



AMBIKA REALCON DEVELOPERS PRIVATE LIMITED

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(CIN No. : U70109DL2018PTC332737)

Date:29.05.2025

To
The Additional Director,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Bays Nos. 24-25, Sector 31 A,
Dakshin Marg,
Chandigarh – 160030
(Mail Ids: ecompliance-nro@gov.in and ronz.chd-mef@nic.in).

Subject: Submission of Six Monthly Compliance Report for period ending 31.03.2025 for the Residential project “Ambika Homes (LA Parisian)” located at Site No. 2, IT City, Sector 66-beta, S.A.S. Nagar (Mohali), Punjab.

Sir,

With reference to the EIA Notification & its amendments for six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 31.03.2025 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Sincerely,

For M/s. Ambika Realcon Developers Pvt. Ltd.


(Authorized Signatory)

CC to: Member Secretary, SEIAA Punjab, Ministry of Environment, Forest and Climate Change GoI, PBTI Complex, Knowledge City, Sector 81, Distt. SAS Nagar (Mohali), Punjab (Uploaded on Parivesh Portal).

2025

SIX MONTHLY COMPLIANCE REPORT (Period ending 31.03.2025)

For

“AMBIKA HOMES (LA PARISIAN)”
Site No. 2, IT City, Sector 66-Beta, District SAS Nagar
(Mohali), Punjab.

Project by:

**M/s. AMBIKA REALCON DEVELOPERS
PVT. LTD.**

SCO 18-19, First Floor, Sector 9-D, Madhya Marg,
Chandigarh -160009

Prepared by:



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Limited**

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Ministry of Environment, Forest and Climate Change
Northern Regional Office,

Chandigarh-160030

DATA SHEET

1.	Project Type	“Group Housing Project” 8(a) Building & Construction Project
2.	Name of the Project	“Ambika Homes (La-Parisian)”
3.	Clearance letter (s)/O.M No. & dates	Environmental Clearance (EC) has been granted to the project under the name of M/s Ambika Realcon Pvt. Ltd. by SEIAA, Punjab vide Letter No. SEIAA/688 dated 24.05.2018; copy of EC letter is attached along as Annexure- 1(a) . Transfer of Environmental Clearance letter to the name of M/s Ambika Realcon Developers Pvt. Ltd. has been granted by SEIAA, Punjab vide Letter No. SEIAA/2018/1493 dated 03.12.2018; Copy of the same is attached along as Annexure -1(b) .
4.	Location	Site No. 2, IT City, Sector 66-Beta
	a) District (s)	SAS Nagar (Mohali)
	b) State (s)	Punjab
	c) Latitudes/ Longitudes	-
5.	Address for correspondence	Mr. Harsh Bhargav M/s Ambika Realcon Developers Pvt. Ltd., SCO 18-19, First Floor, Sector 9-D, Madhya Marg, Chandigarh -160009.
6.	Salient features	
	a) of the project	As per Environmental Clearance, total plot area of the project is 28,044.71 sq.m (or 6.93 acres) and total built up area of the project is 1,23,346.811 sq.m. The project consists of 8 residential towers involving 604 dwelling units.
	b) of the environmental management plans	As per the revised approved layout plan, the total water requirement for the project will be 591 KLD and total wastewater generation from the project will be 473 KLD which will be treated in the STP of GMADA. Approximate 1,216 kg/day of solid waste will be generated from the project. This will be managed as per the Solid Waste Management Rules, 2016. The total power requirement will be 7,500 KVA from PSPCL.
7.	Break-up of the project area	
	a) Submergence area: Forest and Non-forest	Not applicable

	b) Others	Not applicable
8.	Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not applicable
	a) SC/ST/Adivasis	Not applicable
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)	Not applicable
9.	Financial details:	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	Original planned cost- Rs. 225.67 Crores as per EC letter. (2018) Revised Estimated cost- Rs. 244.76 Crores (2021). Revised Cost: Rs 276.38 (2024)
	b) Allocations made for environmental management plans with item wise and year wise break up.	During construction phase, Rs. 181 lakhs will be incurred for implementation of EMP and Rs. 4.5 lakhs/annum will be incurred on account of recurring charges. During operation phase, Rs. 8 lakhs/annum will be incurred as recurring charges.
	c) Benefit cost ratio/internal rate of return and the year of assessment	Will be calculated and submitted separately.
	d) Whether (c) includes the cost of environmental management as shown in b) above.	Yes
	e) Actual expenditure incurred on the project so far.	Approx. Rs 279.86 Crores has been spent on the project till 31.03.2025
	f) Actual expenditure incurred on the environmental management plans so far.	Approx. Rs 163.81 Lakhs has been spent on the Environmental Management Plan till 31.03.2025.
10.	Forest land requirement:	No forest land is involved/required in the project.
	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable.
	b) the status of clear felling, if any	Not Applicable.
	c) the status of compensatory afforestation, if any.	Not Applicable.

	d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far.	Not Applicable.
11.	The status of clear felling in non-forest areas (<i>such as submergence area of reservoir, approach road</i>) if any, with quantitative information.	Not applicable
12.	Status of construction:	Construction work has been completed.
	a) Date of commencement (actual and/or planned)	Actual date of commencement- June, 2018.
	b) Date of completion (actual and/or planned)	Tentative Date of Completion- March, 2026.
13.	Reasons for the delay, if the project is yet to start	Not applicable

**Compliance report of conditions imposed in Environmental Clearance of “Ambika Homes”
for period ending 31.03.2025**

PART-A – SPECIFIC CONDITIONS:

I. Pre-Construction Phase

SI. No.	Compliance Required	Reply
1.	“Consent to establish” shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority before the start of any construction work at site.	“Consent to establish” (CTE) has already been obtained and submitted from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974.
2.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	All required sanitary and hygienic measures were maintained at the construction site.
3.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightning.	Structural safety certificate and Fire NOC have already been obtained and is attached as Annexure-5 and Annexure-6 .
4.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	All necessary facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc were provided for construction laborers.

II. Construction Phase: Construction has been completed.

SI. No.	Compliance Required	Reply
1.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Top soil excavated during construction activities was used for landscaping within the project premises to the maximum possible extent.
2.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the	Minimum muck was generated from construction activities. However, Dust suppression measures were implemented such as water spraying measures to minimize the impact on the environment. Tarpaulin sheet covers were provided on

	provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic/ tarpaulin sheet covers for trucks bringing in sand & material at the site.	construction materials and on top of the trucks carrying raw materials.
3.	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.	There was no hazardous material on the project site as it is a residential project. However, construction spoils were kept at a minimum level to avoid polluting ground water resources.
4.	Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air emission standards.	The vehicles were monitored on regular intervals for pollution levels during the construction phase and are well maintained.
5.	The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.	Only treated wastewater was used for construction activities. Proper record of from STP has been maintained and is attached as Annexure-16 .
6.	Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.	PPC cement which is constituted with fly ash was used for construction purpose.
7.	Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.	RMC, curing agents was used as well as other best practices were followed during construction work for reducing water requirement.
8.	Adequate treatment facility for drinking water shall be provided, if required.	Clean drinking water was provided at the construction site for workers.
9.	The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc.	Electromagnetic flow meters at the outlet of the water supply, GMADA connection, irrigation supply, inlet, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc. has been installed. Photographs of flow meter is attached as Annexure 2 .
10.	The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows: Fresh water: Blue Untreated wastewater: Black Treated wastewater: Green (for reuse) Treated wastewater: Yellow (for discharge)	Dual plumbing system for reuse of treated wastewater for flushing has been provided and also color coding system is being done.

	Storm water : Orange	
11.	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.	Low-flow fixtures is provided to reduce water consumption.
12.	Separation of drinking water supply and treated sewage supply should be done by the use of different colors.	Pipelines of different colors are being provided separately for drinking water supply and treated sewage supply.
13.	<p>(a) Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code and National Building Code, 2005 on Energy conservation.</p> <p>(b) Solar power plant by utilizing atleast 30% of the open roof top area in the premises shall be installed for utilizing maximum solar energy. Also, solar lights shall be provided as proposed for illumination of common areas instead of CFL lights or any other conventional light/bulbs.</p>	<p>Energy Conservation Building Code (ECBC) and National Building Code (NBC) is being followed to conserve the energy.</p> <p>The same is being complied. Solar panels on nine towers has been installed for capacity 126 KW i.e. 14 KW per tower.</p>
14.	The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.	Silent DG sets were used during construction phase and conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
15.	Chute system, separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical composter (with a minimum capacity of 0.3 kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.	Separate wet & dry bins have been provided for segregation of waste and appropriate solid waste management is being carried out. Composter of 250 kg has been installed. Photographs of the same is attached as Annexure-2 .
16.	A rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5,000 sq.m of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.	Agreed. Total 7 no. of Rain Water Harvesting pits have been constructed in the project premises.
17.	The project proponent should fence the storage tank properly and in addition to this, the boundary wall shall be constructed at last stage or atleast 2 feet high opening in the boundary wall be provided at ground level to	Noted. The same has been complied.

	allow adequate passage to the surface run off during construction phase.	
18.	Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/ variety. A minimum of one tree for every 80 sq.m of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance	Landscaping and the plantation of 1,040 trees have been incorporated into the project as per the proposal. Photographs of the green areas and tree plantations are provided in Annexure-2 .

III- OPERATION PHASE AND ENTIRE LIFE

Sl. No.	Compliance Required	Reply																
1	“Consent to Operate” shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority at the time of start of operation.	Noted. The Consent to Operate (CTO) has been obtained periodically in full compliance with the applicable regulatory framework. Furthermore, the CTO will be obtained from the Punjab Pollution Control Board following the grant of the Environmental Clearance (EC) amendment by the competent authority.																
2	The total water requirement for the project will be 669 KLD KL/day, out of which 477 KLD (fresh water) shall be met through GMADA Supply and remaining 192, KLD through recycling of treated wastewater.	Noted. Same is being complied.																
3	<p>a) The total wastewater generation from the project will be 498 KL/day, which will be treated in a STP installed by GMADA. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as below:</p> <table border="1"> <thead> <tr> <th>Season</th> <th>Reuse for flushing (KLD)</th> <th>For irrigation purposes (KLD) in an area on 9240.64 sq.m</th> <th>Discharge into sewer (KLD)</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>141</td> <td>51</td> <td>306</td> </tr> <tr> <td>Winter</td> <td>141</td> <td>17</td> <td>340</td> </tr> <tr> <td>Rainy</td> <td>141</td> <td>05</td> <td>352</td> </tr> </tbody> </table>	Season	Reuse for flushing (KLD)	For irrigation purposes (KLD) in an area on 9240.64 sq.m	Discharge into sewer (KLD)	Summer	141	51	306	Winter	141	17	340	Rainy	141	05	352	The domestic wastewater is being treated in STP and after treatment is being utilized for flushing purpose, for irrigation purpose and only surplus treated wastewater is being discharged into GMADA sewer. Photographs showing meter placed at the outlet for landscaping, GMADA connection as well as STP inlet and outlet meter is shown in Annexure-2 . Two storage tanks each with a capacity of 70,000 liters, are designated for flushing use, while another storage tank with a capacity of 1,25,000 liters is allocated for irrigation.
Season	Reuse for flushing (KLD)	For irrigation purposes (KLD) in an area on 9240.64 sq.m	Discharge into sewer (KLD)															
Summer	141	51	306															
Winter	141	17	340															
Rainy	141	05	352															

	b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes. Only, the surplus treated wastewater shall be discharged into sewer after maintaining the proper record.	Additionally, there are 9 overhead tanks, one in each of the nine residential towers, with a capacity of 9000 liters each, totaling 81,000 liters for flushing purposes.
4	The project proponent shall ensure safe drinking water supply to the habitants.	Noted. Clean drinking water was provided to the construction workers.
5	The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.	Noted.
6	A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.	Noted. Proper record for the groundwater abstraction, water consumption, its reuse, disposal, etc. is being maintained on regular basis. Proper record of groundwater abstraction as well as treated water is attached as Annexure-15 and 16.
7	Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines.	Noted. Same is being complied.
8	The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection center & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection center of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.	Noted. The solid waste is being managed as per the Solid Waste Management Rules, 2016. All necessary facilities are being provided for collection, segregation, handling, on site storage & processing of solid waste such as wet & dry bins, collection center & mechanical composter etc. A separate area has been earmarked for segregation of solid waste. Also, a proper record in this regard is being maintained.
9	Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Noted. Same has been complied. Being a residential project, only hazardous waste in the form of used oil which is disposed off as per the PPCB norms.
10	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.	Adequate space for parking has been provided within project, so there cannot be any traffic congestion within the project. Photographs showing the same are enclosed as Annexure 2.
11	The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Noted. Same is being complied. Partial completion certificates as well as occupancy certificates has been obtained and copy of same is attached as Annexure-7 and 8.

12	The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.	Adequate green belt has been developed within premises. Photographs showing the green area developed is attached along as Annexure 2.
13	Solar power plant and other solar energy related equipment's shall be operated and maintained properly.	Noted. Same is being complied. Solar panels on nine towers has been installed of 126 KW capacity i.e. 14 KW per tower each.
14	A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, and lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months' time.	Noted. Report on the energy conservation measures conforming to energy conservation norms has been prepared. Copy of same is attached as Annexure-4.

PART B – GENERAL CONDITIONS:

I. PRE-CONSTRUCTION PHASE

Sl. No.	Compliance Required	Reply
1.	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	Environmental Clearance has been granted to the name of M/s. Ambika Realcon Pvt. Ltd. by SEIAA, Punjab vide Letter No. SEIAA/688 dated 24.05.2018; copy of the same is attached along as Annexure 1(a). Transfer of Environment Clearance letter to the name of M/s Ambika Realcon Developers Pvt. Ltd. has been granted by SEIAA, Punjab vide Letter No. SEIAA/2018/1493 dated 03.12.2018; copy of the same is attached along as Annexure 1(b). It is valid till 23.05.2028 as per EIA Notification and its amendments.
2.	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.	Copy of the advertisement published in the newspaper in two local languages. Copy of the same is attached as Annexure-14.

3.	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.	Water requirement is met through GMADA Supply. NOC from GMADA has already been obtained; copy of same is attached along as Annexure 3 .
4.	The project proponent shall obtain CLU from the competent authority if applicable.	CLU is not applicable, as GMADA has allotted land for development of group housing project. Copy of allotment letter is attached as Annexure 9 .
5.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body 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.	Same has already been complied. EC letter has been submitted to all respective departments. EC Letter has been uploaded on the website of the company and screenshot of the same is attached as Annexure-10 .

II. CONSTRUCTION PHASE

SI. No.	Condition	Reply
1.	The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs. 181 Lacs towards capital investment, Rs. 5.5 Lacs towards recurring including monitoring expenditure and Rs. 50 Lacs towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.	We are complying the same. Adequate amount is being spent on EMP as well as for CSR activities as per the commitments made in the proposal. Till 31.03.2025, approx. Rs 163.81 Lakhs has been spent on the Environmental Management Plan (EMP) and approx. Rs. 2,08,227/- has been spent on CSR activities till 31.03.2025.

III. OPERATION PHASE AND ENTIRE LIFE

SI. No.	Condition	Reply
1	A) The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs. 8 Lacs towards recurring including monitoring expenditure as proposed in the EMP.	Noted. We are complying the same. Approx. Rs 163.81 Lakhs has been spent on the Environmental Management Plan (EMP) and approx. Rs. 2,08,227/- has been spent on CSR activities till 31.03.2025.

