will install Organic Waste Converter.
(xliv)	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted and adhered
(xlv)	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Noted and adhered.
(xlvi)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	There is no change in the scope of work.
(xlvii)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted and adhered
(xlviii)	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 and year-wise expenditure should reported to the MPCB & this department.	Separate funds are allocated for implementation of EMP during construction phase and Operation phase. Find attached EMP report in annexure.
(xlix)	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://ec.maharashtra.gov.in .	We have complied with respect to the advertise in local news paper and attached in annexure.
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1st December of each calendar year.	It is being followed.

Proposed “Gagan Arbour Court” Project by M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist- Pune.

Sr. No	Condition	Status
LI	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	Complied and attached in an annexure.
LII	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, 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 adhered.
LIII	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.	It is being followed.
LIV	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.	Noted and adhered.

Please find the same enclosed along with this letter.

Please find all the above mentioned in order and kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

For M/s. Gagan Habitat LLP,

Authorized Signatory

PART C

Datasheet with Enclosure No I, Enclosure No II and
Enclosure No III

ENCLOSURE NO. I

Data Sheet in format with Part – I, Part – II
& Part - III

Proposed "Gagan Arbor Court" Project M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist- Pune

PART I

PROJECT DETAILS

Name & Location	:	Proposed "Gagan Arbor Court" Project by M/s. Gagan Habitats LLP
Total no. Of workers to be employed during the construction phase.	:	Peak : 130 Nos. Average : 50 Nos.
Total Project cost	:	Rs. 49.00 Cr only.
Project infrastructure	:	"Gagan Arbor Court" by M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.
	:	Total Plot Area: 5000 Sq. m. Total Construction Area: 3909.42 Sq. m.
Water Requirement and Sources	:	During Construction Phase - From Tankers: 20 m ³ /day (depending upon the activity) During Operational Phase - From PMC water: 25 m ³ /day Recycled water- 30 m ³ / day
Sewage generated	:	159 m ³ /day
Power	:	During Construction Phase - 1. From MSEDCL: 75 KW Operational Phase - From MSEDCL connected load Residential & Commercial: 1850 KW 1 D.G Set of Capacity: 750 KVA x 2 (In case of power failure for load only)
Gaseous emissions	:	Pollutants like SPM, SO ₂ may arise from emissions from DG Sets will be connected to an appropriately designed vent.
Solid waste from : Garbage: Operation Phase 1. Dry 2. Wet	:	20.00 kg /day. (During Pre-Construction & Construction Phase) 259 kg /day. 173 kg/day

PART II

ENVIRONMENT MANGEMENTPLAN

The Project proposed to establish residential and commercial complex by M/s. Gagan Habitats LLP is coming up at sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.

The issues likely to develop at various stages of the project e.g. preconstruction, construction & operation could be addressed by preparing a compatible environmental management plan (EMP) & its effective implementation. During study it is to be considered all the environmental attributes such as air, water, noise solid waste & socio-economic aspects etc.

The main aim of environment management plan is to conserve the resources minimize the waste generation, treatment of waste & recycling of material.

Also incorporates vegetation & landscapes of open area & also the post project quality monitoring.

Environmental management plan (EMP) is aimed at mitigating the possible adverse impact of a project & for ensuring to maintain the existing environmental quality. The EMP converses all aspects of planning, construction & operation of the projects, which are relevant to environment. It is essential to implement the EMP right from the planning stage and then continuing it throughout the construction & operations stage. Therefore the main objective of the EMP is to identify the projects specific activities that would have to be considered for investigation of the significant adverse impacts & the mitigation measures required.

During study of the environmental attributes it was seen that all the aspects would be considered to promote the better development in case of future aspects of projects as well as environmental aspects.

1. Water Management:

Sewage Treatment

Objective of Sewage treatment should be

- To treat sewage so that it can be re-used for toilet flushing/gardening.
- Balance water should be let out to Municipal sewer drain line.
- In order to treat the sewage effectively, MBBR Types sewage treatment is recommended:

Proposed “Gagan Arbor Court” Project M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.

- Treated sewage should be a reused the maximum extent for toilet flushing & gardening.
- The excess treated water should be let out to the nearest corporation sewer line along with road.

Description of treatment facility

The typical sewage treatment envisaged for the construction of STP looking over all the aspects of reliability & techno economic feasibility study for the proposed building unit will be Moving Bed Bio Reactor (MBBR).

Features of the design:

Capacity of the plants: 45 KLD

Treated effluent quality: Treated effluent meets the most stringent of the standards Compact and Elegant: The system elegantly designed with the particular emphasis on compactness, aesthetics and ergonomics.

Parameters	Unit	Inlet Water Quality	Treated water quality
pH	NA	6.0-8.5	5.5-9.0
Oil & Grease	mg/l	10-20	<10
BOD	mg/l	200-500	<10
COD	mg/l	350-450	<50
TSS	mg/l	150-200	<10
Nitrate	mg/l	15-16	<10
Dissolved PO ₄	mg/l	13-15	<5
Fecal Coliform	MPN/100L	Nil	Nil
Total Nitrogen	mg/l	120	<50

Odor free Environment: The system designs ensures and odor free environment unlike competing systems.

Residuals:

Excess sludge from the biological treatment process is dewatered in filter place. This is preferred to other sludge drying methods for the following reasons:

- Saves 80 - 90% on electricity
- Easy to operate - only gardener level operator required
- Hence, saves 80 - 90% on O & M cost

[AboutRs. 12.50/- per cu.m.]

- Payback within 4 – 5 years!

- No problem of flow fluctuations in holidays / vacations
- No secondary sludge
- Resembles a beautiful garden!

Environmental Impacts and Life Cycle Assessment

- Positive environmental impacts.
- Use of a treated water for toilet flushing and the resulting water conservation
- As the operation is essentially soundless, no adverse noise impacts will be created

B) Rain water harvesting:

Rainwater Harvesting facilities will be created at the project site in the form of aquifer recharge. However, water requirement for the project will not be met from groundwater.

Such rainwater harvesting system should have two-fold objective:

- 1) To utilize rain water available on the plot in direct way or indirect way to reduce the load on water supply system.
- 2) To minimize the storm water drainage load to avoid water logging locally as well as on larger scale.

Run off calculation:

Level of Ground Water Table	15 m bgl.
Percolation Pits not provided	
Budgetary allocation (Capital cost and O&M cost)	
Capital cost	Rs 14 Lakhs
O&M cost	Rs 1.5 Lakhs/annum

AIR POLLUTION CONTROLE

DURING CONSTRUCTION PHASE:

The project will contribute in higher dust level during construction phase. The concrete will be made from outside source of Ready Mix Plant. The debris and utilized construction material and earth from the construction site shall be removed immediately to recycle within the project so that no nuisance dust is generated due to wind. Construction activities shall not be allowed at night.

The site being influence by winds would result in quick dispersal of the pollutants and thereby the impacts due to NO_x and SO₂ emissions during the construction will be

negligible. Therefore, considering all the air pollutants, it is not expected that air emission due to construction will exceed air quality standards (NAAQS)

Precautions, which would be taken to reduce dust generation during construction phase, are mentioned as follows:

- Concrete supplied from an outside source involves trucks carrying cement, gravel, sand travelling to site and may cause dust emission thus ready mix concrete carried in enclosed container will be used as it is better option compared to onsite batch mixing. The operations shall be carried out in a temporary enclosed shed and workers shall be provided with protection masks.
- Dust covers will be provided on trucks that would be used for transportation of materials prone to fugitive dust emissions.
- Water sprinkling on ground and new construction will be done at regular intervals to avoid dust generation.
- Mitigation measures shall include regular maintenance of machinery and provision of personal protective equipment's to workers where needed.
- Proper upkeep and maintenance of vehicle, sprinkling of water on roads and construction site and providing sufficient vegetation all around the plant site are some of the measures that would reduce the impact during construction phase.