	<p>B) The project proponent shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs. 50 Lacs towards following CSR activities:</p> <p>a) An amount of Rs. 25 Lac will be deposited in Environment Protection Fund created by Punjab Pollution Control Board under Environmental Social Responsibility.</p> <p>b. Remaining amount of Rs. 25 Lac will be spent as under:-</p> <p>i) Sanitation- Proper sanitation especially for Girls shall be provided in nearby government schools.</p> <p>ii) Solar lighting- Some Solar lights shall be provided in nearby government schools.</p> <p>iii) Plantation- Some plantation shall be done in surrounding area for clean environment.</p>	
2	<p>The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken up to 3 m above the building.</p>	<p>Noted. DG Sets of capacity 1000 kVA and 500 kVA has been provided in the project. DG sets provided conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986</p>

PART-C – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:

SI. No.	Condition	Reply
1.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal against this environmental clearance was there within the 30 days of grant of EC.
2.	A first aid room will be provided in the project both during construction and operation phase of the project.	First aid facility has already been provided within project premises. Photographs showing the same is attached as Annexure-2 .
3.	Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc. earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.	Noted. Construction has been done as per the approved layout plan only. No changes will be done without permission. The layout plan has been approved by GMADA with minor changes and the total built up area has been reduced. Accordingly, EC Amendment is under process and will be obtained.
4.	The environmental safeguards contained in the application of the promoter/ mentioned during the	The environmental safeguards are being implemented in true letter and Spirit.

	presentation before State Level Environment Impact Assessment Authority/ State Expert Appraisal Committee should be implemented in letter and spirit.	
5.	Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines and all the mitigation measures should be taken to bring down the levels within the prescribed standards.	Monitoring of ambient air quality and noise level is being done after every six months to identify any environmental pollution load. Test reports showing the results of ambient air quality, ambient noise levels, soil and water quality and is attached along as Annexure 11 .
6.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.	Agreed. All the necessary approvals have been obtained as per requirement. Copy of approval from Civil Aviation Department is attached along as Annexure 12 . Structural safety certificate and Fire NOC have already been obtained and is attached as Annexure-5 and Annexure-6 .
7.	The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.	Noted. If any additional safeguards are proposed, we assure to comply with the same.
8.	A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.	Compliance report of all the conditions imposed in environmental clearance is being maintained and same is available at site all the time.
9.	The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1 st June and 1 st December of each calendar year.	Six monthly compliance reports of the stipulated EC conditions including results of monitored data are being submitted on regular basis to the respective offices as well as same is being uploaded on the MoEF&CC portal also. Screenshot of earlier submitted compliance is attached as Annexure 13 .
10.	Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should	Noted. Full cooperation, facilities and documents/ data is being given to the respective authority by the project proponent. Same will be complied in future also

	be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.	
11.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.	The layout plan has been recently approved by GMADA with minor changes and the total built up area has been reduced to Accordingly, EC amendment is under process and will be obtained.
12.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ Petition (Civil) no. 460 of 2004 as may be applicable to this project and decisions of any competent Court, to the extent applicable.	Noted.
13.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The same has been duly complied with. The status of compliance with the stipulated Environmental Clearance (EC) conditions, including monitored data results is uploaded on the company's website and is updated periodically. A screenshot is attached as Annexure-10 . Regular six-monthly compliance reports, including the results of monitored data, are being submitted consistently to the respective authorities. A screenshot of a previously submitted compliance report is provided as Annexure-13 . Additionally, a display board has been installed near the main gate. A photograph of the display board is attached as Annexure-2 .
14.	The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces.	Noted. The inlet and outlet point of natural drain system is maintained with adequate size of channel for ensuring unrestricted flow of water.
15.	Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.	Environmental Management Cell (EMC) has already been formed to look after the Environmental aspects of the project during the operational phase. Names of person involved in Environmental Management Cell (EMC) is Mr. Harsh Bhargav and Mr. R.K Aggarwal.
16.	The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.	Adequate Plantation/green belt has been provided as per the SEIAA guidelines and as per notification by MoEF&CC, New Delhi.



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
PUNJAB**

Ministry of Environment and Forests, Government of India
O/O Punjab Pollution Control Board,
VatavaranBhawan, Nabha Road,
Patiala – 147 001
Telefax:- 0175-2215636

No. SEIAA/688

REGISTERED

Date: 24.05.2018

To

M/s. Ambika Realcon Pvt. Ltd.
SCO 64-65, 2nd floor, Sector-17A ,
Chandigarh-160009

Subject: Environmental clearance under EIA notification dated 14.09.2006 for establishment of a group housing project namely "Ambika Homes" located at Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab by M/s. Ambika Realcon Pvt. Ltd. (Proposal no SIA/PB/NCP/73356/2018)

This has reference to your online Proposal No. SIA/PB/NCP/73356/2018 submitted to the SEIAA for grant of Environmental Clearance for the above project under EIA notification dated 14.09.2006. The proposal has been appraised as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, 1-A, conceptual plan and the additional clarifications furnished in response to the observations of the SEAC.

Brief details of the project

1.	Category/Item No. (in schedule)	8(a): Group Housing project
2.	Name and Location of the project	AMBIKA HOMES, Site No.-2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab
3.	Cost of the project	Rs. 225.67 Crores

4.	Total Plot area, Built-up Area and Green area	<p>The details of the area development project is as under:</p> <table border="1" data-bbox="778 353 1362 1106"> <thead> <tr> <th data-bbox="778 353 882 409">S. No.</th> <th data-bbox="882 353 1114 409">Description</th> <th data-bbox="1114 353 1362 409">Details</th> </tr> </thead> <tbody> <tr> <td data-bbox="778 409 882 495">1.</td> <td data-bbox="882 409 1114 495">Plot area</td> <td data-bbox="1114 409 1362 495">28,044.71 sq.m. (or 6.93 acres)</td> </tr> <tr> <td data-bbox="778 495 882 607">2.</td> <td data-bbox="882 495 1114 607">Built-up area</td> <td data-bbox="1114 495 1362 607">1,23,346.811 sq.m.</td> </tr> <tr> <td data-bbox="778 607 882 685">3.</td> <td data-bbox="882 607 1114 685">Residential complex</td> <td data-bbox="1114 607 1362 685">8 towers</td> </tr> <tr> <td data-bbox="778 685 882 730">4.</td> <td data-bbox="882 685 1114 730">Residential D.U.</td> <td data-bbox="1114 685 1362 730">604 D.U.</td> </tr> <tr> <td data-bbox="778 730 882 797">5.</td> <td data-bbox="882 730 1114 797">Total Water requirement</td> <td data-bbox="1114 730 1362 797">618 KLD</td> </tr> <tr> <td data-bbox="778 797 882 875">6.</td> <td data-bbox="882 797 1114 875">Total Wastewater</td> <td data-bbox="1114 797 1362 875">498 KLD</td> </tr> <tr> <td data-bbox="778 875 882 954">7.</td> <td data-bbox="882 875 1114 954">Solid waste Generated</td> <td data-bbox="1114 875 1362 954">1268 kg/day</td> </tr> <tr> <td data-bbox="778 954 882 1021">8.</td> <td data-bbox="882 954 1114 1021">Rain water Recharging Pits</td> <td data-bbox="1114 954 1362 1021">2 Pits</td> </tr> <tr> <td data-bbox="778 1021 882 1106">9.</td> <td data-bbox="882 1021 1114 1106">Parking Proposed</td> <td data-bbox="1114 1021 1362 1106">1039 ECS</td> </tr> </tbody> </table>	S. No.	Description	Details	1.	Plot area	28,044.71 sq.m. (or 6.93 acres)	2.	Built-up area	1,23,346.811 sq.m.	3.	Residential complex	8 towers	4.	Residential D.U.	604 D.U.	5.	Total Water requirement	618 KLD	6.	Total Wastewater	498 KLD	7.	Solid waste Generated	1268 kg/day	8.	Rain water Recharging Pits	2 Pits	9.	Parking Proposed	1039 ECS
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7.	Disposal Arrangement of Waste water	<p>Total = 498 KLD Waste water will be treated in the STP of GMADA. 141 KLD treated waste water will be used for flushing purposes.</p>																														

		S.No.	Season	KLD in an area of 9240.64 sqm	GMADA SEWER KLD
		1.	Summer	51	306
		2.	Winter	17	340
		3.	Rainy	5	352
8.	Rain water recharging detail	7 Nos. rainwater recharging bores will be provided for collection of rain water.			
9.	Solid waste generation and its disposal	<ul style="list-style-type: none"> a) 1268 kg/day b) Solid wastes will be appropriately segregated (at source by providing bins) into Bio-degradable Components, and non bio-degradable and domestic hazardous waste. c) Garbage Chute will be provided for primary collection of solid waste. d) Mechanical composter of capacity 600 Kg per day will be provided for the Bio-degradable components. e) The recyclable waste will be sold to authorized recyclers. f) Inert waste will be dumped to authorized dumping site. 			
10	Hazardous Waste & E-Waste	<ul style="list-style-type: none"> a. Used oil from DG sets will be sold to registered recyclers. b. E-waste will be managed through approved vendors and will be handled as per E-waste (Management) Amendment Rules, 2018 			
11.	Energy Requirements & Saving	<ul style="list-style-type: none"> a) 7500 KVA from PSPCL. b) 96 KW power will be generated through solar panels proposed on the 1151 sqm rooftop area i.e. 30.05% of the total terrace area. LED Lamps will be used for 604 no. flats. 			
12.	Environment Management Plan along with Budgetary	Mr. Diwaker Bansal, Director of M/s. Ambika Realcon Pvt. Ltd. will be responsible for implementation of EMP for 5 years and after that the welfare society of "Ambika Homes" will be			

	break up phase wise and responsibility to implement	responsible for the same.												
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13.	CSR activities alongwith budgetary break up and responsibility to implement	<p>Mr. Diwaker Bansal, Director of M/s. Ambika Realcon Pvt. Ltd. will be responsible for implementation of CSR (Corporate Social Responsibility) for 5 years. the company will spend total Rs. 50 Lac on account of following CSR activities during the next 5 years i.e. within the construction of the project.</p> <p>a. An amount of Rs. 25 Lac will be deposited in Environment Protection Fund created by Punjab Pollution Control Board under Environmental Social Responsibility.</p> <p>b. Remaining amount of Rs. 25 Lac will be spent as under: -</p> <ol style="list-style-type: none"> i. Sanitation- Proper sanitation especially for Girls shall be provided in nearby government schools. ii. Solar lighting- Some Solar lights shall be provided in nearby government schools. iii. Plantation- Some plantation shall be done in surrounding area for clean environment. 												

The SEAC, Punjab in its 164th meeting held on 10.04.2018 after due considerations of the relevant documents submitted, presentation given and additional clarifications / documents furnished by the project proponent to it has recommended the case for environmental clearance with certain stipulations The SEIAA, Punjab after considering the proposal and recommendations of the SEAC Punjab in its 131st meeting

held on 04.05.2018, hereby accord Environmental Clearance to the project as per the provisions of Environment Impact Assessment Notification 2006 and its subsequent amendments , subject to strict compliance of the terms and conditions as follows:-

PART-A – Specific Conditions:

I. Pre-Construction Phase

- (i) "Consent to establish" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority before the start of any construction work at site.
- (ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (iii) The approval of competent authority shall be obtained for structural safety of the buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, disposal of waste water & solid waste in an environmentally sound manner, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

III. Construction Phase:

- (i) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (ii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people with the approval of competent authority. The project proponent will comply with the provisions of Construction & Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic / tarpaulin sheet covers for trucks bringing in sand & material at the site.
- (iii) Construction spoils, including bituminous material and other hazardous material,

must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.

- (iv) Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should conform to applicable air emission standards.
- (v) The project proponent shall use only treated sewage/wastewater for construction activities and no fresh water for this purpose will be used. A proper record in this regard should be maintained and available at site.
- (vi) Fly ash based construction material should be used in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended on August, 2003 and notification No. S.O. 2804 (E) dated 03.11.2009.
- (vii) Water demand during construction should be reduced by use of ready mixed concrete, curing agents and other best practices.
- (viii) Adequate treatment facility for drinking water shall be provided, if required.
- (ix) The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc.
- (x) The project proponent will provide dual plumbing system for reuse of treated wastewater for flushing/ HVAC purposes etc. and colour coding of different pipe lines carrying water/wastewater/ treated wastewater as follows:
 - e. Fresh water : Blue
 - f. Untreated wastewater : Black
 - g. Treated wastewater : Green
(for reuse)
 - h. Treated wastewater : Yellow
(for discharge)
 - e. Storm water : Orange
- (xi) 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.

- (xii) Separation of drinking water supply and treated sewage supply should be done by the use of different colors.
- (xiii) **(a)** Adequate steps shall be taken to conserve energy by limiting the use of glass, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code and National Building Code, 2005 on Energy conservation.
(b) Solar power plant by utilizing atleast 30% of the open roof top area in the premises shall be installed for utilizing maximum solar energy. Also, solar lights shall be provided as proposed for illumination of common areas instead of CFL lights or any other conventional light/bulbs.
- (xiv) The diesel generator sets to be used during construction phase should conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.
- (xv) Chute system, separate wet & dry bins at ground level and for common areas for facilitating segregation of waste, collection centre and mechanical composter (with a minimum capacity of 0.3kg/tenement/day) shall be provided for proper collection, handling, storage, segregation, treatment and disposal of solid waste.
- (xvi) A rainwater harvesting plan shall be designed where the re-charge bores (minimum one per 5000 sqm of built up area) shall be provided. Recharging wells for roof top run-off shall have provision of adequate treatment for removing suspended matter etc. before recharging as per the CGWA guidelines. Run-off from areas other than roof top such as green areas and roads/pavement etc. may also be recharged but only after providing adequate treatment to remove suspended matter, oil & grease etc. and ensuring that rainwater being recharged from these areas is not contaminated with pesticides, insecticides, chemical fertilizer etc.
- (xvii) The project proponent should fence the storage tank properly and in addition to this, the boundary wall shall be constructed at last stage or atleast 2 feet high opening in the boundary wall be provided at ground level to allow adequate passage to the surface run off during construction phase.
- (xviii) Green belt of adequate width as proposed shall be provided so as to achieve attenuation factor conforming to the day & night standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of land shall be planted and maintained. The existing trees may be counted for this purpose. Preference should be given

to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of three trees for every one tree that is cut) shall be done with the obligation to continue maintenance.

IV. Operation Phase and Entire Life

- i) "Consent to operate" shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests / State Level Environment Impact Assessment Authority at the time of start of operation.
- ii) The total water requirement for the project will be 669 KLD KL/day, out of which 477 KLD (fresh water) shall be met through GMADA Supply and remaining 192 KLD through recycling of treated wastewater.
- iii) a) The total wastewater generation from the project will be 498 KL/day, which will be treated in a STP installed by GMADA. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as below:

Season	Reuse for flushing (KLD)	For irrigation purposes (KLD) in an area on 9240.64 sqm	Discharge into sewer (KLD)
Summer	141	51	306
Winter	141	17	340
Rainy	141	05	352

- b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes. Only, the surplus treated wastewater shall be discharged into sewer after maintaining the proper record.
- iv) The project proponent shall ensure safe drinking water supply to the habitants.
- v) The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.
- vi) A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.
- vii) Rainwater harvesting/recharging systems shall be operated and maintained

properly as per CGWA guidelines.

- viii) The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.
- ix) Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.
- x) 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.
- xi) The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.
- xii) The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use.
- xiii) Solar power plant and other solar energy related equipments shall be operated and maintained properly.
- xiv) A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months time.

PART B – General Conditions :

I. Pre-Construction Phase

- i) This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.

- ii) The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Punjab Pollution Control Board. The advertisement should be made within seven days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab.
- iii) The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.
- iv) The project proponent shall obtain CLU from the competent authority if applicable.
- v) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body 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.

II. Construction Phase

- i) The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs. 181 Lacs towards capital investment, Rs. 5.5 Lacs towards recurring including monitoring expenditure and Rs. 50 Lacs towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.

III. Operation Phase and Entire Life

- i) **a)** The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs. 8 Lacs towards recurring including monitoring expenditure as proposed in the EMP.
- b)** The project proponent shall adhere to the commitments made in the proposal for CSR activities and shall spend a minimum amount of Rs. 50 Lacs towards following CSR activities:

- a. An amount of Rs. 25 Lac will be deposited in Environment Protection Fund created by Punjab Pollution Control Board under Environmental Social Responsibility.
 - b. Remaining amount of Rs. 25 Lac will be spent as under:-
 - i. Sanitation- Proper sanitation especially for Girls shall be provided in nearby government schools.
 - ii. Solar lighting- Some Solar lights shall be provided in nearby government schools.
 - iii. Plantation- Some plantation shall be done in surrounding area for clean environment.
- ii) The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken upto 3 m above the building.

PART-C – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life:

- (i) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- (ii) A first aid room will be provided in the project both during construction and operation phase of the project.
- (iii) Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.
- (iv) The environmental safeguards contained in the application of the promoter / mentioned during the presentation before State Level Environment Impact Assessment Authority/State Expert Appraisal Committee should be implemented in letter and spirit.
- (v) Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines and all the mitigation measures should

be taken to bring down the levels within the prescribed standards.

- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the competent authorities including Punjab Pollution Control Board and from other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable.
- (vii) The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner.
- (viii) A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times.
- (ix) The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on 1st June and 1st December of each calendar year.
- (x) Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh / State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee / Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.
- (xi) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.
- (xii) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any

Competent Court, to the extent applicable.

- (xiii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xiv) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces.
- (xv) Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project.
- (xvi) The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.
- (xvii) The project proponent shall not use any chemical fertilizer /pesticides /insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.

Sd/-

Endst. No.SEIAA/Pb/2018/689-696

**Member Secretary
Dated 24.05.2018**

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110 003.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
4. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
5. The Deputy Commissioner, SAS Nagar (Mohali).

6. The Additional Principal Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
- a) Name of the applicant : Sh. Harsh Bhargav, Vice President
 - b) Contact no. : 9855128694
 - c) E-mail ID : harshbhargav@teamambika.com
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali
8. The Monitoring Cell, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.

Sd/-

Member Secretary

Ambika Homes



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB
Ministry of Environment and Forests, Government of India

O/O Punjab Pollution Control Board,
Vatavaran Bhawan, Nabha Road,
Patiala – 147 001
Telefax:- 0175-2215636

No. SEIAA/2018/1493

REGISTERED

Dated: 3.12.18

To

M/s Ambika Realcon Developers Private Ltd.,
House No. 136, 3rd Floor, Pocket-1,
Apolo Hospital, Jasola,
New Delhi-110025.

Subject: Transfer of environmental clearance granted under EIA notification dated 14.09.2006 to M/s Ambika Realcon Pvt Ltd., SCO 64-65, 2nd Floor, Sector 17 A, Chandigarh for establishment of group housing project namely "Ambika Homes" located at Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab in the name of M/s Ambika Realcon Developers Private Limited.

This has reference to your office letter No. Nil dated 24.09.2018, on the subject cited above.

As decided by the SEIAA in its 138th meeting held on 15.10.2018, the environmental clearance granted to M/s Ambika Realcon Pvt Ltd., SCO 64-65, 2nd Floor, Sector 17 A, Chandigarh, by the SEIAA, Punjab vide letter No. SEIAA/2018/688 dated 24.05.2018 for establishment of group housing project namely "Ambika Homes" located at Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab, is hereby, transferred in the name of M/s Ambika Realcon Developers Private Limited, subject to the same conditions as mentioned in the aforesaid environmental clearance.

This letter must remain appended with the original letter no. SEIAA/2018/688 dated 24.05.2018 vide which environmental clearance has been granted to M/s Ambika Realcon Pvt Ltd., SCO 64-65, 2nd Floor, Sector 17 A, Chandigarh.


Member Secretary

Endst. No. SEIAA/2018/

Dated

A copy of the above is forwarded to the following for information & further necessary action please.

1. The Secretary to Govt. of India, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110 003.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi.
3. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala.
4. The Chairman, Punjab State Power Corporation Ltd, the Mall, Patiala.
5. The Deputy Commissioner, SAS Nagar (Mohali).

6. The Additional Principal Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Northern Regional Office, Bays No.24-25, Sector-31-A, Chandigarh. The detail of the authorized Officer of the project proponent is as under:
 - a) Name of the applicant : Sh. Diwaker Bansal, Director
 - b) Contact no. : 0172-500110
 - c) E-mail ID : care@teamambika.com
7. The Chief Town Planner, Department of Town & Country Planning, 6th Floor, PUDA Bhawan, Phase-8, Mohali
8. The Monitoring Cell, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003.
9. M/s Ambika Realcon Pvt Ltd., SCO 64-65, 2nd Floor, Sector 17 A, Chandigarh.

Sa
Member Secretary

SITE PHOTOGRAPHS



GREEN AREA





STP Inlet meter



STP Outlet Meter



Irrigation outlet meter



Bore well



Gamada water connection 25mm

STP Inlet & Outlet Meters





Borewell Flow Meter



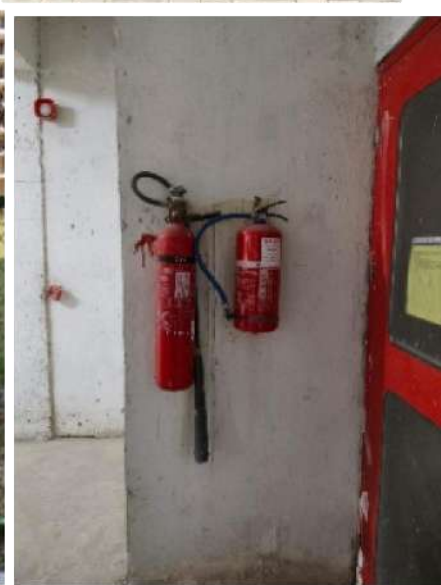
SOLID WASTE MANAGEMENT



PARKING



FIRE FIGHTING MEASURES



DG Sets



SOLAR SYSTEM PROVIDED



Tower Name: T6 Triomphe -D

Capacity: 13.65KW



Tower Name: T7 Triomphe -C

Capacity: 13.65KW



Tower Name: T8 Triomphe -B

Capacity: 13.65KW



Display Board

1. Name & address of The Company	AMBIKA REALTON DEVELOPERS PVT.LTD. LA PARISION															
2. Status of Water Consent	Granted Date of Issue: Date of Expiry															
3. Status of Air Consent	Granted Date of Issue Date Expiry															
4. Quantity of EFFluent Mode of Discharge																
5. Compliance EFFluent Standards	As per PPCB Norms <table border="1"> <thead> <tr> <th>Parameters</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>PH</td> <td>.....</td> </tr> <tr> <td>BOD</td> <td>..... mg/l</td> </tr> <tr> <td>COD</td> <td>..... mg/l</td> </tr> <tr> <td>TSS</td> <td>..... mg/l</td> </tr> </tbody> </table>	Parameters	Results	PH	BOD mg/l	COD mg/l	TSS mg/l					
Parameters	Results															
PH															
BOD mg/l															
COD mg/l															
TSS mg/l															
6. Type of Air Emission	Flue gas emissions from Operation Nos of DG Sets only of															
7. Compliance of Air Emission Standards	<table border="1"> <thead> <tr> <th>Parameters</th> <th>Result</th> <th>Range</th> </tr> </thead> <tbody> <tr> <td>PM</td> <td>.....</td> <td>mg/Nm</td> </tr> <tr> <td>SO₂</td> <td>.....</td> <td>mg</td> </tr> <tr> <td>NO_x</td> <td>.....</td> <td>PPm</td> </tr> <tr> <td>CO</td> <td>.....</td> <td>mg/Nm</td> </tr> </tbody> </table>	Parameters	Result	Range	PM	mg/Nm	SO ₂	mg	NO _x	PPm	CO	mg/Nm
Parameters	Result	Range														
PM	mg/Nm														
SO ₂	mg														
NO _x	PPm														
CO	mg/Nm														
8. Status of Hazardous Waste Management Authorization	Sold To approved Vendors N/A															
9. Quantity and Nature of Hazardous Chemical Used	N/A															
10. Quantity of Hazardous Waste Generated (Category Waste)	5.1 Spent oil lit/annum															
11. Details of Hazardous Waste Storage Facility Provided	Stored in HDPE drums N/A															



**GREATER MOHALI AREA DEVELOPMENT AUTHORITY
PUDA BHAWAN, SECTOR – 62, S.A.S.NAGAR**

To,

M/s Ambika Realcon Pvt Ltd
SCO 64 & 65, Sector 17A, Chandigarh.

Memo No: GMADA-DE(PH-1)/2018/ 611

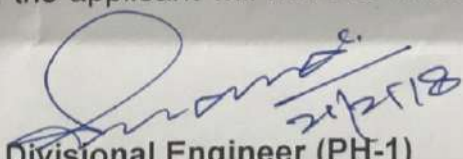
Dated: 21/2/18

Sub:- Development of Group housing project by M/s Ambika Realcon Pvt Ltd at site no. GH02, IT City, Sector 66 Beta, SAS Nagar (Area 28044.71 sqmm)

Ref:- Your office letter dated 06.02.2018 and 20.02.2018

With reference to your letter on the subject cited above the parawise reply of each clarification sought by you are under:-


- 1) GMADA will provide the water connection to you. Hence there is no need to install Bore well.
- 2) GMADA will provide the sewer & storm drainage connection to you in the main sewer & storm network. However as per building bye laws Rain Water Harvesting of Roof top water is mandatory.
- 3) Since solid waste disposal is a municipal function & a CMSWM facility is proposed to be provided by Department of Local Government in Village Nimbuan, Dera Bassi. But till such time, the applicant will have to make his own arrangements in this regard.


 Divisional Engineer (PH-1)
 GMADA, SAS Nagar

Endst. No. GMADA-DE(PH-1)/2018/

Dated

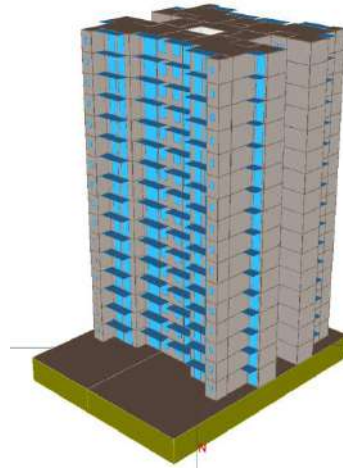
A copy of the above is forwarded to Superintending Engineer(C-1), GMADA, SAS Nagar for information please.


 Divisional Engineer (PH-1)
 GMADA, SAS Nagar

EE MR-2 and C-1: Energy Optimization Report –Ambika Homes La-Parisian



Tower-1, 4 and 6



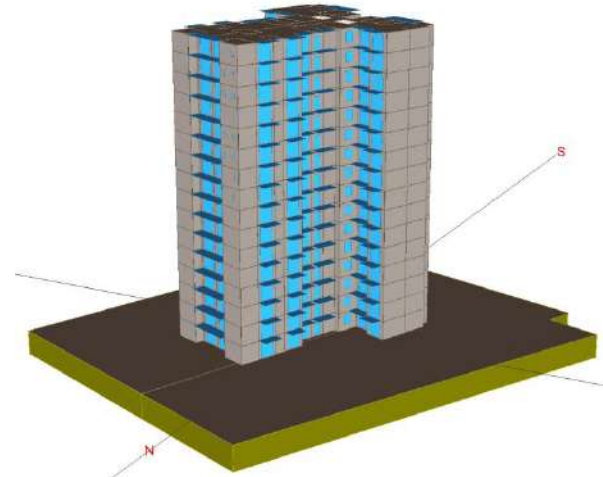
Tower-2 and 8



Tower-3 and 7



Tower-5



Tower-9

EXECUTIVE SUMMARY

Ambika Homes is developing a multifamily residential project at Chandigarh. The project is name as “La-parisian”. Upcoming facility consists of 9 residential blocks. La-parisian all blocks have basement to 15th floors. Blocks have basement are mainly used for parking.

This report is part of a process towards obtaining IGBC Green Homes certification for the project. The specific objective of this report is to evaluate annual energy usage for the entire facility.

IGBC Green Homes sets minimum energy performance standards for residential facilities to develop high performance sustainable buildings. Its goal is to evaluate environmental performance from the whole building perspective over complete building’s life cycle, providing a definitive standard for energy efficient buildings with reduced electrical energy demand.

Green Homes evaluates building on various parameters relating to building envelope, heating ventilation and air conditioning, interior and exterior lighting, electrical power and motors including thermal comfort in air conditioned buildings.

The report contains results of energy analysis of the proposed buildings individually, based on the information provided by the evaluate energy savings of the proposed design of the project.

Architect and the Design Consultants involved in the project. The proposed models were analyzed using hourly energy simulation to evaluate energy savings of the proposed design of the project.

The purpose of this report is to present the performance of the proposed models in comparison to a standard design based on the prescriptive requirements from IGBC Green Homes Rating System

Version 3.0, September 2019.

It is determined via simulation that tower performs 11.4% better (Overall) as compared to IGBC Green Homes baseline building energy performance and optimized energy performance. Hence, the project achieves 4 points under EEc1.

The report is structure as follows.

Introduction..... 2
PROJECT DESCRIPTION..... 4
PROPOSED MODEL..... 5
BASELINE MODEL 6

Annexure 1: Comparison between Proposed building and standard building energy consumptions individual blocks

Annexure 2: Final comparison between proposed case and Base case energy consumptions (For all Blocks)

Annexure 3: Graphical Representation

Annexure 4: Building operating schedules

INTRODUCTION TO ENERGY SIMULATION

Energy Simulation is a computer based analytical process that help building owners and designers to evaluate the energy performance of a building and make it more energy efficient by making necessary modifications in the design before the building is constructed. Use of energy simulation software is necessary to show compliance with Indian green building council via “Whole Building Performance Method”.

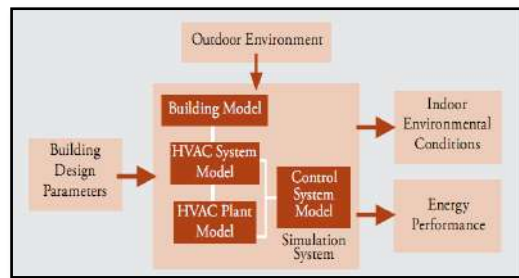


Fig.1. Energy Simulation Schematic

This includes performing a whole building 3D simulation of the building to simulate the existing design. This 3D model will mimic the existing design and include the entire design parameters such as materials, envelope, fenestration, HVAC, lighting, plug loads, other loads, people, occupancy etc. We have used DOE 2 based eQuest as the simulation program.

The energy performance of the design building is compare to the IGBC green homes reference case to document the performance of the proposed design vis-à-vis the IGBC green homes reference building.