AFTER COMPLETION

The proposed project will not have any direct impact on air environment after completion. To ease the traffic congestion project proponent will provide well organized parking arrangement.

The vehicles employed by the developers shall be checked by vehicular emissions. The developers shall also impress upon the service agencies to get vehicles regularly checked for vehicular emissions.

During operational phase, one number of D.G. sets is provided only in case of power failure of water pumps, fire pumps/ firefighting system, stretcher lifts, partial lighting in common lobbies/stairs, partial lighting in stilts/podium access roads etc. DG sets will be complying with CPCB norms for air pollutants.

Emission during construction and operation will be as per the desirable limits of CPCB standards.

NOISE POLLUTION CONTROL

Construction Phase:

During construction phase, source of noise pollution will be due to operation of machinery Earthmoving Machinery Mini Hoist Crane, Hoist Crane, Concrete mini

mixer, Weight batcher etc. as well as transportation of vehicles. This will cause nuisance to the occupants of the nearby area. The project proponent has agreed to take precaution to control noise pollution as mentioned under:

- Use of equipment generating noise of not greater than 90 dB (A).
- High noise generating construction activities would be carried out only during daytime.
- Installation, use and maintenance of mufflers on equipment.
- Workers working near high noise construction machinery would be supplied with ear muffs/ear plugs.

Operation phase:

The proposed project being Residential complex, the source of noise is vehicular noise only. The project proponents have propose to provide adequate parking arrangement, which would help in reducing noise levels due to vehicular movement in the parking area.

The project proponents have proposed wall and rows of trees, which would act as noise buffer and will reduce the noise level within site.

Canopies will be provided to the mechanical devices to reduce noise and vibration. There will not be any considerable impact on the ambient air quality around the project site as CPCB approved DG sets along with acoustic room will be developed and plantations will be provided.

SOLID WASTE MANAGEMENT

CONSTRUCTION PHASES:

Solid waste would be generated mainly due to excavation in the form of rubble and soil. This soil and rubble would be used for development of landscape within the projects site. The Biodegradable and non-biodegradable soil waste which will granted from labors will be sent to Municipal waste bins working within site.

OPERATION PHASE:

Solid waste is generating in the society campus is domestic type having source separated dry and wet components. The dry waste like paper, cardboard boxes, thermocol packing, plastic, etc. shall be sent to scrap vendor for recycling purpose. However, wet waste, which is biodegradable, is converted to bio-compost by adopting following aerobic composting method.

Solid waste from domestic sources shall be treated by the following ways:

- Wet garbage: Composting within the premises and using it as manure.
- Sludge from S.T.P will be used in –house.
- PP has already installed organic waste converter & Now it is in operation

Biodegradable and non-biodegradable waste is segregating in the project premises. Dry waste will be sent for recycling.

Solid Waste Management

During Operation Phase

Quantity of wet waste – 173 kg/day

Quantity of Dry waste – 259 kg/day

Biodegradable and non-biodegradable waste is segregating within the project premises. Dry waste is sent for recycling and wet waste is treated by 'In Vessel Process' for composting.

1. GREEN BELT DEVELOPMENT

The project proponent will also propose to develop landscape garden by planting native trees species. The project proponents have proposed a landscape and covered with vegetation of indigenous variety.

ENERGY CONSERVATION

Energy conservation measures are often the easiest, quickest and cheapest way to reduce costs and be environmentally pro-active Energy conservation program will be implemented through measures taken both on energy demand and supply. Energy conservation is focused during the complex planning and operation stages. The conservation efforts would consist of the following:

Measures to reduce energy consumption-

- Minimize use of air conditioning so as to use of architectural design.
- Maximize the use of natural lighting and ventilation through design.
- Purchase of energy efficient appliances (CFL FITTINGS)
- Constant monitoring of energy consumption and defining targets for energy conservation. Energy monitoring will be done with the help of Energy meters.
- Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels. Design based on lux level calculations.
- Use of compact fluorescent lamps and low voltage lighting.
- Sunscreen films on windows to reduce heating inside the buildings.
- Awareness on energy conservation will be raised among the users of the building in the complex.
- Use of windmills to cover-up the part lighting load of common area

Maximum priority is given for placement of solar water on top terraces. The appurtenant spaces here common lighting is required are proposed to use unconventional energy.

ARCHITECTURAL DESIGNS

- Maximum ground is covered by green patches to reduce reflection of heat from ground surface.
- Shade giving trees are proposed around the condominium especially on South & west side to cast shadow on the ground & building.
- By accommodating maximum parking area are covered parking, heat generation due to vehicle is compressed below the building.
- Thermal paint application is proposed for external walls which reduce & reflect heat. Direct exposure to sun is reduced by proposing double height terraces & double wall external walls. Adequate sunshades are proposed.

Thermal Characteristics of the building envelop:

- a) Terraces will be treated with a layer of brickbat coba for reduction in heat gain through roof.
- b) Overhang projections & horizontal band of 0.3m will be provided around the windows which will be reducing solar heat gain assures maximum natural light and ventilation in the buildings.
- c) External shading is prominently use in the complex intercepts solar heat before it reaches the glass /wall.
- d) External walls are 150 mm with 12 mm plaster on both the sides (cavity wall), double height terraces are provided to reduce direct exposure to sun. Tinted colored with light slightly tinted colors to reduce solar heat gain & will reflect heat.
- e) Friendly acrylic paint.

7. ENVIRONMENTAL AND SAFETY CARE

The project proponents shall follow all the safety rules and regulation as prescribed by regulatory authority as under-

Fire and general safety Measures

The system is having

- a) Fire Hydrant System
- b) Fire alarm System Manual
- c) Portable Fire Extinguishers

Proposed “Gagan Arbor Court” Project M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.

a) Fire Hydrate System consist of following

- Wet Riser mm dia. Class C from terrace to UG tank.150 mm dia. G I Pipe Class C from water tank to booster pump & pump to terrace
- 5 HP Pump at terrace as booster as booster pump.
- Fire Hydrant Value, Fire House Pipe 63mm dia., Short Branch Pipe , House Reel drum – one each Landing
- Fire Inlet at parking and road side.
- Court Yard Hydrants on each 30Meter on periphery of building.
- One Pump on UG tank to give discharge.

b) Fire Alarm System

- Manual Call Point cum Hooter with microphone on each landing.
- Talk Back Public Address System Panel at Parking.

c) Portable Fire Extinguishers – At lift room, meter board, parking transformer room.

During Construction Phase:

- Fire Protection equipments like sand Buckets and extinguishes will be installed whenever it required.

During Operation Phase:

- Under Ground Storage Tank – Tank 250 CMD
- Fire Water Tank Overhead- 20 CMD for each wing.

SEISMIC ENVIRONMENT AND PRECAUTIONS

As per the Seismic Zoning Map of India (given in Enclosures) Pune region falls under Zone -3 Stability Certificate , as per prevalent IS Code will be obtained for these buildings from registered Consulting Structural Engineer considering the seismic forces and wind forces etc.

WATER LOGGING-

The projects proponent has made proper storm water drain arrangement and rainwater harvesting will be implemented within their premises. Hence water logging will be less.

10. FUNCATIONS OF ENVIRNMENTAL MANGEMENT CELL

10.1 Formation of Environmental Management Cell:

Monitoring and feedback becomes essential to ensure that the mitigation measures planned by way of environmental protection management cell comprising senior officials may be constituted

Proposed “Gagan Arbor Court” Project M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.