HOW AN ENERGY SIMULATION PROGRAM WORKS

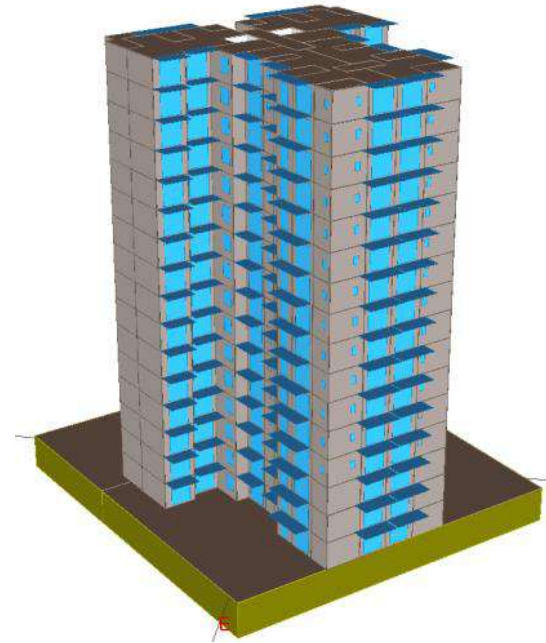
A building’s Energy requirements change continuously under different conditions of weather, occupancy, operation etc. The sequence of calculation is repeated many times to simulate an annual operation cycle. The results of all the repeated calculations are then compiled to produce the total yearly consumption and costs.

For input and calculation purposes, the building is divide into thermal zones. Each thermal zone has certain load characteristics and is serve by specific types of conditioning, lighting and other energy consuming systems. The program does most of its calculations separately for each zone.

Whole Building 3D energy simulation includes:

- Basic assessment and understanding of the architectural and constructional Philosophy along with the overall objective of the project
- Data collection of the required inputs for the Energy Optimization Program e.g.
 - Schedules of occupancies, holidays, lighting, equipment usage, etc.
 - All constructions material details and specifications
 - Details of windows, glazing, fenestration etc.
 - Details of lighting, equipment power density
 - Basic HVAC details like type of system, power consumption, air-cooled, water cooled etc.
 - Details of other energy requirements like hot water, outside lighting etc.

- 3-D modeling of the building as per the software requirement and all relevant data entry into the Energy Optimization Software Program
- Bench marking the energy requirement for the Standard Design Case for minimum compliance energy levels as per IGBC Green Homes Rating System Version 3.0, September 2019. Standard for the buildings.
- Developing Energy Efficiency Measures to better the minimum compliance energy levels as indicated above
- Putting together all Energy Efficiency Measures for the proposed building Design
- Arriving at the proposed case energy consumption results
- Arriving at the whole building energy reduction achieved of the proposed case vis-à-vis base case.



3D Views of the Model

PROJECT DESCRIPTION

A zoning plan was developed for each space and entered into the simulation model. Each zone was assigned a set of properties including lighting power density, equipment power density, occupancy rate, etc. Each zone also assigned physical properties of floor-to-floor height, material conductivity and fenestration area etc.

A standard building as per the requirements of IGBC Green Homes is model. The building is simulated with actual orientation and again after rotating the entire building by 90°, 180° and 270° and then averaged out the results to get the IGBC Green Homes Baseline Building Energy Consumption in Kilowatt hours (kWh).

The average of all base cases energy consumption have been considered without modeling any shades and overhangs in the building as envisaged by the architects.

The project has been modeled using the eQuest energy analysis software. eQuest uses the Building energy simulation engine developed by US Department of Energy (DOE). The eQuest energy modeling software allows for a graphical display of all the 3-dimensional geometry entered in the application to describe the building. As per the view shown, the building has been modeled in detail to improve the accuracy of analysis work. The project objective is to evaluate energy use and the energy efficiency performance of the building.

PROPOSED MODEL

Proposed case assumptions and data are base on project architectural drawings, HVAC floor plans, elevations & sectional drawings and technical specifications. All other design and operating assumptions are base on design narratives when available, from discussions with the design team, or reasonable assumptions based on experience and industry standards.

Building Envelope

- Climate Zone: Warm and humid
- Exterior wall construction: Considering 200 mm RCC wall with 20 mm cement plaster on both sides. The overall U-value of exterior wall is 2.6 W/m²°K (0.46 Btu/hr-sqft°F).
- Roof Construction: The overall U-value of roof is 1.35 W/m²°K (0.239 Btu/hr-sqft°F). (without insulation)
 - Fenestration type: glass: ET-150 Single Glazed clear glass
 - U-Value: 5W/m²°K (0.88 Btu/hr-sqft°F);
 - SHGC: 0.50; SC: 0.58
 - VLT: 55%
- Roof reflectance: 0.45
- Overhangs: modeled as per actual design

Lighting loads

(As per actual lighting calculation for buildings given in table below)

Equipment Power Density: 1 W/sqft

Total Elevator load: 180kW (total 18 elevators; 10kW each)

Total exterior lighting loads: (As per actual exterior lighting calculation for building given in table below)

Air Side Systems

- Residential units COP – 3.5; equivalent to 3-star rated equipment under BEE labeling programmed. Calculation for breakdown of fan energy from cooling efficiency has been performed. Table given below.
- Fan Control – Constant volume
- Fan Power- 0.000300 kW/cfm
- Heating – Electric

Water Side Systems

- Not applicable

BASELINE MODEL

The IGBC Green Homes Baseline model is used to benchmark the Proposed Model.

This model is based upon the proposed design, but the performance parameters listed below are defined to reflect the minimum efficiency levels that IGBC Green Homes 2019 defines for various building components. These parameters are listed below.

Building Envelope (As per IGBC Green Homes Rating System – version 3.0, September 2019 for composite climate)

- Climate Zone: Composite & Hot-Dry
- Exterior Wall Construction: U-value of the exterior walls is 1.8 W/ m² °K (0. 0.3172 Btu/hr-sqft°F) **(As per Addendum V3)**
- Roof Construction: U-value of the roof is 1.5 W/ m² °K (0.2643 Btu/hr-sqft°F)
- Fenestration type: U-value: 5.7 W/ m² °K (1.0032 Btu/hr-sqft°F)
 - SHGC: 0.50
 - SC: 0.57
- Roof reflectance: 0.3
- Overhangs: no shades or overhangs are modeled

Lighting and Equipment loads (As per IGBC Green Homes (Addendum V3)

Sr.No.	Space	LPD (W/sqft)
1	Living Area	0.4646
2	Parking Area	0.2323
3	Common Area	0.3717

(As per IGBC Green Homes Rating System Version 3.0)

Equipment Power Density: 1 W/sqft

Total Elevator load: 180 KW

Total exterior lighting loads: (detailed exterior lighting calculation for building given in table below)

Air Side Systems

- HVAC system type – Split Unitary Air Conditioning system
- COP – As per table below; EER equivalent to 3-star rated equipment under BEE labeling program and then separated fan energy to calculate COP.
- Fan Control – Constant volume
- Fan Power- 0.0003 kW/cfm
- Heating – Electric
- Cooling capacities – oversized 15%
- Heating capacities – oversized 25%

Water Side – NA

Interior lighting load-

LPD Calculation_La Parisian T-1, 4 and 6									
S.No.	Floor	Space	Area (Sq.ft)	Fixture Type	Fixture(W)			Total Watt	LPD (W/sqft)
					12	15	20		
1	Basement	Parking	7,296	LED TUBE LIGHT			6	120	0.0164
2		Parking	10,996	LED TUBE LIGHT			10	200	0.0182
3		Electrical room	270	LED SURFACE MOUNTED	2			24	0.0888
4		Electrical room	168	LED SURFACE MOUNTED	2			24	0.1433
5		Stair	147	LED SURFACE MOUNTED	2			24	0.1634
6		Lift Lobby	167	LED SURFACE MOUNTED	2			24	0.1438
7	Ground Floor	Foyer	411	LED SURFACE MOUNTED	2			24	0.0583
8		Stair	255	LED SURFACE MOUNTED	2			24	0.0940
9		Stair	255	LED SURFACE MOUNTED	2			24	0.0943
10		Lobby	363	LED SURFACE MOUNTED	2			24	0.0662
11	Typical Floor	Corridor	373	LED SURFACE MOUNTED	3			36	0.0964
12		Stair	256	LED SURFACE MOUNTED	2			24	0.0939
13		Stair	254.5	LED SURFACE MOUNTED	2			24	0.0943

LPD Calculation_La Parisian T-2 and 8									
S.No.	Floor	Space	Area (Sq.ft)	Fixture Type	Fixture(W)			Total Watt	LPD (W/sqft)
					12	15	18		
1	Basement	Parking	8,046	LED TUBE LIGHT			20	360	0.0447
2		Parking	2,499	LED TUBE LIGHT			5	90	0.0360
3		Electrical room	270	LED SURFACE MOUNTED	1			12	0.0444
4		Lift Lobby	365	LED SURFACE MOUNTED	2			24	0.0658
5		Stair	240	LED SURFACE MOUNTED	1			12	0.0500
6		Electrical room	1513	LED SURFACE MOUNTED	2			24	0.0159
7	Ground Floor	Foyer	234	LED SURFACE MOUNTED	2			24	0.1027
8		Stair	235	LED SURFACE MOUNTED	1			12	0.0511
9		Stair	224	LED SURFACE MOUNTED	1			12	0.0537
10		Lobby	415	LED SURFACE MOUNTED	2	1		39	0.0941
11	Typical Floor	staircase	235	LED SURFACE MOUNTED	1			12	0.0511
12		staircase	224	LED SURFACE MOUNTED	1			12	0.0537
13		Lobby	379	LED SURFACE MOUNTED	1	1		27	0.0712

LPD Calculation_La Parisian T-3 and 7									
S.No.	Floor	Space	Area (Sq.ft)	Fixture Type	Fixture(W)			Total Watt	LPD (W/sqft)
					15	18	20		
1	Basement	Parking	11,034	LED TUBE LIGHT			20	400	0.0363
2		Parking	608	LED SURFACE MOUNTED			1	20	0.0329
3		Stair	247	LED SURFACE MOUNTED	2			30	0.1216
4		Stair	234	LED SURFACE MOUNTED	2			30	0.1280
5		Lobby	381	LED SURFACE MOUNTED	2			30	0.0787
6	Ground Floor	foyer	276	LED TUBE LIGHT	2	2		66	0.2395
7		Stair	218	LED TUBE LIGHT	2			30	0.1089
8		Stair	223	LED SURFACE MOUNTED	2			30	0.1346
9		Lobby	279	LED SURFACE MOUNTED	2			30	0.1075
10	Typical Floor	stair	218	LED SURFACE MOUNTED	2			30	0.1379
11		stair	223	LED SURFACE MOUNTED	2			30	0.1346
12		lobby	310	LED SURFACE MOUNTED	2			30	0.0969

LPD Calculation_La Parisian T-5									
S.No.	Floor	Space	Area (Sq.ft)	Fixture Type	Fixture(W)			Total Watt	LPD (W/sqft)
					15	18	20		
1	Basement	Parking	44,838	LED TUBE LIGHT			50	1000	0.0223
2		Parking	9,721	LED TUBE LIGHT			10	200	0.0206
3		Stair	255	LED SURFACE MOUNTED	2			30	0.1176
4		Lobby	283	LED SURFACE MOUNTED	2			30	0.1059
5		Stair	246	LED SURFACE MOUNTED	2			30	0.1221
6	Ground Floor	Stair	270	LED SURFACE MOUNTED	2			30	0.1111
7		Stair	270	LED SURFACE MOUNTED	2			30	0.1112
8		Foyer	356	LED SURFACE MOUNTED	4	2		96	0.2700
9	Typical Floor	Lobby	527	LED SURFACE MOUNTED	4			60	0.1138
10		Stair	270	LED SURFACE MOUNTED	2			30	0.1111
11		Stair	270	LED SURFACE MOUNTED	2			30	0.1112

LPD Calculation_La Parisian T-9									
S.No.	Floor	Space	Area (Sq.ft)	Fixture Type	Fixture(W)			Total Watt	LPD (W/sqft)
					15	18	20		
1	Basement	Parking	28,760	LED TUBE LIGHT			40	800	0.0278
2		Parking	14,513	LED TUBE LIGHT			30	600	0.0413
3		Electrical	271	LED SURFACE MOUNTED	2			30	0.1108
4		Stair	304	LED SURFACE MOUNTED	2			30	0.0987
5		Lobby	170	LED SURFACE MOUNTED	2			30	0.1768
6	Ground Floor	Stair	255	LED SURFACE MOUNTED	2			30	0.1179
7		Stair	255	LED SURFACE MOUNTED	2			30	0.1179
8		Corridor	403	LED SURFACE MOUNTED	7			105	0.2603
9		Foyer	421	LED SURFACE MOUNTED	4	2		96	0.2283
10	Typical Floor	Stair	255	LED SURFACE MOUNTED	2			30	0.1179
11		Stair	255	LED SURFACE MOUNTED	2			30	0.1179
12		Corridor	404	LED SURFACE MOUNTED	4			60	0.1484

Exterior lighting load -

Exterior Lighting Load (Proposed) - T-1 ,4 and 6					
Spaces	Area (sqft)	Installed fixture	Wattage of fixture	No. of fixture	Total wattage
Pathway	4683	30W 3.5 HIGH POLE	30	11	330
		6W WALL	6	3	18
		10W FLOOR	10	2	20
		2.5W PERGOLA CEILING	2.5	7	17.5
		3W FLOOR RECESSED	3	9	27
		10W FLOOR UPLIGHTER	10	2	20
Landscaped area, street, Parking	4141	7W TREE UPLIGHTER	7	8	56
		5W SHRUB UPLIGHTER	5	16	80
Façade	No lighting installed		0		0
Total proposed case exterior lighting load (kW)					0.57

Spaces	Area (sqft)	L.P.D. (w/sqft)	Total wattage
Pathway	4683	0.23	1088
Landscaped area, street, Parking	4141	0.23	962
Façade	No lighting installed	0	0
Total Baseline case exterior lighting load (kW)			2.05

Exterior Lighting Load (Proposed) - T-2 and 8					
Spaces	Area (sqft)	Installed fixture	Wattage of fixture	No. of fixture	Total wattage
Pathway	3493	30W 3.5 HIGH POLE	30	5	150
		6W WALL	6	1	6
		10W FLOOR	10	1	10
		2.5W PERGOLA CEILING	2.5	3	7.5
		3W FLOOR RECESSED	3	4	12
		10W FLOOR UPLIGHTER	10	1	10
Landscaped area, street, Parking	1525	7W TREE UPLIGHTER	7	4	28
		5W SHRUB UPLIGHTER	5	7	35
Façade	No lighting installed		0		0
Total proposed case exterior lighting load (kW)					0.26

Spaces	Area (sqft)	L.P.D. (w/sqft)	Total wattage
Pathway	3493	0.23	811
Landscaped area, street, Parking	1525	0.23	354
Façade	No lighting installed	0	0
Total Baseline case exterior lighting load (kW)			1.17

Exterior Lighting Load (Proposed) - T-3 and 7					
Spaces	Area (sqft)	Installed fixture	Wattage of fixture	No. of fixture	Total wattage
Pathway	3493	30W 3.5 HIGH POLE	30	5	150
		6W WALL	6	1	6
		10W FLOOR	10	1	10
		2.5W PERGOLA CEILING	2.5	3	7.5
		3W FLOOR RECESSED	3	4	12
		10W FLOOR UPLIGHTER	10	1	10
Landscaped area, street, Parking	1525	7W TREE UPLIGHTER	7	4	28
		5W SHRUB UPLIGHTER	5	7	35
Façade	No lighting installed		0		0
Total proposed case exterior lighting load (kW)					0.26