To maintain the EMP, a structured Environmental Management Cell (EMC) interwoven with the existing management system will be created. EMC will undertake regular monitoring of the environmental and conduct yearly audit of the environmental performance during the construction of the project. It will also check that the stipulated measures are being satisfactorily implemented and operated. It shall also co-ordinate with local authorities to see that all environmental measures are well coordinated.

EMC will perform following functions

Monthly review of environmental problems and monitoring of installation / performances /maintains of pollution control measures.

Enforcement of latest rules and regulation under relevant Environmental protection acts.

Preparation of budgetary estimates to seek sanctions for new pollutions control measures if required and/or up-gradation of existing ones based on new technologies.

Emergency planning.

EMC shall meet at least once a month and take stock of progress of work relating to decision taken and targets set in the previous meeting.

FORMATION OF TASK FORCE

A task having force having organizational set-up comprising staff of various grades shall be constituted. The task force will ensure following tasks:

Monitoring activities within core & buffer zone.

Monitoring of efficiency of pollution control schemes.

Preparation of maintenance scheduled of STP & composting plant and ensures that is followed strictly.

Inspection and regular cleaning of draining system.

Green- belt development.

Water and energy conservation.

Good housekeeping.

Apprising EMC on regular basis.

MONITORING PROGRAM

Proposed "Gagan Arbor Court" Project M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal-Haveli, Dist-Pune.

A comprehensive environmental monitoring program that has been prepared for the purpose of implementation in the proposed residential complex will be strictly followed to ensure the success of environmental management activities.

It is proposed to carry out environmental monitoring work of factory by MoEF recognized laboratory. They will assign the work for carrying environmental audit for each year. Also environmental awareness program shall be conducted on regular basis.

PART –III

ALLOCATION MADE FOR ENVIRON-MENTAL MANAGEMENT PLANS

DURING OPERATIONAL PHASE:

CAPITAL INVESTMENT FOR ECOFRIENDLY FEATURES

Sr. No	Project	Capital Cost (Rs. Lakhs)	O & M Cost/Year (Rs. Lakhs)
1	Sewage Treatment Plant	22.5	6.2
2	Solid Waste Management	11.25	2.51
3	Landscaping	20	2
4	Energy Saving	30	4
5	Rain Water Harvesting	14	1.5
6	Environmental Monitoring	-	1.85
7	Lightning Arrester	8.35	0.8
Total amount		106.1	18.86

ENCLOSURE NO. II

A COPY OF ENVIRONMENTAL CLEARANCE



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: September 20, 2019

To,
Mr. Rahul Garg
at S. No. 81 / 22,23 Mundhwa

Subject: Environment Clearance for Proposed commercial Building -Gagan Arbor Court at S. No. 81 / 22,23 Mundhwa, Tal Haveli, Pune by Gagan Habitats LLP.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 90th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 174th meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8a building and construction project as per EIA Notification 2006.

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

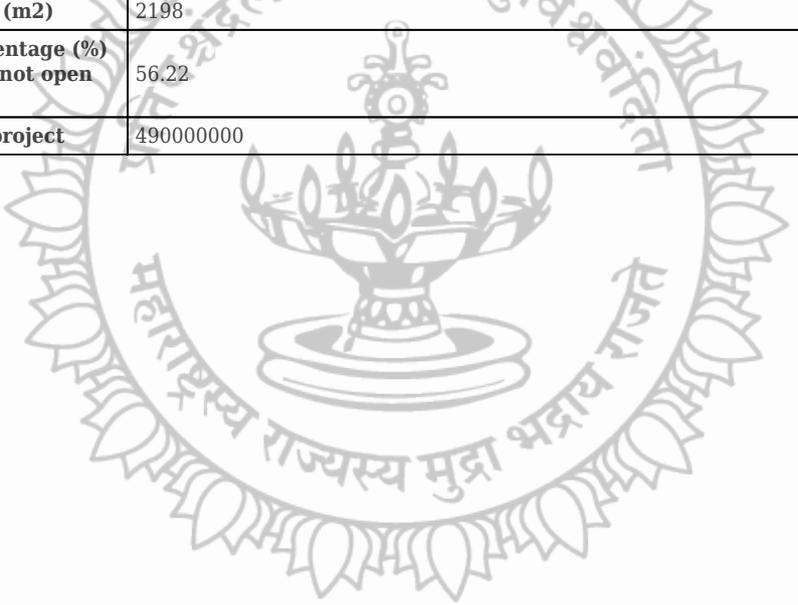
1.Name of Project	Proposed commercial Building -Gagan Arbor Court at S. No. 81 / 22,23 Mundhwa, Tal Haveli, Pune by Gagan Habitats LLP.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Garg
4.Name of Consultant	VK: e environmental
5.Type of project	New Commercial Development
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 81 / 22,23 Mundhwa
9.Taluka	Haveli
10.Village	Mundhwa
Correspondence Name:	Mr. Rahul Garg
Room Number:	4
Floor:	4th
Building Name:	Arth Vishwa
Road/Street Name:	Final Plot No. 353, Lane No. 5
Locality:	Koregaon Park
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation

SEIAA Meeting No: 174 Meeting Date: August 28, 2019 (SEIAA-STATEMENT-000003328)
SEIAA-MINUTES-000002439
SEIAA-EC-000002012

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Shri. Anil Diggikar (Member Secretary SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	Under Process
	IOD/IOA/Concession/Plan Approval Number: Under Process
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	5000 Sq.m
16.Deductions	1090.58 Sq.m
17.Net Plot area	3909.42 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 12067.79
	Non FSI area (sq. m.): 13577.92
	Total BUA area (sq. m.): 25645
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 11-04-2019
19.Total ground coverage (m2)	2198
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56.22
21.Estimated cost of the project	490000000



Government of Maharashtra

22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

23. Total Water Requirement

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	25
	Recycled water - Flushing (CMD):	24
	Recycled water - Gardening (CMD):	6
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	95 including AC cooling water 40 kld
	Fire fighting - Underground water tank(CMD):	2*100 kld
	Fire fighting - Overhead water tank(CMD):	20 kld
	Excess treated water	00
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	25
	Recycled water - Flushing (CMD):	24
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	89 including AC cooling water 40 kld
	Fire fighting - Underground water tank(CMD):	2*100 kld
	Fire fighting - Overhead water tank(CMD):	20 kld
	Excess treated water	00
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Around 15 m bgl.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	2
	Size of recharge pits :	4m*3.5m*4m
	Budgetary allocation (Capital cost) :	Rs. 14,00,000/-
	Budgetary allocation (O & M cost) :	Rs. 1,50,000/-
Details of UGT tanks if any :	<ul style="list-style-type: none"> • Fire tanks : 2*100 Kld • Raw water tank/Rainwater tank: 2*50 Kld. • Treated Water tank: 2* 35 Kld. 	

26.Storm water drainage	Natural water drainage pattern:	Proper storm water drainage system is proposed. Excess storm water will be discharged into existing municipal storm water drainage line
	Quantity of storm water:	96 m3/year
	Size of SWD:	450 mm

27.Sewage and Waste water	Sewage generation in KLD:	45
	STP technology:	MBBR
	Capacity of STP (CMD):	50
	Location & area of the STP:	On Ground, area 59 sq m
	Budgetary allocation (Capital cost):	Rs.22,50,000/-
	Budgetary allocation (O & M cost):	Rs.6,20,000/-

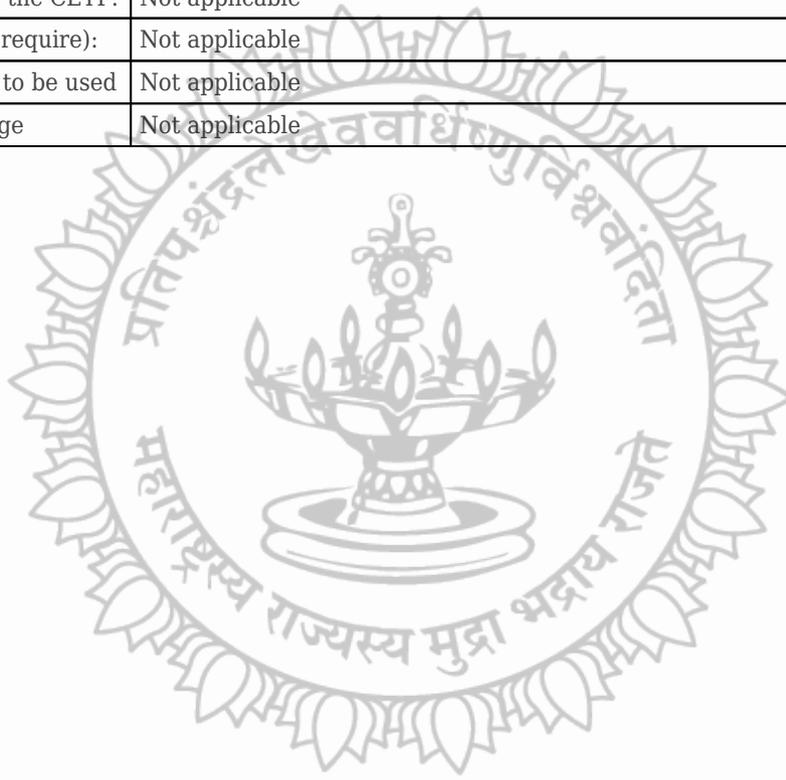
28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Dry waste (Kg/day): 8 kg/day Wet waste (Kg/day): 12 kg/day =Total waste generated: 20 kg/day
	Disposal of the construction waste debris:	The waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	259 kg/day
	Wet waste:	173 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	7.5 Kg/day
	Others if any:	e-Waste 4.7 kg/day
Mode of Disposal of waste:	Dry waste:	Will be handed over to SWaCH
	Wet waste:	Will be treated in onsite OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge will use as manure
	Others if any:	E-waste will be handed over to authorized recyclers
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	8
	Area for machinery:	24
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 11,25,000/-
	O & M cost:	Rs. 2,51,010/-

Government of Maharashtra

29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable						

31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

33. Source of Fuel: Not applicable

34. Mode of Transportation of fuel to site: Not applicable

35. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 kW
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	1850 Kw
	During Operation phase (Demand load):	960 kW
	Transformer:	2 *750 kVA
	DG set as Power back-up during operation phase:	2 *750 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

Total Energy Saving : i.e. (14.7% Savings) /year
 Energy saving due to solar :i.e. (4% Savings)

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
---------------	------------------------------	----------

1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	93.6 KWH
2	Bollard Lighter - Light Fitting For Landscape Area.	24 KWH
3	Recesses Wall Light. - Light Fitting For Landscape Area.	24 KWH
4	Solar Street Light Fitting - Pole Light On Road Side.	36 KWH
5	Street Light on the Bldg.	36 KWH

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30,00,000/-
	O & M cost:	Rs. 4,00,000/-

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	Rs. 3,50,000/-
2	Land	Labour Camp toilets & sanitation	Rs. 4,80,000/-
3	Health and Safety	Labour Safety Equipments and training	Rs. 4,00,000/-
4	Health and Safety facility	Disinfection and Health Check-ups	Rs. 51,000/-
5	Environment Management	Environmental Monitoring cell	Rs. 1,70,000/-
6	Environment	Environmental Monitoring	Rs. 1,85,600/-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	22.5	6.2
2	Solid Waste Management	1 OWC	11.25	2.51
3	Landscaping	Landscape Development	20	2
4	Energy Saving	Solar PV	30	4
5	Rain Water Harvesting	2 Pits	14	1.5
6	Environmental Monitoring	-	-	1.85
7	Lightning Arrester	Lightning Arrester	8.35	0.8

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available



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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a building and construction project
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Proposed project consists of commercial building having 43 offices and 12 shops.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 174th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
II	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.
III	SEIAA decided to grant EC for:FSI: 12067.79 m2, Non-FSI:13577.92 m2 and Total BUA:25645.71 m2 (Approval no-CDE/BP/1179/19, Date-16.04.2019)

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	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.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily imply that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	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.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	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.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

X	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.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling 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.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	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.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	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.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	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.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	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. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	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.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.

XXXIV	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 diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	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.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	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.
XL	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.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	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 in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage 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. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	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 and year-wise expenditure should reported to the MPCB & this department.
XLIX	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://ec.maharashtra.gov.in .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	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.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	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.

LIV

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.



Government of Maharashtra

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. 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.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. 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.

10. 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.


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER PUNE
10. MUNICIPAL COMMISSIONER SATARA
11. REGIONAL OFFICE MPCB PUNE
12. REGIONAL OFFICE MIDC PUNE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE PUNE
15. COLLECTOR OFFICE SATARA
16. COLLECTOR OFFICE SOLAPUR

ENCLOSURE NO. III

CONSENT TO ESTABLISH



MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024068
/24023516
Email : jdwater@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,
Sion- Matunga Scheme Road No. 8,
Opp. Cine Planet Cinema, Near Sion Circle,
Sion (E), Mumbai - 400022

Infrastructure /Orange/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-076866/CE/CC-1911000462

Date 13/11/2019

To,
M/s. Gagan Habitats LLP,
S. No. 81/22, 23, Mundhwa,
Tal: Haveli, Dist: Pune.

Sub: Consent to Establish for Construction of Commercial Development Projects granted under Orange Category.

Ref: 1. Your Application vide UAN No. -0000076866 Dated: 15/07/2019.
2. Minutes of 5th Consent Committee meeting held on 27/09/2019.

For: Consent to Establish for Construction of Commercial Development project under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) 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 is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 49.00 Cr.
(As per CA Certificate submitted by project proponent)

The Consent to Establish with is valid for construction of Commercial Development Project named as M/s. Gagan Habitats LLP, S. No. 81/22, 23, Mundhwa, Tal: Haveli, Dist: Pune, for total plot area of 5,000.00 Sqm and Proposed total construction built up area 25,645.00 Sqm including utilities and services as per Commencement Certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	45.00	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1.	DG Set	750 KVA	2	As Per Schedule -II
	DG Set	125 KVA	1	As Per Schedule -II



Maharashtra Pollution Control Board

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5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	173.00 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	259.00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	7.5 Kg/day	STP	Used as manure

6. Project proponent shall not take any effective steps towards implementation of projects prior to obtaining Environment Clearance.
7. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
11. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
12. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
13. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	75,000/-	QIDC7761454437	15/07/2019	Online

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune-I -- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 50.00 CMD
- B] The Applicant shall operate the effluent 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	Standards prescribed by Board
		Limiting Concentration in mg/l, except for PH
01	BOD (3 days 27°C)	10
02	Suspended Solids	20
03	COD	50
04	Residual chlorine	1 PPM

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

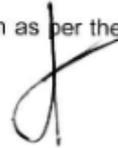
D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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 should 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

- 2) The industry should 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.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	49.00

- 4) 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 install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂
1.	DG Set (750 KVA)	Acoustic enclosure	5.48	HSD	0	Lit/Hr	--	--
2.	DG Set (750 KVA)	Acoustic enclosure	5.48	HSD	0	Lit/Hr	--	--
3.	DG Set (125 KVA)	Acoustic enclosure	2.24	HSD	0	Lit/Hr	--	--

* Above roof of the building in which it is installed.