Spaces	Area (sqft)	L.P.D. (w/sqft)	Total wattage
Pathway	3493	0.23	811
Landscaped area, street, Parking	1525	0.23	354
Façade	No lighting installed	0	0
Total Baseline case exterior lighting load (kW)			1.17

Exterior Lighting Load (Proposed) - T-5					
Spaces	Area (sqft)	Installed fixture	Wattage of fixture	No. of fixture	Total wattage
Pathway	3299	30W 3.5 HIGH POLE	30	11	330
		6W WALL	6	2	12
		10W FLOOR	10	3	30
		2.5W PERGOLA CEILING	2.5	6	15
		3W FLOOR RECESSED	3	9	27
		10W FLOOR UPLIGHTER	10	3	30
Landscaped area, street, Parking	5135	7W TREE UPLIGHTER	7	8	56
		5W SHRUB UPLIGHTER	5	15	75
Façade	No lighting installed		0		0
Total proposed case exterior lighting load (kW)					0.58

Spaces	Area (sqft)	L.P.D. (w/sqft)	Total wattage
Pathway	3299	0.23	766
Landscaped area, street, Parking	5135	0.23	1193
Façade	No lighting installed	0	0
Total Baseline case exterior lighting load (kW)			1.96

Exterior Lighting Load (Proposed) - T-9					
Spaces	Area (sqft)	Installed fixture	Wattage of fixture	No. of fixture	Total wattage
Pathway	1960	Bollard Light (3.5mtr high pole)	30	10	300
		Uplighter	7	4	28
Landscaped area, street, Parking	2426	Shrub Uplighter	5	25	125
		Boundry Wall Light	6	8	48
Façade	No lighting installed		0	0	0
Total proposed case exterior lighting load (kW)					0.50

Spaces	Area (sqft)	L.P.D. (w/sqft)	Total wattage
Pathway	3299	0.23	766
Landscaped area, street, Parking	5135	0.23	1193
Façade	No lighting installed	0	0
Total Baseline case exterior lighting load (kW)			1.96

Calculation for breakdown of fan energy from cooling efficiency:

Proposed La Parision Tower-1 ,4 and 6										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1155	347	33.68	33680	11.9	34863	2819	4.13	0.2421
Typical Floor	Flat-1	791	237	23.36	23360	11.9	24170	1956	4.12	0.2426

Baseline La Parision Tower-1 ,4 and 6										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1269	381	42.47	42470	11.9	43769	3555	4.04	0.2475
Typical Floor	Flat-1	876	263	29.62	29620	11.9	30517	2480	4.03	0.2479

Proposed La Parision Tower-2 and 8										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1405	422	30.00	30000	11.9	31439	2511	4.41	0.2269
Typical Floor	Flat-1	1035	311	22.00	22000	11.9	23060	1842	4.41	0.2266

Baseline La Parision Tower-2 and 8										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1687	506	56.25	56250	11.9	57977	4709	4.04	0.2474
Typical Floor	Flat-1	1096	329	37.43	37430	11.9	38552	3133	4.03	0.2483

EE MR-2 and C-1: Energy Optimization Report –Ambika Homes La-Parisian

Proposed La Parision Tower-3 and 7										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1507	452	45.11	45110	11.9	46653	3776	4.11	0.2432
Typical Floor	Flat-1	1073	322	33.11	33110	11.9	34209	2772	4.09	0.2444

Baseline La Parision Tower-3 and 7										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1674	502	55.77	55770	11.9	57484	4669	4.04	0.2474
Typical Floor	Flat-1	1159	348	35.57	35570	11.9	36757	2978	4.09	0.2442

Proposed La Parision Tower-5										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1161	348	34.08	34080	11.9	35269	2853	4.13	0.2424
Typical Floor	Flat-1	543	163	16.54	16540	11.9	17096	1385	4.10	0.2439

Baseline La Parision Tower-5										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1266	380	37.07	37070	11.9	38366	3103	4.13	0.2423
Typical Floor	Flat-1	638	191	19.23	19230	11.9	19883	1610	4.11	0.2435

Proposed La Parision Tower-9										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1687	506	49.03	49030	11.9	50757	4104	4.13	0.2420
Typical Floor	Flat-1	1084	325	31.91	31910	11.9	33020	2671	4.12	0.2425

Baseline La Parision Tower-9										
Floor	Typical System	Supply CFM (SV-A)	Supply fan power (W)	Cooling Capacity (K btu/h)-SV-A	Net Cooling Capacity (btu/h)-SV-A	EER (As per BEE-3 star rated COP)	Gross Cooling Capacity (btu/h)	Input Power (W)	Revised COP	EIR
Ground Floor to 1st Floor	Flat-1	1687	506	49.03	49030	11.9	50757	4104	4.13	0.2420
Typical Floor	Flat-1	1084	325	31.91	31910	11.9	33020	2671	4.12	0.2425

Annexure 1: Final energy saving summary (Performance Rating Method Compliance)

Tower T1, T4 and T6

Baseline Performance - Performance Rating Method Compliance							
Particulars	Energy Type	Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Average Baseline
Interior Lighting	Electricity	Energy Use (Kwh)	406,212	406,212	406,212	406,212	406,212
Exterior Lighting	Electricity	Energy Use (Kwh)	21,549	21,549	21,549	21,549	21,549
Space Cooling	Electricity	Energy Use (Kwh)	187,248	198,384	203,172	202,287	197,773
Ventilation Fans	Electricity	Energy Use (Kwh)	86,316	85,302	79,740	86,523	84,470
Space Heating	Electricity	Energy Use (Kwh)	13,293	7,440	3,354	4,650	7,184
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	736,302	736,302	736,302	736,302	736,302
Total	Electricity	Energy Use (Kwh)	1,450,920	1,455,189	1,450,329	1,457,523	1,453,490

Energy Cost Savings						
End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	339,747	2,446,178	406,212	2,924,726	16.4%	16.4%
Exterior Lighting	5,991	43,135	21,549	155,153	72.2%	72.2%
Space Cooling	149,109	1,073,585	197,773	1,423,964	24.6%	24.6%
Ventilation Fans	44,775	322,380	84,470	608,186	47.0%	47.0%
Space Heating	7,542	54,302	7,184	51,727	-5.0%	-5.0%
Miscellaneous Equipment	736,302	5,301,374	736,302	5,301,374	0.0%	0%
Total	1,283,466	9,240,955	1,453,490	10,465,130	11.7%	11.7%

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy Type	Energy kWh	Peak kW	Energy kWh	Peak kW	Energy %
	Interior Lighting	Electricity	339,747	98.2	406,212	120.6
Exterior Lighting	Electricity	5,991	1.4	21,549	4.9	72.2%
Space Cooling	Electricity	149,109	87.5	197,773	99.2	24.6%
Ventilation Fans	Electricity	44,775	12.3	84,470	23.6	47.0%
Space Heating	Electricity	7,542	6.9	7,184	81.5	-5.0%
Miscellaneous Equipment	Electricity	736,302	209.5	736,302	209.5	0%
Total Building Consumption		1,283,466	320.6	1,453,490	143.8	11.7%

BASELINE CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW <u>Ambala</u> , HR, IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	135404.	0.	245434.	4431.	62416.	0.	0.	28772.	0.	0.	0.	7183.	483642.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			483642. KWH	35.307 KWH /SQFT-YR GROSS-AREA			35.307 KWH /SQFT-YR NET-AREA						
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0													

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW <u>Ambala</u> , HR, IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	483642. KWH	58037.	0.1200	YES
				=====		
				58037.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance		WEATHER FILE- EPW <u>Ambala</u> ,HR,IND											
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	108612.	0.	245434.	10795.	49703.	0.	0.	14925.	0.	0.	0.	0.	429470.
Comm ELECTRICITY													
KWH	4637.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1997.	6634.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			436104. KWH	31.836 KWH		/SQFT-YR GROSS-AREA			31.836 KWH	/SQFT-YR NET-AREA			
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTILING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTILING RANGE = 0.00													
HOURS ANY ZONE BELOW HEATING THROTTILING RANGE = 0													

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary		WEATHER FILE- EPW <u>Ambala</u> ,HR,IND				
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
<u>Electricity Rate</u>	ELECTRICITY	EM1 <u>Comm</u>	436105. KWH	52333.	0.1200	YES
				=====		
				52333.		

Tower T2 and T8

Baseline Performance - Performance Rating Method Compliance							
Particulars	Energy Type	Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Average Baseline
Interior Lighting	Electricity	Energy Use (Kwh)	267,744	267,744	267,744	267,744	267,744
Exterior Lighting	Electricity	Energy Use (Kwh)	8,200	8,200	8,200	8,200	8,200
Space Cooling	Electricity	Energy Use (Kwh)	125,544	151,024	147,100	130,112	138,445
Ventilation Fans	Electricity	Energy Use (Kwh)	40,578	42,908	40,958	42,374	41,705
Space Heating	Electricity	Energy Use (Kwh)	20,158	4,544	3,264	14,858	10,706
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	319,116	319,116	319,116	319,116	319,116
Total	Electricity	Energy Use (Kwh)	781,340	793,536	786,382	782,404	785,916

Energy Cost Savings						
End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	219,846	1,582,891	267,744	1,927,757	17.9%	17.9%
Exterior Lighting	1,822	13,118	8,200	59,040	77.8%	77.8%
Space Cooling	94,300	678,960	138,445	996,804	31.9%	31.9%
Ventilation Fans	39,366	283,435	41,705	300,272	5.6%	5.6%
Space Heating	25,130	180,936	10,706	77,083	-134.7%	-134.7%
Miscellaneous Equipment	319,116	2,297,635	319,116	2,297,635	0.0%	0%
Total	699,580	5,036,976	785,916	5,658,592	11.0%	11.0%

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy Type	Energy kWh	Peak kW	Energy kWh	Peak kW	Energy %
	Interior Lighting	Electricity	219,846	63	267,744	77.1
Exterior Lighting	Electricity	1,822	0	8,200	1.9	77.8%
Space Cooling	Electricity	94,300	63	138,445	75.2	31.9%
Ventilation Fans	Electricity	39,366	11	41,705	11.1	5.6%
Space Heating	Electricity	25,130	45	10,706	81.1	-134.7%
Miscellaneous Equipment	Electricity	319,116	149	319,116	90.2	0%
Total Building Consumption		699,580	207	785,916	207.1	11.0%

BASELINE CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW Ambala,HR,IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	133872.	0.	159558.	10079.	62772.	0.	0.	20289.	0.	0.	0.	4100.	390670.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			390670. KWH	28.058 KWH /SQFT-YR GROSS-AREA			28.058 KWH /SQFT-YR NET-AREA						
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0													

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW Ambala,HR,IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	390670. KWH	46880.	0.1200	YES
				=====		
				46880.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW Ambala,HR,IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	105772.	0.	159558.	22100.	47150.	0.	0.	19683.	0.	0.	0.	0.	354262.
Comm ELECTRICITY													
KWH	4152.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	911.	5063.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			359325. KWH	25.809 KWH /SQFT-YR GROSS-AREA		25.809 KWH /SQFT-YR NET-AREA							
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0													

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary					WEATHER FILE- EPW Ambala,HR,IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?	
Electricity Rate	ELECTRICITY	EM1 Comm	359325. KWH	43119.	0.1200	YES	
				=====			
				43119.			

Tower T3 and T7

Baseline Performance - Performance Rating Method Compliance							
Particulars	Energy Type	Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Average Baseline
Interior Lighting	Electricity	Energy Use (Kwh)	243,012	243,012	243,012	243,012	243,012
Exterior Lighting	Electricity	Energy Use (Kwh)	8,200	8,200	8,200	8,200	8,200
Space Cooling	Electricity	Energy Use (Kwh)	123,450	146,328	144,970	128,192	135,735
Ventilation Fans	Electricity	Energy Use (Kwh)	45,692	45,692	43,560	45,264	45,052
Space Heating	Electricity	Energy Use (Kwh)	23,256	5,144	3,548	17,704	12,413
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	297,156	297,156	297,156	297,156	297,156
Total	Electricity	Energy Use (Kwh)	740,766	745,532	740,446	739,528	741,568

Energy Cost Savings						
End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	190,122	1,368,878	243,012	1,749,686	21.8%	21.8%
Exterior Lighting	1,822	13,118	8,200	59,040	77.8%	77.8%
Space Cooling	110,478	795,442	135,735	977,292	18.6%	18.6%
Ventilation Fans	40,452	291,254	45,052	324,374	10.2%	10.2%
Space Heating	23,462	168,926	12,413	89,374	-89.0%	-89.0%
Miscellaneous Equipment	297,156	2,139,523	297,156	2,139,523	0.0%	0%
Total	663,492	4,777,142	741,568	5,339,290	10.5%	10.5%

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy Type	Energy kWh	Peak kW	Energy kWh	Peak kW	Energy %
	Interior Lighting	Electricity	190,122	54	243,012	64.8
Exterior Lighting	Electricity	1,822	0	8,200	1.9	77.8%
Space Cooling	Electricity	110,478	69	135,735	76.6	18.6%
Ventilation Fans	Electricity	40,452	11	45,052	11.8	10.2%
Space Heating	Electricity	23,462	92	12,413	88.7	-89.0%
Miscellaneous Equipment	Electricity	297,156	84	297,156	83.9	0%
Total Building Consumption		663,492	185	741,568	191.6	10.5%

BASELINE CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance													WEATHER FILE- EPW Ambala,HR,IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL	
EM1 ELECTRICITY														
KWH	121506.	0.	148578.	11628.	61725.	0.	0.	21544.	0.	0.	0.	4100.	369080.	
FM1 NATURAL-GAS														
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL ELECTRICITY			369080. KWH		30.069 KWH		/SQFT-YR GROSS-AREA		30.069 KWH		/SQFT-YR NET-AREA			
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTILING RANGE = 0.00														
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00														
HOURS ANY ZONE ABOVE COOLING THROTTILING RANGE = 0														
HOURS ANY ZONE BELOW HEATING THROTTILING RANGE = 0														
NOTE: ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.														

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW Ambala,HR,IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	369080. KWH	44290.	0.1200	YES
				=====		
				44290.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW Ambala,HR,IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	87418.	0.	148578.	20683.	50382.	0.	0.	19850.	0.	0.	0.	0.	326911.
Comm ELECTRICITY													
KWH	7643.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	911.	8554.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			335465. KWH	27.330 KWH		/SQFT-YR GROSS-AREA			27.330 KWH	/SQFT-YR NET-AREA			
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTILING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTILING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTILING RANGE = 0													

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary					WEATHER FILE- EPW Ambala,HR,IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?	
Electricity Rate	ELECTRICITY	EM1 Comm	335464. KWH	40256.	0.1200	YES	
				=====			
				40256.			