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

Particulate matter	Not to exceed	150 mg/Nm ³ .
--------------------	---------------	--------------------------

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



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 lakh	15 Days	Towards Compliance of EC and consent conditions.	Up to Commissioning of the project	Up to Commissioning of the project

[Handwritten signature]



Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) 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.
- 2) 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 Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) 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.
- 4) 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.
- 5) 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) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) 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.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MOEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) 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.
- 8) The treated sewage shall be disinfected using suitable disinfection method
- 9) 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
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

PART D

Annexures

ANNEXURE NO. 1

SANITARY AND HYGIENE MEASURES

ANNEXURE 1

Sanitary and Hygiene Measures

- Toilets are provided to construction workers.
- Separate storage tanks for storage of domestic and Drinking water have been provided.
- Solid waste is being disposed daily to municipal collection system.
- Separate arrangements for workers for having lunch. 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.

ANNEXURE NO. 2

FACILITIES PROVIDED TO LABOUR HUTMENTS

ANNEXURE-2

FACILITIES PROVIDED TO LABOUR HUTMENTS

Project Name: 66 Avenue Project by M/s. R R Lunkad LLP

Site Address : Survey No-65/66, At Pimple Nilakh, Haveli, Pune.

Total Labour hutments: 120 nos.

Total No. of Labor : Peak : 130 Nos.
Average : 50 Nos.

Facilities provided:

1. We have provided 15 toilets for Labour Hutments.
2. Drinking Water facility has also been provided.
3. Water Tank for domestic purpose is provided. In addition, Water Tanker also comes daily for supplying water.
4. Electric bulbs and electricity has been provided.
5. Labour Hutments are isolated from construction activity area for safety purpose.

ANNEXURE NO. 3

AIR, NOISE, SOIL & WATER MONITORING REPORTS



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No – GESEC/PRO/DW/2023-24/05/899		Date of Reporting		13/05/2023
Sample ID - GESEC/PRO/DW/2023-24/05/899		Sample Details		Drinking Water
Name & Address of the Customer – Project Name- Gagan Arbor Court M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal- Haveli, Dist- Pune		Type of Sample		Water
		Volume Of Sample		2 Lit Plastic Can
		Sample Status		Sealed
		Sample Collected By		Nayansrushti Envirocare Pvt. Ltd
		Date of Sample Collection		05/05/2023
		Date of Sample received in lab		05/05/2023
		Analysis start Date		06/05/2023
		Analysis End Date		12/05/2023
WATER ANALYSIS REPORT				
Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
Physical Parameter				
Turbidity	<0.3	Max1	NTU	IS:3025(part10):2019
TDS	82.4	Max 500	mg/l	IS :3025(part 16):2017
Color	<5	Max 5	Hazen	IS:3025 (part 4):2021
Chemical Parameter				
pH	7.5	6.5 to 8.5	--	APHA 4500, 23 rd Edition:2017
Total Hardness	46.3	Max 200	mg/l	IS:3025 Part-21:2019
Total Alkalinity	37.5	Max 200	mg/l	IS:3025 Part-23:2019
Sulphate	1.1	Max 200	mg/l	IS:3025 Part-24:2019
Residual Chlorine	<0.1	Min 0.2	mg/l	IS:3025(part 26):2019
Chloride	12.6	Max 250	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	9.8	Max 75	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	2.4	Max 30	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
Elemental Analysis				
Iron as Fe	<0.1	Max 0.3	mg/l	IS:3025(part 2):2019
Microbiological Parameter				
Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	Absent	per/100ml	IS 1622:1981
Remark(s):				
➤ The above water sample is Comply with required limit as per IS 10500:2012.				



Vinod Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

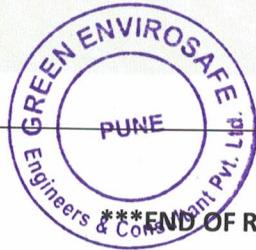
Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2023-24/05/900		Report Date	13.05.2023
Sample ID: -	GESEC/PRO/ANLM/2023-24/05/900			
Name & Address of the Customer	Project Name- Gagan Arbor Court M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal- Haveli, Dist- Pune			
Ambient Noise Sample Details				
Type	Ambient Noise			
Sampling done by	Nayansrushti Envirocare Pvt Ltd.			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
05.05.2023	05.05.2023	05.05.2023	12.05.2023	
Name Of Instrument	Digital Sound Level Meter	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/ME/266	Due Date of Calibration	16/10/2023	
Test Location	Unit	Average Noise Level Readings		MPCB Standards dB(A)
		Day	Night	
Near Main Gate	dB(A)	52.5	42.2	During Day time = 75 dB (A)
Near Project Site	dB(A)	55.3	41.5	
	dB(A)			During Night time= 70dB(A)
	dB(A)			
Remark-				
<ul style="list-style-type: none"> ➤ All above Noise level results are within Maharashtra Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB 				
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		



END OF REPORT

Terms and conditions

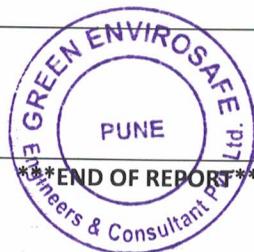
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- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/05/901	Report Date	13.05.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/05/901			
Name & Address of the Customer	Project Name- Gagan Arbor Court M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal- Haveli, Dist- Pune			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Main Gate	Nayansrushti Envirocare Pvt Ltd		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
8.45 am	4.45 pm	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	32	Wet Bulb Temperature °C	26	
Dry Bulb Temperature °C	30	Relative Humidity % RH	58 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
05.05.2023	05.05.2023	05.05.2023	12.05.2023	
Name of Instrument	High Volume Sampler	Date Of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1528	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.5
Nitrogen Dioxide (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	25.5
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	43.5
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	27.2
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition, 2013	µg/m ³	≤ 180	10.5
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition, 2013	µg/m ³	≤400	3.3
Carbon Monoxide (CO)	MASA-822 3rd Edition	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/M ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/M ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/M ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/M ³	1.00	BDL
Remark- All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

Terms and conditions

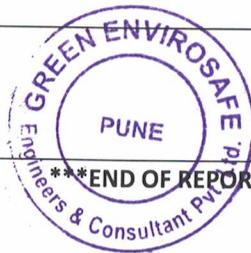
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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
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- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/05/902		Report Date	13.05.2022
Sample ID: -	GESEC/PRO/AAQM/2023-24/05/902			
Name & Address of the Customer	Project Name- Gagan Arbor Court M/s. Gagan Habitats LLP, Sr. No. 81/22, 23, Mundhwa, Tal- Haveli, Dist- Pune			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Project Site	Nayansrushti Envirocare Pvt Ltd		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
8.20 am	4.20 pm	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	32	Wet Bulb Temperature °C	26	
Dry Bulb Temperature °C	30	Relative Humidity % RH	58 %	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
05.05.2023	05.05.2023	05.05.2023	12.05.2023	
Name of Instrument	Respirable Dust Sampler	Date Of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1525	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.3
Nitrogen Dioxide (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	24.2
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	45.6
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	28.2
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	10.4
Ammonia (NH ₃) For 24 Hrs.	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	3.2
Carbon Monoxide (CO)	MASA-822 3rd Edition	µg/M ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/M ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/M ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/M ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/M ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/M ³	1.00	BDL
Remark- All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