Tower T5

Baseline Performance - Performance Rating Method Compliance							
Particulars	Energy Type	Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Average Baseline
Interior Lighting	Electricity	Energy Use (Kwh)	229,315	229,315	229,315	229,315	229,315
Exterior Lighting	Electricity	Energy Use (Kwh)	6,868	6,868	6,868	6,868	6,868
Space Cooling	Electricity	Energy Use (Kwh)	55,027	60,131	63,920	63,920	60,750
Ventilation Fans	Electricity	Energy Use (Kwh)	17,037	17,336	16,403	16,403	16,795
Space Heating	Electricity	Energy Use (Kwh)	3,588	1,546	744	744	1,656
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	318,640	318,640	318,640	318,640	318,640
Total	Electricity	Energy Use (Kwh)	630,475	633,836	635,890	635,890	634,023

Energy Cost Savings						
End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	179,454	1,292,069	229,315	1,651,068	21.7%	21.7%
Exterior Lighting	2,032	14,630	6,868	49,450	70.4%	70.4%
Space Cooling	42,963	309,334	60,750	437,396	29.3%	29.3%
Ventilation Fans	13,375	96,300	16,795	120,922	20.4%	20.4%
Space Heating	8,913	64,174	1,656	11,920	-438.4%	-438.4%
Miscellaneous Equipment	318,640	2,294,208	318,640	2,294,208	0.0%	0%
Total	565,377	4,070,714	634,023	4,564,964	10.8%	10.8%

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy Type	Energy kWh	Peak kW	Energy kWh	Peak kW	Energy %
	Interior Lighting	Electricity	179,454	51.7	229,315	66.0
Exterior Lighting	Electricity	2,032	0.5	6,868	1.6	70.4%
Space Cooling	Electricity	42,963	25.1	60,750	31.7	29.3%
Ventilation Fans	Electricity	13,375	3.7	16,795	4.7	20.4%
Space Heating	Electricity	8,913	34.0	1,656	25.4	-438.4%
Miscellaneous Equipment	Electricity	318,640	90.9	318,640	90.9	0%
Total Building Consumption		565,377	143.1	634,023	159.0	10.8%

BASELINE CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW Ambala,HR,IND	
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	229315.	0.	318640.	3588.	55027.	0.	0.	17037.	0.	0.	0.	6868.	630474.
FM1 NATURAL-GAS THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			630474. KWH	41.526 KWH /SQFT-YR GROSS-AREA			41.526 KWH /SQFT-YR NET-AREA						
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0													

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW Ambala,HR,IND		
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	630474. KWH	75657.	0.1200	YES
				=====		
				75657.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance										WEATHER FILE- EPW <u>Ambala</u> , HR, IND			
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
<u>Comm</u> ELECTRICITY													
KWH	10386.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2032.	12418.
EM1 ELECTRICITY													
KWH	169069.	0.	318640.	8913.	42963.	0.	0.	13375.	0.	0.	0.	0.	552962.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL ELECTRICITY			565379. KWH	37.238 KWH /SQFT-YR GROSS-AREA			37.238 KWH /SQFT-YR NET-AREA						
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00													
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00													
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0													
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0													

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW <u>Ambala</u> , HR, IND			
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?	
Electricity Rate	ELECTRICITY	EM1 <u>Comm</u>	565381. KWH	67846.	0.1200	YES	
				=====			
				67846.			

Tower T-9

Baseline Performance - Performance Rating Method Compliance							
Particulars	Energy Type	Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Average Baseline
Interior Lighting	Electricity	Energy Use (Kwh)	205,783	205,783	205,783	205,783	205,783
Exterior Lighting	Electricity	Energy Use (Kwh)	3,574	3,574	3,574	3,574	3,574
Space Cooling	Electricity	Energy Use (Kwh)	79,752	77,880	92,551	83,021	83,301
Ventilation Fans	Electricity	Energy Use (Kwh)	22,382	19,967	22,659	20,340	21,337
Space Heating	Electricity	Energy Use (Kwh)	3,206	2,036	892	784	1,730
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	260,775	260,775	260,775	260,775	260,775
Total	Electricity	Energy Use (Kwh)	575,472	570,015	586,234	574,277	576,500

Energy Cost Savings						
End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	139,842	1,006,862	205,783	1,481,638	32.0%	32.0%
Exterior Lighting	1,752	12,614	3,574	25,733	51.0%	51.0%
Space Cooling	69,638	501,394	83,301	599,767	16.4%	16.4%
Ventilation Fans	24,723	178,006	21,337	153,626	-15.9%	-15.9%
Space Heating	4,479	32,249	1,730	12,452	-159.0%	-159.0%
Miscellaneous Equipment	260,775	1,877,580	260,775	1,877,580	0.0%	0%
Total	501,209	3,608,705	576,500	4,150,796	13.1%	13.1%

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy Type	Energy kWh	Peak kW	Energy kWh	Peak kW	Energy %
	Interior Lighting	Electricity	139,842	38.3	205,783	50.4
Exterior Lighting	Electricity	1,752	0.4	3,574	0.8	51.0%
Space Cooling	Electricity	69,638	39.5	83,301	43.3	16.4%
Ventilation Fans	Electricity	24,723	5.7	21,337	6.1	-15.9%
Space Heating	Electricity	4,479	38.6	1,730	26.5	-159.0%
Miscellaneous Equipment	Electricity	260,775	74.3	260,775	74.3	0%
Total Building Consumption		501,209	125.5	576,500	143.8	13.1%

BASELINE CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance													WEATHER FILE- EPW <u>Ambala</u> ,HR,IND		
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL		
EM1 ELECTRICITY															
KWH	205783.	0.	260775.	3206.	79752.	0.	0.	22382.	0.	0.	0.	3574.	575470.		
FM1 NATURAL-GAS															
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
TOTAL ELECTRICITY			575470. KWH	37.055 KWH /SQFT-YR GROSS-AREA			37.055 KWH /SQFT-YR NET-AREA								
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00															
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00															
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0															
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0															

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary							WEATHER FILE- EPW <u>Ambala</u> ,HR,IND	
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?		
Electricity Rate	ELECTRICITY	EM1	575470. KWH	69056.	0.1200	YES		
				=====				
				69056.				

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance												WEATHER FILE- EPW Ambala,HR,IND			
	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL		

Comm	ELECTRICITY														
KWH	18742.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1752.	20494.		
EM1	ELECTRICITY														
KWH	121102.	0.	260775.	4479.	69638.	0.	0.	24723.	0.	0.	0.	0.	480715.		
FM1	NATURAL-GAS														
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	

	TOTAL ELECTRICITY		501209. KWH		32.274 KWH		/SQFT-YR GROSS-AREA		32.274 KWH		/SQFT-YR NET-AREA				
PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00															
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00															
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0															
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0															

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary				WEATHER FILE- EPW Ambala,HR,IND			
UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE (\$)	VIRTUAL RATE (\$/UNIT)	RATE USED ALL YEAR?	
Electricity Rate	ELECTRICITY	EM1 Comm	501209. KWH	60145.	0.1200	YES	
				=====			
				60145.			

Overall Saving

Percentage Improvement				
Particulars	Energy Type	Annual Energy & Peak Demand	Proposed building results (All Blocks)	Baseline building results (All Blocks)
Interior Lighting	Electricity	Energy Use (Kwh)	1069011	1352066
Exterior Lighting	Electricity	Energy Use (Kwh)	13419	48391
Space Cooling	Electricity	Energy Use (Kwh)	466488	616003
Ventilation Fans	Electricity	Energy Use (Kwh)	162691	209359
Space Heating	Electricity	Energy Use (Kwh)	69526	33688
Miscellaneous Equipment	Electricity	Energy Use (Kwh)	1931989	1931989
Total	Electricity	Energy Use (Kwh)	3713124	4191496
Savings	Electricity	Energy Use (Kwh)	478372	11.4%

End Use	Proposed Building		Baseline Building		% Improvement	
	Energy Use	Energy Cost	Energy use	Energy Cost	Energy %	Cost %
	kWh	(Rs./yr)	kWh	(Rs./yr)		
Interior Lighting	1069011	7696879	1352066	9734875	20.9%	20.9%
Exterior Lighting	13419	96617	48391	348415	72.3%	72%
Space Cooling	466488	3358714	616003	4435223	24.3%	24.3%
Ventilation Fans	162691	1171375	209359	1507381	22.3%	22%
Space Heating	69526	500587	33688	242555	-106.4%	-106.4%
Miscellaneous Equipment	1931989	13910321	1931989	13910321	0%	0%
Total	3713124	26734493	4191496	30178771	11.4%	11.4%
Total cost savings (INR)				3,444,278		

Energy Cost Savings: Energy cost has been taken as 7.2 Rs. per kWh (\$ 0.12 / kWh) for Proposed and Baseline cases.

We have considered the impact of the window frames on the whole assembly as required by ASHRAE modeling protocol. We have taken the window frame type as Aluminum without break (as per eQuest 3.63 DOE2 Glass library). Once we input the center glass U-value, it automatically updates the U value for glass+frame (NFRC) by multiplying the center glass U-value by adjustment factors. Hence, the frame effects are captured within the energy modeling software.

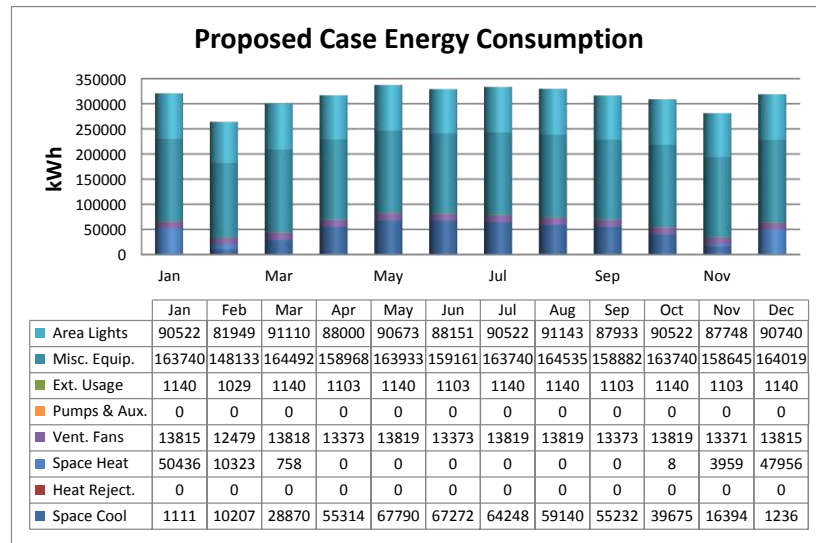
Points are awarded based on energy cost percentage savings as detailed below:

For the proposed design, as the energy cost savings % is more than 10, 4 points may be awarded to the project.

Points for % improvement over mandatory requirements	Points
2.5%	1
5 %	2
7.5 %	3
10 %	4
12.5 %	5
15 %	6
17.5 %	7
20 %	8
22.5 %	9
25 %	10

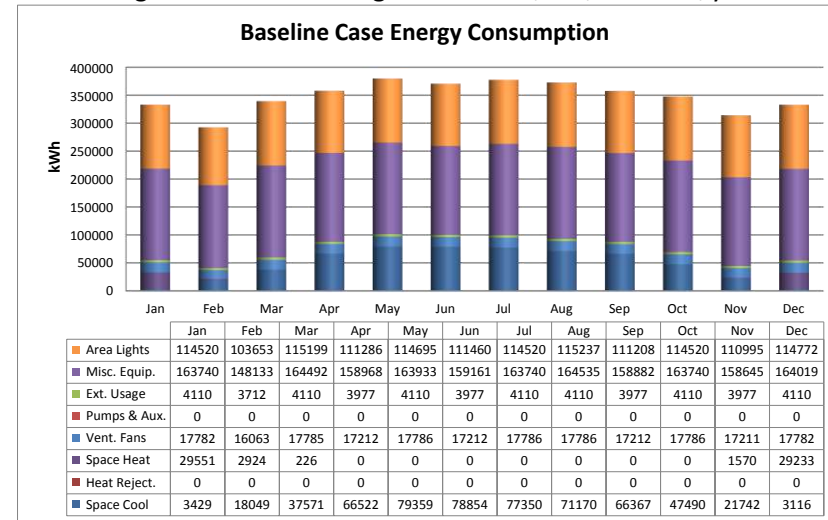
Graphical Representation:

Energy Consumption: The Base case model is based upon the proposed design, but the performance parameters listed are defined to reflect the minimum efficiency levels that IGBC Green Homes, 2019 defines for various building components. Based on the energy simulation results, it is observed that the

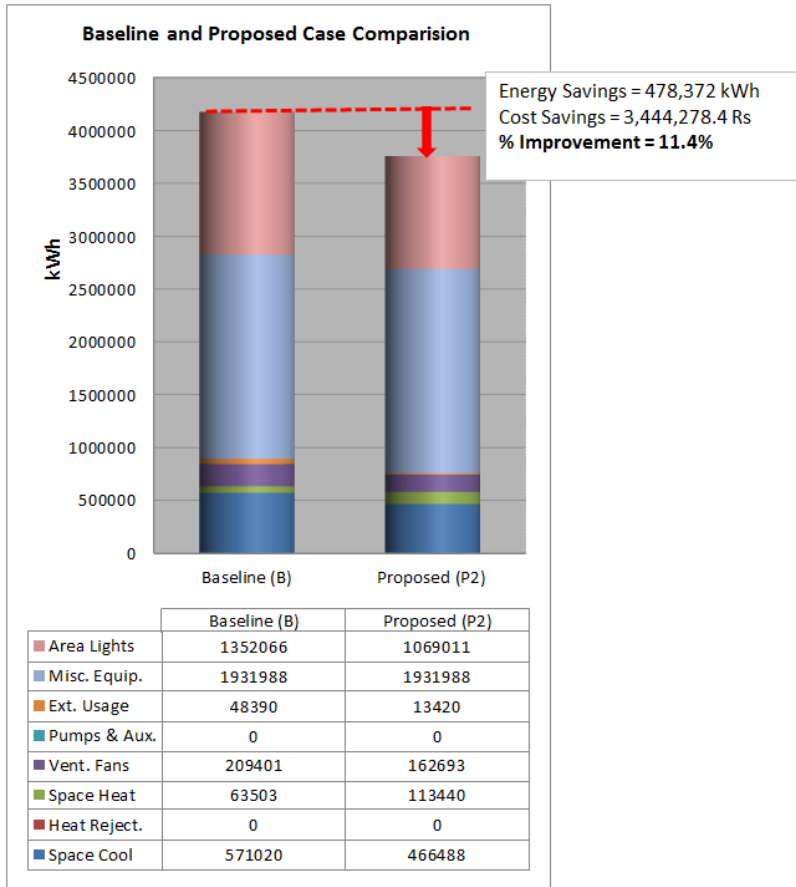


proposed building consumes 3,713,124 kWh/yr.

The average base case building consumes 4,191,496 kWh/yr.

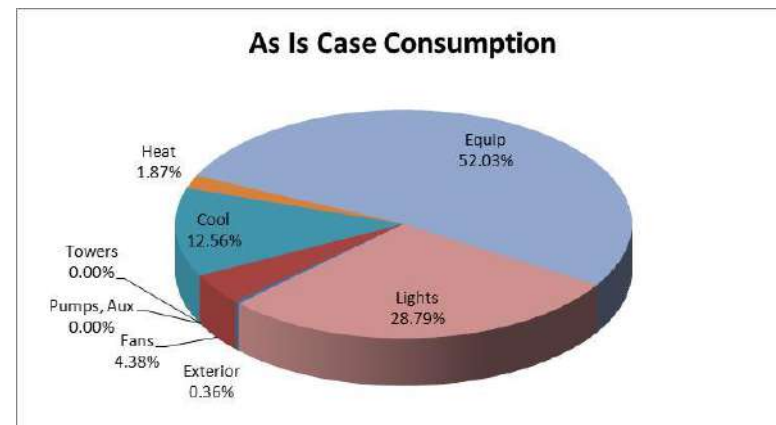
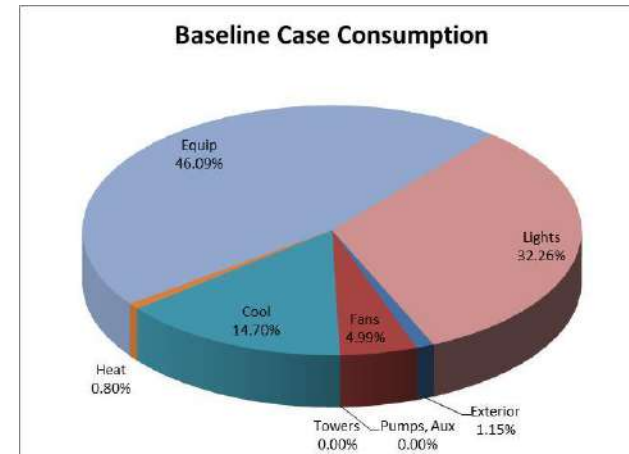


Energy Saving Comparison: The As Is case shows annual utility cost savings of 11.4 % over the Base case.