END OF REPORT

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

ANNEXURE NO. 4

PAPER ADVERTISEMENT

१४

WWW.LOKSATTA.COM

पुणे, मंगळवार, २४ सप्टेंबर २०१९

SBIएन्टरप्राइज इंटरिग्रेशन सर्व्हिसेस विभाग, स्टेट बँक ग्लोबल आयटी केंद्र,
सेक्टर ११, सीबीडी बेलापूर, नवी मुंबई - ४०० ६१४.**प्रस्तावाची विनंती**भारतीय स्टेट बँकेने ईआयएस विभागासाठी 'अतिरिक्त झेडएफएस स्टोअरेज, एक्साडेटा
स्टोअरेज आणि डेटाबेस बँकअप सोल्यूशनच्या खरेदी, उभारणी, संचालन आणि
देखभालीसाठी' प्रस्तावाची विनंती (आरएफपी नं. एसबीआय/जीआयटीसी/ईआयएस/
२०१९-२०/६५० दिनांक: २०.०९.२०१९) जारी केली आहे. कृपया बँकेच्या
www.sbi.co.in किंवा bank.sbi साइटवर 'प्रोक्युरमेंट न्यूज' पहा.स्थान: नवी मुंबई
दिनांक: २४.०९.२०१९स्वाक्षरी
उप महाप्रबंधक (ईआयएस)**जाहिर सूचना**स. नं. ८९/२२,२३, मौजे मुंबवा, जि. पुणे, महाराष्ट्र या मिळकतीवरील
"गगन आर्बर कोर्ट" गगन हॅबिटॅट्स एलएलपी यांच्या या प्रकल्पाला
पर्यावरण विषयक मंजूरी देण्यात आली आहे. सदर पर्यावरण विषयक
मंजूरीची प्रत महाराष्ट्र प्रदुषण नियंत्रण मंडळ यांचे कार्यालयामध्ये तसेच
पर्यावरण विभाग महाराष्ट्र शासन यांच्या वेबसाइटवर
<http://envis.maharashtra.gov.in> उपलब्ध आहे.सही
गगन हॅबिटॅट्स एलएलपी**PUNE DISTRICT
BALANCE SHEET AS OF
29 OF THE BANK**

31/3/2018

Rs.	Ps.	CAPITAL & LIABILITIES
5,00,00,00,000.00		1) CAPITAL
		i) Authorised Capital
		5,00,000 Shares of
		Rs.10,000/- each
4,61,26,000.00		ii) Subscribed Capital
		a) Individuals
2,76,50,09,800.00		b) Co-operative
		Institutions
		c) State Government
1,66,22,59,382.34		2) RESERVE FUND AND
		OTHER RESERVES
		a) Statutory Reserve
1,21,78,74,897.00		b) Agricultural Credit
		Stabilisation Fund
		c) Dividend
3,27,50,000.00		Equalisation Fund
72,53,40,607.59		d) Building Fund
		e) Investment Fluctuation
11,34,17,659.07		Fund

FOR THE ATTENTION OF THE CREDITORS OF

(Sale of the Properties under Insolvency and Bankruptcy Code, 2016)

WEDNESDAY, SEPTEMBER 25, 2019

16

Registered Office: IFCI Tower, 61 Nehru Place
New Delhi-110019
Tel: 011-41732000 Fax: 011-26230029
Website: www.ifcilttd.com
E-mail: complianceofficer@ifcilttd.com
CIN:L74899DL1993GO1053677**NOTICE**Notice is hereby given that the following Share Certificate(s) have been reported as
lost/misplaced by the investor.

Folio No.	Name	Certificate No.	Distinctive No.	Shares
01554900	D B Pathasarathi	229334	231549109-231549208	100
		643998	273015509-273015608	100
		704432	279058909-279059008	100
		833668	291982509-291982608	100
		1054345	314050209-314050308	100

PUBLIC NOTICEThis is inform that the project known as "GAGAN
ARBOR COURT" by GAGAN HABITATS LLP address
S. No. 81/22, 23, Village MUNDHWA, Pune, has been
accorded Environmental Clearance and copies of the
clearance letter are available with the Maharashtra
Pollution Control Board and may also be seen on the
website of the environment department of Maharashtra
at <http://envis.maharashtra.gov.in>Sd/
GAGAN HABITATS LLP

MANIPAL MAIN

ANNEXURE NO. 5

PUC Certificates

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Aug/2021



Certificate Sl. No.: MH01201820001520
Registration No.: **MH12RN8241**
Chassis No.: MAT479189K3D11153
Engine No.: ISBE592304091D63783406
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 22070156000R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 16/Sep/2019
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 04/Aug/2020

DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115(2) of CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.42467

Time of Testing: 12:24:28
Fee Charged: Rs. 110.0
Fee Charged: 
(one hundred ten rupees only)

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD KATRAJ BYPASS ROAD, NEAR SAIRAJ PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2274.0	0.375	27.0
TEST 2	720.0	2274.0	0.544	27.0
TEST 3	731.0	2274.0	0.355	27.0
AVG	723.66667	2274.0	0.42467	27.0

This is a computer generated certificate and does not require signature

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Aug/2021



Certificate Sl. No.: MH01201820001518
Registration No.: **MH12RN8341**
Chassis No.: MAT479189K3E12720
Engine No.: ISBE592304091D63780808
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 22070156000R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 16/Sep/2019
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 04/Aug/2020

DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115(2) of CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.362

Time of Testing: 12:03:06
Fee Charged: Rs. 110.0
Fee Charged: 
(one hundred ten rupees only)

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD KATRAJ BYPASS ROAD, NEAR SAIRAJ PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2520.0	0.365	27.0
TEST 2	720.0	2514.0	0.375	27.0
TEST 3	720.0	2523.0	0.346	27.0
AVG	720.0	2519.0	0.362	27.0

This is a computer generated certificate and does not require signature

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Aug/2021



Certificate Sl. No.: MH01201820001517
Registration No.: **MH12RN8441**
Chassis No.: MAT479189K3D11154
Engine No.: ISBE592304091D63783403
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 22070156000R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 16/Sep/2019
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 04/Aug/2020

DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115(2) of CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.60834

Time of Testing: 11:21:57
Fee Charged: Rs. 110.0
Fee Charged: 
(one hundred ten rupees only)

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD KATRAJ BYPASS ROAD, NEAR SAIRAJ PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2514.0	0.58	27.0
TEST 2	720.0	2514.0	0.601	27.0
TEST 3	720.0	2514.0	0.644	27.0
AVG	720.0	2514.0	0.60834	27.0

This is a computer generated certificate and does not require signature

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001020
Registration No.: **MH12KP7141**
Chassis No.: MBYB10210EHA35308
Engine No.: 41H84176988
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 3118 TP BS III
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 15/Sep/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	0.765

Time of Testing: 16:20:06
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2634.0	0.544	27.0
TEST 2	720.0	2634.0	1.019	27.0
TEST 3	720.0	2634.0	0.732	27.0
AVG	720.0	2634.0	0.765	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

Certificate Sl. No.: MH01201820001018
Registration No.: **MH12KP7241**
Chassis No.: MBYB10210EHA35307
Engine No.: 41H84176998
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 3118 TP BS III
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 15/Sep/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020



DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	0.72601

Time of Testing: 16:08:27
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2754.0	0.598	27.0
TEST 2	720.0	2754.0	0.936	27.0
TEST 3	720.0	2754.0	0.644	27.0
AVG	720.0	2754.0	0.72601	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001028
Registration No.: **MH12KP7441**
Chassis No.: MBYBC0216EFA35133
Engine No.: 41E84164995
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 2518 HL CP CONCRETE
BOOM PUMP
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 12/Sep/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	0.58