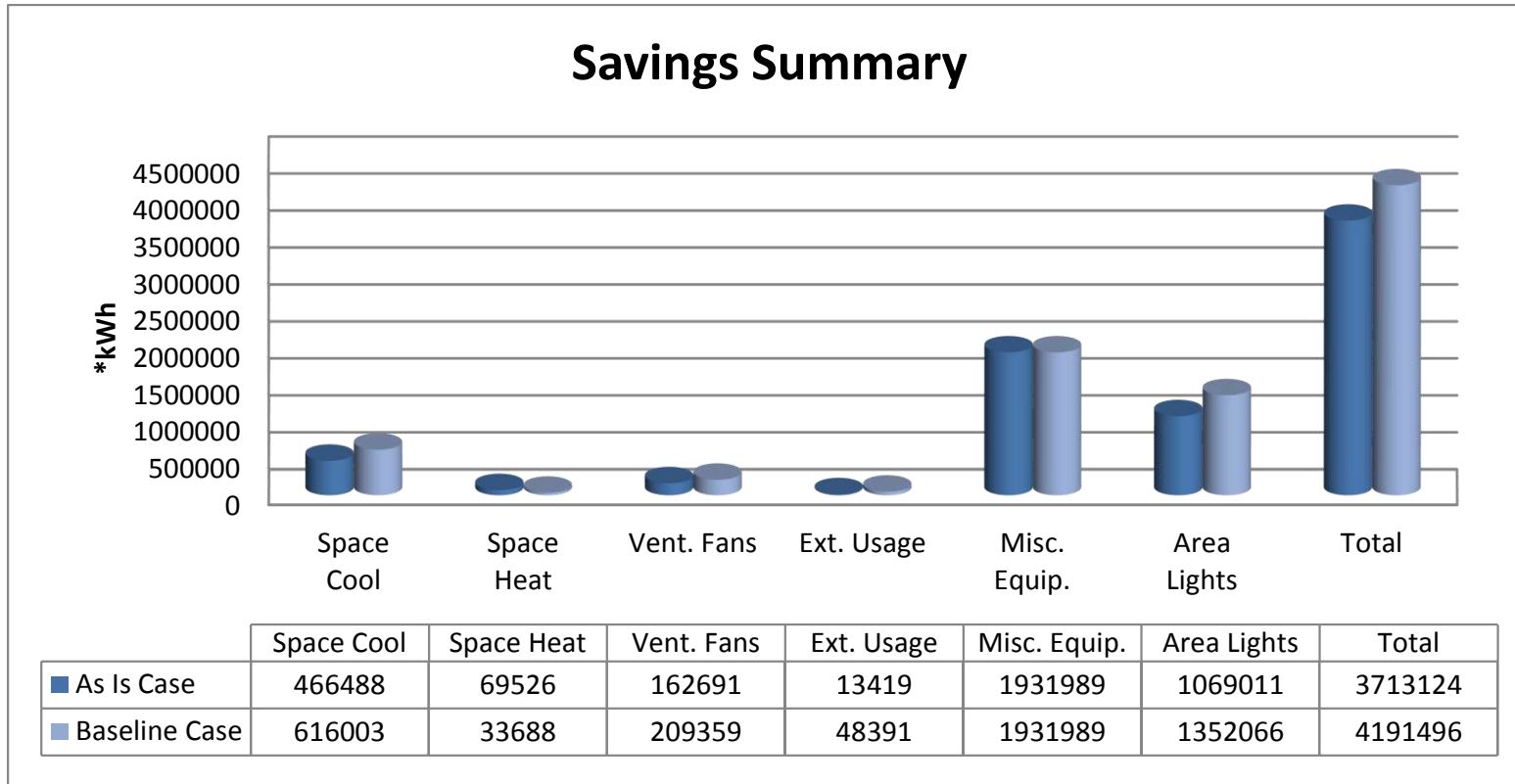


The primary energy end-uses for Base case are interior lighting (32.2%), followed by equipment (46%), cooling (14.7%), fan (4.9%), exterior (1.15%) and heat (0.8%) as illustrated by the following charts.

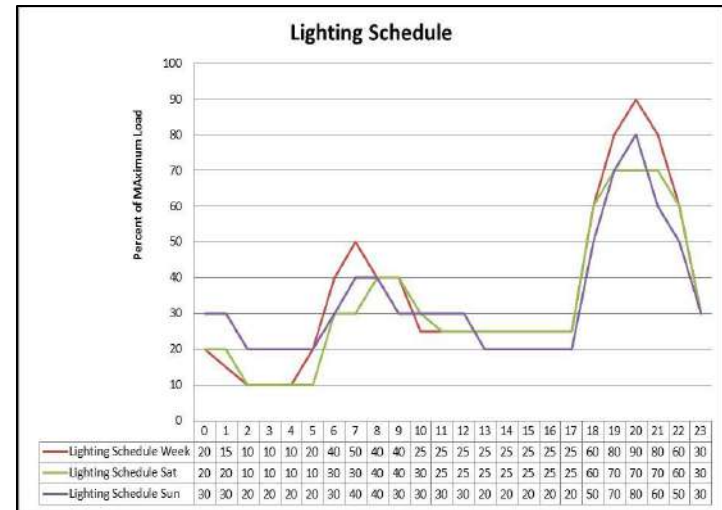
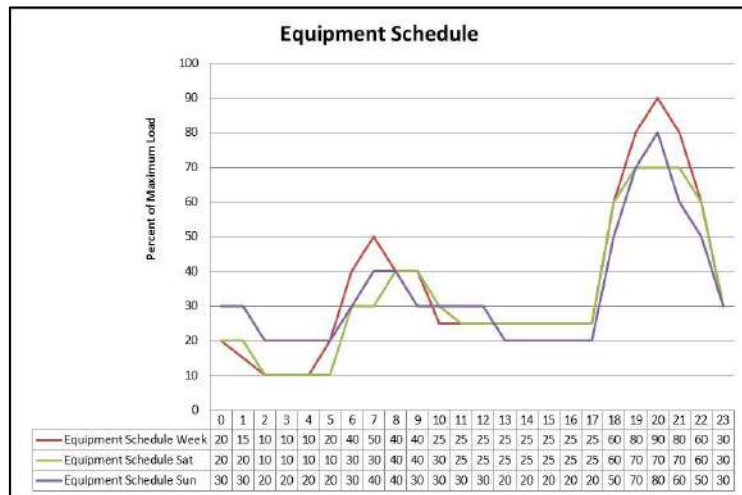
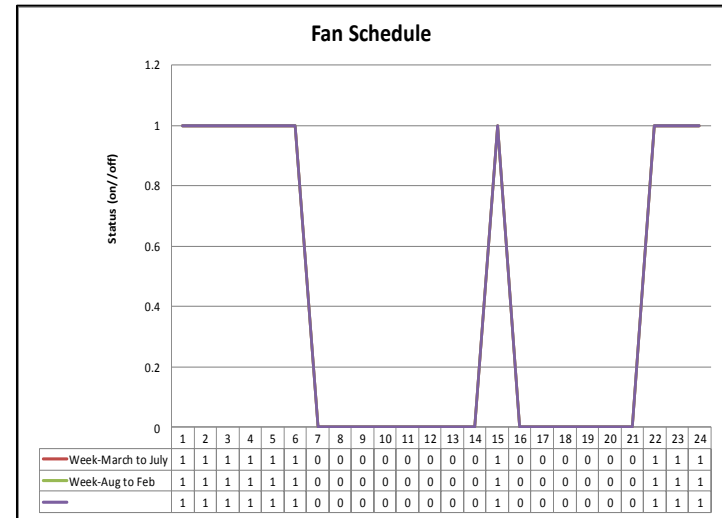
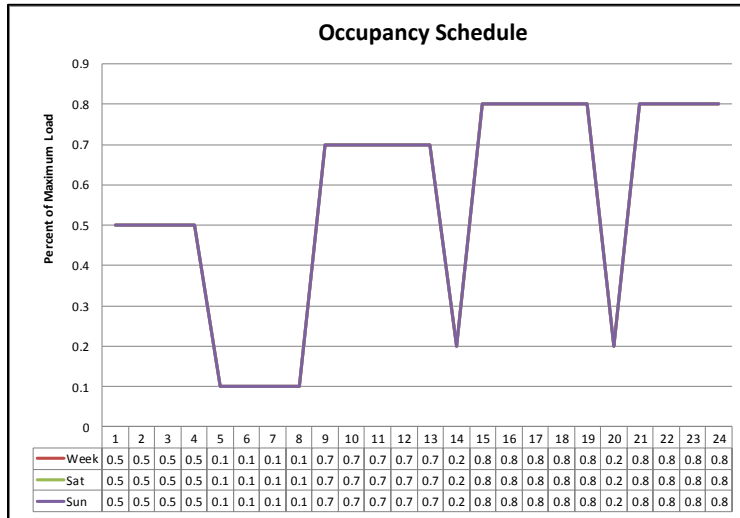
The primary energy end-uses for As Is case are cooling (12.5%), followed by equipment (52%), fan (4.3%), interior lighting (28.7%), exterior (0.36%) and heat (1.8%) as illustrated by the following charts.



Savings Summary:



Schedules: (Residential building)



END OF REPORT

A.K.B CONSULTANTS

(STRUCTURAL ENGINEERING & PROJECT MANAGEMENT CONSULTANTS)
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Email- ak_bc@yahoo.com, akbcoffice@gmail.com

Date: 01.06.2022

STRUCTURAL STABILITY STRUCTURE

TO WHOMSOEVER IT MY CONCERN

It is certified that the building plans of **Tower T6 (Triomphe D), T7 (Triomphe C) & T8 (Triomphe B) with basement for Group Housing Project "La Parisian" of Ambika Realcon Developers Private Limited at GH-2, I.T. City, Sector -66 Beta, Mohali, Distt. SAS Nagar, Punjab** being designed by **M/s K Design**, have been structurally designed as per provisions prescribed in the National Building Code and relevant IS Codes for all seismic load, all dead loads and live loads, wind pressure and structure safety from earth quake of intensity expected under relevant zone.

It is certified that the design of above mentioned buildings with basement is structurally safe and stable.



Signature of Structural Engineer with stamp.

T. D. ANEJA
M.E. STRUCTURES
I.E.I. REGN. No. F-1094277

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Date: 13.09.2023

STRUCTURAL STABILITY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Ref.: Group Housing Project “La Parisian” of Ambika Realcon Developers Private Limited at GH-02, IT CITY, SECTOR-66 BETA, MOHALI, DISTT.- S.A.S. NAGAR, PUNJAB, INDIA

We hereby certify that the structural design of Non-Tower area structure has been designed considering 600mm soil filling on slab and load due to fire tender movement (fire tender load of maximum 50 T). The BIS codes considered in design of structure are IS 4326-1993, IS 13920-2016 (Ductile Detailing of Reinforced Concrete Structures Subject to Seismic forces, IS 456-2000 (Code of practice for Plain and Reinforced Concrete) and IS 875(Part 1,2,5)-1987 (Code of Practice for Design Loads).

The said structures are safe and stable for the purpose for which intended.

This is correct to the best of my knowledge and belief today.

Thanking You,



Signature of Structural Engineer with stamp

ER. DEEPANSHU GARG
B.Tech, M.Tech (Str, DTU)
AMIE No. AMI754656

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Date: 26.02.2024

STRUCTURAL STABILITY CERTIFICATE

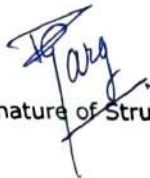
TO WHOMSOEVER IT MAY CONCERN

Ref.: Community Centre at Group Housing Project "La Parisian" of Ambika Realcon Developers Private Limited at GH-2, I.T. City, Sector -66 Beta, Mohali, Distt. SAS Nagar, Punjab.

We hereby certify that the structural design for La Parisian **Community Centre** comprises of Basement + Ground +1 floor structure, has been designed with due consideration to seismic forces as per prevalent I.S. Code No.- 4326-1993, I. S. Code 1893 (Part-1) -2016, (The code for Earthquake Resistant Structure), 13920-2016 (Ductile Detailing of Reinforced Concrete Structures Subject to Seismic forces), 456-2000 (Code of practice for Plain and Reinforced Concrete) and 875-1987 (Code of Practice for Design Loads).

The said structures are safe and stable for the purpose for which it is intended.

Thanking You,



Signature of Structural Engineer with stamp

ER. DEEPANSHU GARG
B.Tech, M.Tech (Str, DTU)
AMIE No. AMI754656

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
REGD.O. 394-395P/40, GURGAON
PH.: +91-124-4370550

A.K.B CONSULTANTS

(STRUCTURAL ENGINEERING & PROJECT MANAGEMENT CONSULTANTS)
KESHAV COMPLEX, MEHRAULI-GURGAON ROAD, GURGAON
REGD.OFF: 394- 395P, SECTOR-40, GURGAON
PH: +91-124-4370550, +91-9910070550
Email- ak_bc@yahoo.com, akbcoffice@gmail.com

Date : 10/08/2023

STRUCTURAL STABILITY CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

Ref.: Tower T1 (Savoye A), T2 (Savoye B) & T3 (Savoye C) at Group Housing Project "La Parisian" of Ambika Realcon Developers Private Limited at GH-2, I.T. City, Sector -66 Beta, Mohali, Distt. SAS Nagar, Punjab"

We hereby certify that the structural design for La Parisian **Tower T1 (Savoye A), T2 (Savoye B) & T3 (Savoye C)**, comprises of Basement + Ground +15 floor structure, has been designed by us with due consideration to seismic forces as per prevalent I.S. Code No.- 4326-1993. I. S. Code 1893(Part-1)-2016, (The code for Earthquake Resistant Structure), 13920-2016 (Ductile Detailing of Reinforced Concrete Structures Subject to Seismic forces, 456-2000 (Code of practice for Plain and Reinforced Concrete) and 875-1987 (Code of Practice for Design Loads).

The said structures are safe and stable for the purpose for which it is intended.

This is to the best of my knowledge and belief today.

Thanking You,



Signature of Structural Engineer with stamp

ER. NITISH AGARWAL
B.Tech, M.Tech (Str. IT Roorkee)
AMIE No.: AMI754664

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
REGD.O. 394-395P/40, GURGAON
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A.K.B CONSULTANTS

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KESHAV COMPLEX, MEHRAULI-GURGAON ROAD, GURGAON
REGD.OFF: 394- 395P, SECTOR-40, GURGAON
PH: +91-124-4370550, +91-9910070550
Email- ak_bc@yahoo.com, akbcoffice@gmail.com

Date : 04/11/2023

STRUCTURAL STABILITY CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

Ref.: Tower T4 (Savoye D) & T5 (Versailles) at Group Housing Project "La Parisian" of Ambika Realcon Developers Private Limited at GH-2, I.T. City, Sector -66 Beta, Mohali, Distt. SAS Nagar, Punjab"

We hereby certify that the structural design for La Parisian **Tower T4 (Savoye D) & T5 (Versailles)**, comprises of Basement + Ground +15 floor structure, has been designed by us with due consideration to seismic forces as per prevalent B.I.S. Codes IS 4326-1993, IS 1893(Part-1)-2016, (The code for Earthquake Resistant Structure), IS 13920-2016 (Ductile Detailing of Reinforced Concrete Structures Subject to Seismic forces), IS 456-2000 (Code of practice for Plain and Reinforced Concrete) and 875-1987 (Code of Practice for Design Loads).