Time of Testing: 17:54:58
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.551	27.0
TEST 2	720.0	2874.0	0.638	27.0
TEST 3	720.0	2874.0	0.551	27.0
AVG	720.0	2874.0	0.58	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001021
Registration No.: **MH12KP7541**
Chassis No.: MBYBC0216EFA34900
Engine No.: 41E84164382
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 2518 HL CP CONCRETE
BOOM PUMP
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 12/Sep/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	1.02867

Time of Testing: 16:24:28
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.819	27.0
TEST 2	720.0	2874.0	1.203	27.0
TEST 3	720.0	2874.0	1.064	27.0
AVG	720.0	2874.0	1.02867	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

Certificate Sl. No.: MH01201820001030
Registration No.: **MH12KP7641**
Chassis No.: MBYBC0216EFA34899
Engine No.: 41E84164101
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 2518 HL CP CONCRETE
BOOM PUMP
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 12/Sep/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020



DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	0.58334

Time of Testing: 18:04:15
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	840.0	2994.0	0.565	27.0
TEST 2	840.0	2994.0	0.576	27.0
TEST 3	840.0	2994.0	0.609	27.0
AVG	840.0	2994.0	0.58334	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 03/Sep/2020

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001029
Registration No.: **MH12KP8041**
Chassis No.: MBYBC0264EHA35327
Engine No.: 41H84176024
Class of Vehicle: Goods Carrier
Make: AMW Motors Limited
Model: 2518 TM6*4 CAB BSIII
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 09/Oct/2014
Emission Norms: BHARAT STAGE III
Fuel: DIESEL
Date of Testing: 04/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	2.45	1.21334

Time of Testing: 17:58:14
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2774.0	1.313	27.0
TEST 2	720.0	2754.0	1.101	27.0
TEST 3	720.0	2778.0	1.226	27.0
AVG	720.0	2768.66667	1.21334	27.0

This is a computer generated certificate and does not require signature
Fuel Norms entered by PUC center MH0120182 manually, Please visit RTO and correct norms

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001047
Registration No.: **MH12PQ5441**
Chassis No.: MAT448184HAP16659
Engine No.: 71K84424896
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 29/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.592

Time of Testing: 14:21:29
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.38	27.0
TEST 2	720.0	2874.0	0.781	27.0
TEST 3	720.0	2874.0	0.615	27.0
AVG	720.0	2874.0	0.592	27.0

This is a computer generated certificate and does not require signature

POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001037
Registration No.: **MH12PQ5541**
Chassis No.: MAT448184HAP16661
Engine No.: 71K84424868
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 31/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.71167

Time of Testing: 10:35:50
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2634.0	0.837	27.0
TEST 2	720.0	2634.0	0.673	27.0
TEST 3	720.0	2526.0	0.625	27.0
AVG	720.0	2598.0	0.71167	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001036
Registration No.: **MH12PQ5641**
Chassis No.: MAT448184HAP16663
Engine No.: 71L84433503
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 31/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.484

Time of Testing: 10:33:12
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2754.0	0.266	27.0
TEST 2	720.0	2754.0	0.455	27.0
TEST 3	720.0	2754.0	0.731	27.0
AVG	720.0	2754.0	0.484	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001048
Registration No.: **MH12PQ5741**
Chassis No.: MAT448184HAP16665
Engine No.: 71L84433500
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 12/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.93667

Time of Testing: 14:25:50
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.904	27.0
TEST 2	720.0	2874.0	1.002	27.0
TEST 3	720.0	2874.0	0.904	27.0
AVG	720.0	2874.0	0.93667	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

Certificate Sl. No.: MH01201820001049
Registration No.: **MH12PQ5941**
Chassis No.: MAT448184HAP16667
Engine No.: 71L84433507
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 25/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020



DIESEL DRIVEN VEHICLES
Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.792

Time of Testing: 14:30:18
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2896.0	0.786	27.0
TEST 2	720.0	2880.0	0.677	27.0
TEST 3	720.0	2928.0	0.913	27.0
AVG	720.0	2901.33334	0.792	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001050
Registration No.: **MH12PQ6041**
Chassis No.: MAT448184HAP16669
Engine No.: 71L84433497
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 29/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.20734

Time of Testing: 14:36:57
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	840.0	2896.0	0.167	27.0
TEST 2	840.0	2994.0	0.213	27.0
TEST 3	840.0	2962.0	0.242	27.0
AVG	840.0	2950.66667	0.20734	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001055
Registration No.: **MH12PQ6141**
Chassis No.: MAT448184HAP16670
Engine No.: 71M84436500
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 31/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	1.01334

Time of Testing: 15:03:08
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.852	27.0
TEST 2	720.0	2874.0	0.679	27.0
TEST 3	720.0	2874.0	1.509	27.0
AVG	720.0	2874.0	1.01334	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 115
CMV Rules 1989



Certificate Sl. No.: MH01201820001056
Registration No.: **MH12PQ6241**
Chassis No.: MAT448184HAP16671
Engine No.: 71M84436512
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 31/Jan/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.714

Time of Testing: 15:10:25
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	840.0	2994.0	0.764	27.0
TEST 2	840.0	2994.0	0.775	27.0
TEST 3	840.0	2994.0	0.603	27.0
AVG	840.0	2994.0	0.714	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 1
of CMV Rules 1989



Certificate Sl. No.: MH01201820001057
Registration No.: **MH12PQ6341**
Chassis No.: MAT448184H2P24341
Engine No.: ISBE5.91804071M63650831
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 15/Feb/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.76834

Time of Testing: 15:52:16
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	840.0	2994.0	0.864	27.0
TEST 2	840.0	2994.0	0.832	27.0
TEST 3	840.0	2994.0	0.609	27.0
AVG	840.0	2994.0	0.76834	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 11
of CMV Rules 1989



Certificate Sl. No.: MH01201820001058
Registration No.: **MH12PQ6441**
Chassis No.: MAT448184H2P24351
Engine No.: ISBE5.91804071M63650836
Class of Vehicle: Goods Carrier
Make: TATA MOTORS LTD
Model: 50078738300R
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 15/Feb/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	1.33301

Time of Testing: 15:56:34
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	720.0	2874.0	0.811	27.0
TEST 2	720.0	2874.0	1.212	27.0
TEST 3	720.0	2874.0	1.976	27.0
AVG	720.0	2874.0	1.33301	27.0

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POLLUTION UNDER CONTROL CERTIFICATE
Issued By: PUNE
Authorised by Motor Vehicles Department, Maharashtra



TEST RESULT : PASS
VALID TILL: 04/Mar/2021

DIESEL DRIVEN VEHICLES

Certified that the vehicle conforms to the standards prescribed under rule 11
of CMV Rules 1989



Certificate Sl. No.: MH01201820001051
Registration No.: **MH12QG1441**
Chassis No.: MB1AXGCD4JRHV9816
Engine No.: JHEZ200629
Class of Vehicle: Goods Carrier
Make: ASHOK LEYLAND LTD
Model: VFT00845A
Vehicle Category: HEAVY GOODS VEHICLE
Date of Registration: 12/Apr/2018
Emission Norms: BHARAT STAGE IV
Fuel: DIESEL
Date of Testing: 05/Mar/2020

FUEL	Light Absorption Coefficient (Permissible Limit)	Measured Value
DIESEL	1.62	0.73301

Time of Testing: 14:40:34
Fee Charged: Rs.110.0

Auto Emission Testing Centre Code: MH0120182
Testing Centre Name: INDELIBLE SERVICES
Centre Address: SURVAY NO 311/3, SASWAD
KATRAJ BYPASS ROAD, NEAR SAIRAJ
PETROLEUM, URULI DEVACHI, 412308
Test Conducted By: SHUBHANGI INGALE



TEST RESULT FOR DIESEL VEHICLE

	IDLE RPM	MAX RPM	K_VALUE	OIL TEMP
TEST 1	840.0	2900.0	0.797	27.0
TEST 2	840.0	2994.0	0.686	27.0
TEST 3	840.0	2994.0	0.716	27.0
AVG	840.0	2962.66667	0.73301	27.0

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ANNEXURE NO. 6

CER Report Acknowledgement



GAGAN
DEVELOPERS
CREATING EXPERIENCES

GAGAN HABITATS LLP

Date : 14/05/2019

To
Collector,
Pune District,
Pune

Subject: - Inward letter / Report for Corporate Environment Responsibility for the project "Gagan Arbor Court" proposed commercial development at S.no.81/22,81/23, Village Mundhwa, Tal. Pune Shahar, Dist. Pune, Maharashtra. By M/s.Gagan Habitats LLP.

Ref- As per the circular issued by Ministry of Environment, Forest and Climate Change (MoEFCC) dated May 01, 2018 and subsequent circular of June 22, 2018 on Corporate Environment Responsibility.

Respected Sir / Madam

You are requested to accept the same.

Thanks & Kind Regards

Mr. Rahul Sureshchand Garg

Gagan Habitats LLP

14/05/19
अयक / अयक लिडीक
जिल्लाधिकारी कार्यालय, पुणे.

www.gagandevolvers.com

3rd Floor Marvel Alaina Lane no. 5 Koregaon Park Pune 411001 India

T: +91 20 26153031 | E: info@gagandevolvers.com

ANNEXURE NO. 7

Landscape Layout

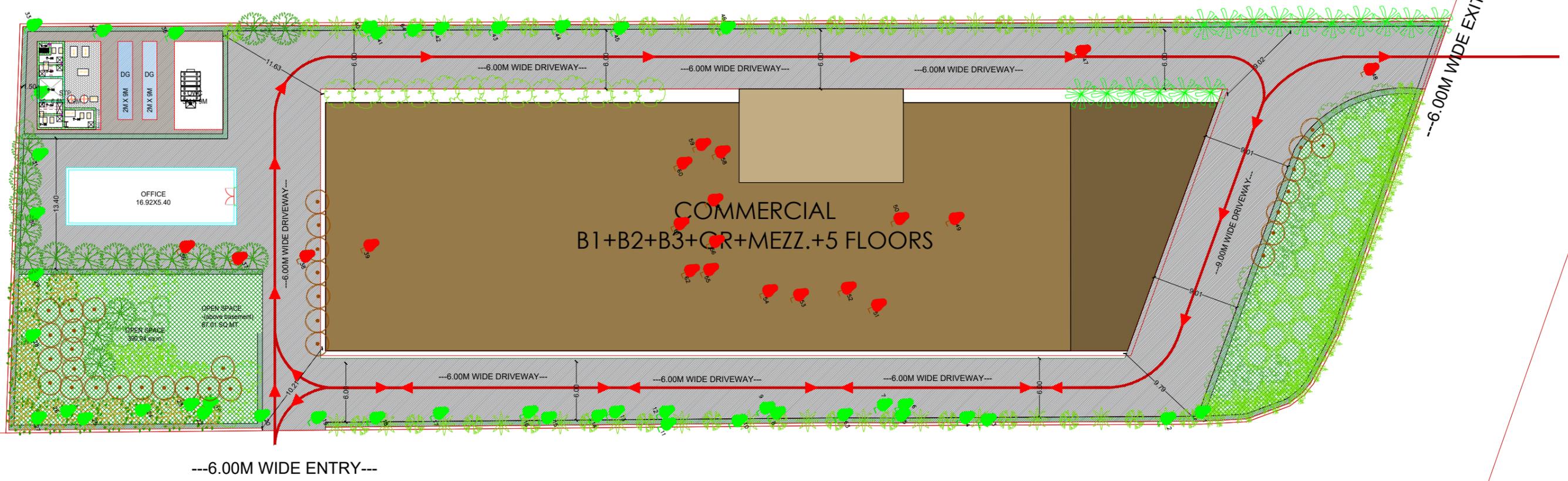
LANDSCAPE LAYOUT

TREES TO BE PLANTED				
SR.NO.	BOTANICALNAME	COMMON NAME	SYMBOL	QTY
1	POLYALTHIA LONGIFOLIA	ASHOKA		13
2	AZADIRACHTA INDICA	NEEM		12
3	MANGIFERA INDICA	MANGO		15
4	PONGAMIA	KARANJ		16
5	ALBIZIA LEBBECK	SHIRISH		30
6	CARYOTA URENS	FISHTAIL PALM		30
7	FICUS BENJAMINA	WEEPING FIG		43
8	ACRUS SAPOTA	CHICKOO		24
9	PSIDIUM GUJAVA	PERU		10
10	SYZYGIUM CUMINI	JAMBHUL		25
11	ARECA CATECHU	SUPARI		26
TOTAL				244

Area Statement		Sq.M
Total plot area		5000.00
Net plot area after deduction		3909.42
Required no. of trees 1 tree per 80 sq.m. of net plot area		49
Existing trees		64
Trees to be cut		20
Hence complimentary trees to be planted rule 1:10		200
Total Required no. of Trees [(64-20)+200]		244
10% of gross plot area (open space)		390.94
Other landscape Area		300

EXISTING TREE LIST				
TREE.NO.	BOTANICAL NAME	COMMON NAME	SYMBOL	QTY
NO. 1,4,5,12,13,15,17,18,19,20,22,23,25,27,63	VACHELLIA NILOTICA	AUSTRALIAN BABHUL		15
NO. 2,3,11,14,26	ACACIA NILOTICA	KATERI BABHUL		5
NO. 6,10,56	ALSTONIA SCHOLARIS	SAPTAPARNI		3
NO. 7,9,28-31,33-35,41,42,44-46,52,53,62	PLUMERIA	WHITE CHAFA		17
NO. 8,32,43,59,60,61	PLUMERIA RUBRA	RED CHAFA		6
NO. 16,21,24	AZADIRACHTA INDICA	KADU NIMB		3
NO. 40,48,64	LEUCAENA LEUCOCEPHALA	SUBABHUL		3
NO. 36,39	FICUS BENJAMINA	FICUS		2
NO. 37,38,51,54	BAMBUSOIDEAE	GREEN BAMBOO		4
NO. 58	BAMBUSA VULGARIS	YELLOW BAMBOO		1
NO. 47	PITHECELLOBIUM DULCE	VILAYTI CHINCH		1
NO. 55,57	HYOPHORBE LAGENICAILIS	BOTTLE GREEN		2
NO. 49	FICUS RACEMOSA	UMBAR		1
NO. 50	SPATHODEA CAMPANULATA	SPATHORDIYA		1
TOTAL				64

TREES TO BE CUT			
TREE.NO.	COMMON NAME	SYMBOL	QTY
NO. 36,39	FICUS		2
NO. 37,38,51,54	GREEN BAMBOO		4
NO. 47	VILAYTI CHINCH		1
NO. 48	SUBABHUL		1
NO. 49	UMBAR		1
NO. 50	SPATHORDIYA		1
NO. 52,53,62	WHITE CHAFA		3
NO. 55,57	BOTTLE GREEN		2
NO. 56	SAPTAPARNI		1
NO. 58	YELLOW BAMBOO		1
NO. 59,60,61	RED CHAFA		3
TOTAL			20



GAGAN ARBOR COURT
 BY
 GAGAN HABITATS LLP.
 AT SURVEY NO. 81, MUNDHWA, PUNE, MAHARASHTRA