The said structures are safe and stable for the purpose for which it is intended.

This is to the best of my knowledge and belief today.

Thanking You,

Nitish

Signature of Structural Engineer with stamp

ER. NITISH AGARWAL
B.Tech, M.Tech (Str, IIT Roorkee)
AMIE No.: AMI754664

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
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A.K.B CONSULTANTS

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Email- ak_bc@yahoo.com, akbcoffice@gmail.com

Date: 18.05.2023

STRUCTURAL STABILITY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Ref.: Tower T9 (Triomphe A) & Commercial (Booths 1 to 18) at Group Housing Project "La Parisian" of Ambika Realcon Developers Private Limited at GH-2, I.T. City, Sector -66 Beta, Mohali, Distt. SAS Nagar, Punjab"

We hereby certify that the structural design for La Parisian Tower T9 (Triomphe A), comprising of Basement + Ground +15 floors structure & Single Storey Commercial (Booths 1 to 18) have been designed with due consideration to seismic forces as per prevalent I.S. Code No.- 4326-1993. I. S. Code 1893(Part-1)-2016, (The code for Earthquake Resistant Structure), 13920-2016 (Ductile Detailing of Reinforced Concrete Structures Subject to Seismic forces, 456-2000 (Code of practice for Plain and Reinforced Concrete) and 875-1987 (Code of Practice for Design Loads).

The said structures are designed to be safe and stable for the purpose for which it is intended. This is to the best of my knowledge and belief today.

Thanking You,



Signature of Structural Engineer with stamp

ER. NITISH AGARWAL
B.Tech, M.Tech (Str, IIT Roorkee)
AMIE No.: AMI754664

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
REGD.O. 394-395P/40, GURGAON
PH.: +91-124-4370550



Punjab Fire Services
(MOHALI MUNICIPAL CORPORATION)
FIRE SAFETY CERTIFICATE
ਫਾਇਰ ਸੇਫਟੀ ਪਮਾਣ ਪੱਤਰ



NOC No:PB-FN-2023-09-18-059646

NOC Type:RENEWAL

Dated: 17/9/2024

Certified that the **Ambika Realcon Developers Pvt Ltd(SAVOYE Tower-1,2,3)**at: **Group Housing-2, Sector-66 Beta, IT City, Mohali, SECTOR 66 - B1 - A2, La-Parisian, Mohali, Mohali, 140308**, comprised of **1** basements and **16** (Upper floor) owned/occupied by **Harsh Bhargav** have compiled with the fire prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on **17/9/2024** in the presence of **Harsh Bhargav** (Name of the owner or his representative) and that the building/premises is fit for occupancy **Zone 1** subdivision **(2)** (As per NBC) for period of **one year** from issue date. Subject to the following conditions.

Issued on two**17/9/2024** at **MOHALI MUNICIPAL CORPORATION**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **Ambika Realcon Developers Pvt Ltd(SAVOYE Tower-1,2,3) Group Housing-2, Sector-66 Beta, IT City, Mohali, SECTOR 66 - B1 - A2, La-Parisian, Mohali, Mohali, 140308**, ਸਮੇਤ **1** ਬੇਸਮਟ ਅਤੇ **16** (ਉਪਰਲੀ ਮੰਜ਼ਿਲ) ਮਲਕੀਅਤ/ਕਬਜ਼ਾਦਾਰ **Ambika Realcon Developers Pvt Ltd** ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵ ਅਤੇ ਬਚਾਅ ਦੀਆਂ ਲੋੜਾਂ ਨੂੰ ਪੂਰਾ ਕਰਦੀ ਹੈ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਫਾਇਰ ਅਧਿਕਾਰੀ ਵੱਲੋਂ **Harsh Bhargav** (ਮਾਲਕ ਜਾਂ ਉਸ ਦੇ ਪ੍ਰਤਿਨਿਧੀ ਦਾ ਨਾਮ) ਦੀ ਮੌਜੂਦਗੀ ਵਿੱਚ **17/9/2024** ਨੂੰ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਅਤੇ ਇਮਾਰਤ / ਬਿਲਡਿੰਗ **Zone 1** subdivision **(2)** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੀ ਆਬਾਦੀ ਲਈ Issue date ਤੋਂ ਇੱਕ ਸਾਲ ਤੱਕ ਯੋਗ ਹੈ ਜਿਸ ਲਈ ਨਿਮਨ ਅਨੁਸਾਰ ਹਦਾਇਤਾਂ ਹਨ।

MOHALI MUNICIPAL CORPORATION ਵਿਖੇ ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **17/9/2024**.

1. Fire Safety arrangements shall be kept in working condition at all times

ਹਰ ਸਮੇਂ ਅੱਗ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ / ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।

2. No, alteration/ addition/ change in use of occupancy is allowed.

ਕਿਸੇ ਵੀ ਤਰਾਂ ਦੇ ਬਦਲਾਅ/ ਵਾਧੇ/ ਕਬਜ਼ਾਦਾਰ ਵਿੱਚ ਬਦਲਾਵ ਦੀ ਮਨਾਹੀ ਹੈ।

3. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in.

ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰ ਦੀ ਵਰਤੋਂ ਲਈ ਰਿਹਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।

4. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found.

ਫਾਇਰ ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

5. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate.

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

* Above Details cannot be used as ownership proof.

ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

This is digitally created certificate, no signature are needed

ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।



Punjab Fire Services
(Mohali MC)

FIRE SAFETY CERTIFICATE
ਫਾਇਰ ਸੇਫਟੀ ਪ੍ਰਮਾਣ ਪੱਤਰ

NOC No **2004-83727-Fire/66116**

NOC Type: New

Dated **05-Apr-2024**

Certified that the **La Parisian** at **GH-02, IT City, Sector-66 BETA, Mohali, S.A.S. Nagar** has been inspected by the fire officer and is found to be compiled with fire prevention and fire safety equipments of National Building Code and verified by officer concerned of fire service on **05-Apr-2024** in the presence of **Amninder Singh Rathore** and is fit to occupancy group **Residential Building-A** subdivision **A-4** (As per NBC) for period of **one year** from issue date.

Issued on **05-Apr-2024** at **Mohali MC**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **La Parisian** ਜੋ ਕਿ **GH-02, IT City, Sector-66 BETA, Mohali, S.A.S. Nagar** ਵਿਖੇ ਸਥਾਪਤ ਹੈ, ਜਿਸ ਦੀ ਫਾਇਰ ਅਫਸਰ ਵਲੋਂ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਅਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਇੱਥੇ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਪ੍ਰਬੰਧ ਕੀਤੇ ਗਏ ਹਨ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਉ ਅਧਿਕਾਰੀ ਵੱਲੋਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਮਿਤੀ **05-Apr-2024** ਮੌਜੂਦਗੀ ਵਿੱਚ **Amninder Singh Rathore** (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਇਸ ਨੂੰ ਆਬਾਦੀ ਲਈ ਯੋਗ ਪਾਇਆ ਗਿਆ। Occupancy Group **Residential Building-A** subdivision **A-4** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ **ਇੱਕ ਸਾਲ** ਤੱਕ।

ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **05-Apr-2024** ਕਿੱਥੇ **Mohali MC**.

This project comprise of **2** towers/blocks with number of floors as given below.

ਇਸ ਪ੍ਰੋਜੈਕਟ ਵਿੱਚ **2** ਟਾਵਰ/ਬਲਾਕ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹਨ:

Block Name	No. Of Floors	Area (sq. mtr.)
Savoye-D T-4 (1 Basement+Ground+15)	16	10015.00
Versailles T-5 (1 Basement+Ground+15)	16	14564.00

NOC is issued subject to following conditions:
ਐਨ.ਓ.ਸੀ ਹੇਠ ਲਿਖੀਆ ਸ਼ਰਤਾਂ ਦੇ ਆਧਾਰ ਤੇ ਜਾਰੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।

1. Fire Safety arrangements shall be kept in working condition at all the times.
ਹਰ ਸਮੇਂ ਅੱਗ ਤੋਂ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ/ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।
2. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in.

ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰਾਂ ਦੀ ਵਰਤੋਂ ਤੋਂ ਰਹਿਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕਾਂ ਨੂੰ ਜਾਣੂੰ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।

3. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found.

ਫਾਇਰ ਬਿਗੋਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

4. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate.

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

*** Above Details cannot be used as ownership proof.**

ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

* This is digitaly created cerificate, no signatue are needed

ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।



Punjab Fire Services (Mohali MC)



FIRE SAFETY CERTIFICATE ਫਾਇਰ ਸੇਫਟੀ ਪ੍ਰਮਾਣ ਪੱਤਰ

NOC No **2004-95280-Fire/71853**

NOC Type: **New**

Dated **12-Jul-2024**

Certified that the **La Parisian** at #GH-02, Sector 66-Beta, IT City, Mohali, S.A.S. Nagar has been inspected by the fire officer and is found to be complied with fire prevention and fire safety equipments of National Building Code and verified by officer concerned of fire service on **11-Jul-2024** in the presence of **Harsh Bhargav** and is fit to occupancy group **Residential Building A4** subdivision **04** (As per NBC) for period of **one year** from issue date.

Issued on **12-Jul-2024** at **Mohali MC**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **La Parisian** ਜੋ ਕਿ #GH-02, Sector 66-Beta, IT City, Mohali, S.A.S. Nagar ਵਿਖੇ ਸਥਾਪਤ ਹੈ, ਜਿਸ ਦੀ ਫਾਇਰ ਅਫਸਰ ਵਲੋਂ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਅਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਇੱਥੇ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਪ੍ਰਬੰਧ ਕੀਤੇ ਗਏ ਹਨ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਉ ਅਧਿਕਾਰੀ ਵਲੋਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਮਿਤੀ **11-Jul-2024** ਮੌਜੂਦਗੀ ਵਿੱਚ **Harsh Bhargav** (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਇਸ ਨੂੰ ਆਬਾਦੀ ਲਈ ਯੋਗ ਪਾਇਆ ਗਿਆ। Occupancy Group **Residential Building A4** subdivision **04** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ **ਇੱਕ ਸਾਲ** ਤੱਕ।

ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **12-Jul-2024** ਕਿੱਥੇ **Mohali MC**.

This project comprise of **4** towers/blocks with number of floors as given below.

ਇਸ ਪ੍ਰੋਜੈਕਟ ਵਿੱਚ **4** ਟਾਵਰ/ਬਲਾਕ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹਨ:

Block Name	No. Of Floors	Area (sq. mtr.)
Triomphe Tower-6 (B+G+15)	16	9978.00
Triomphe Tower-7 (B+G+15)	16	8029.00
Triomphe Tower-8 (B+G+15)	16	9579.00
Triomphe Tower-9 (B+G+15)	16	11065.00

NOC is issued subject to following conditions:

ਐਨ.ਓ.ਸੀ ਹੇਠ ਲਿਖੀਆ ਸ਼ਰਤਾਂ ਦੇ ਆਧਾਰ ਤੇ ਜਾਰੀ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।

1. Fire Safety arrangements shall be kept in working condition at all the times.
ਹਰ ਸਮੇਂ ਅੱਗ ਤੋਂ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ /ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।
2. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in.

ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰਾਂ ਦੀ ਵਰਤੋਂ ਤੋਂ ਰਹਿਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕਾਂ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।

3. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found.

ਫਾਇਰ ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

4. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate.

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

*** Above Details cannot be used as ownership proof.**

ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

* This is digitaly created cerificate, no signatue are needed

ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।

GREATER MOHALI AREA DEVELOPMENT AUTHORITY
PUDA BHAWAN, SECTOR – 62, S.A.S.NAGAR

GMADA

FORM-H

SEE RULE -8(2), 7(3) & 45(5)

PARTIAL COMPLETION CERTIFICATE FROM COMPETENT AUTHORITY.

To

M/s Ambika Realcon Developers Pvt.Ltd.
SCO No. 18-19, First Floor, Sector-9 D,
Chandigarh-160009.

Memo No.: GMADA/C.A./2024/ 46298 Date: 22/04/2024

Sub: Issuance of Partial Completion Certificate of Group Housing – Ambika Realcon Developers Pvt. Ltd Project name “La Parisian” for Tower No. 1, 2 & 3 (Basement + Ground + 15 Floors), measuring 6.93 acres situated at Sector-66 Beta, IT City, SAS Nagar.

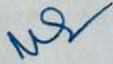
Ref: Your application No 566911 dated 20.09.2023.

Whereas M/s Ambika Realcon Developers Pvt.Ltd has applied for the issuance of Partial Completion Certificate for Group Housing – Ambika Realcon Developers Pvt.Ltd Project name “La Parisian” for Tower No. 1,2 & 3 (Basement + Ground + 15 Floors) measuring 6.93 acres situated at Sector-66 Beta, IT City, SAS Nagar.

Based on the reports of the members i.e. Superintendent Engineer (C-2), GMADA and Senior Town, Planner SAS Nagar inspection committee and recommendations of Additional Chief Administrator, GMADA and Estate Officer (Plots), GMADA, Mohali the Partial Completion is hereby granted for Group Housing – Ambika Realcon Developers Pvt.Ltd Project name “La Parisian” for Tower No. 1,2 & 3 (Basement + Ground + 15 Floors) measuring 6.93 acres situated at Sector-66 Beta, IT City, SAS Nagar on the following conditions:-

1. The building shall be used only for the purpose, for which the Partial Completion Certificate is being granted.
2. This permission shall not provide any immunity from any other Act/Rules/ Regulations applicable to the land in question.
3. That the company shall obtain any other permission required under any other act at its own level.
4. That the company shall also maintain the internal services including HVAC system to the satisfaction of the Competent Authority.
5. That the company shall be solely responsible for disposal of storm/ rain water of its site till such time these services are made available by concerned Authority and shall not obstruct the flow of rain/ storm water of the surrounding area.
6. Promoter shall be liable to maintain rain harvesting/recharge well time to time.
7. That the company would make its own suitable provisions for drinking water supply and disposal of Sewage, maintaining park and Horticulture area & Solid Waste Management. Sewage Treatment Plant should be operational and working and treated water from Sewage Treatment Plant should be only used for flushing and irrigation purpose.
8. Promoter is liable to comply Solid Waste Management Rules 2016 (with latest amendments), arrangement of Solid Waste by promoter at their own level.
9. Promoter is liable to comply the compliance of Environment Clearance issued by Competent Authority.

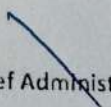
10. Stored water for drinking purpose should be disinfection time to time as per requirements.
11. That each part of building shall be used as per provisions of approved Zoning Plan and Sanctioned Building Plans/ Partial Completion Plans only and not for any other purpose.
12. That the company shall neither erect nor allow the erection of the communication and transmission towers on the top of the building blocks.
13. That the company shall be liable to pay arrears and any other taxes/ charges imposed by the Govt. / Competent Authority or any Department/ Agency if found due at any stage.
14. Promoter shall be responsible for all Building Civil & Public Health Works and maintain them accordingly.
15. That the company shall get the test certificate for commissioning of transformer renewed from Chief Electrical Inspector, Punjab.
16. That the company shall be bound to maintain common areas e.g.: parks/open spaces/ parking areas etc. completely as per the approved plans.
17. That the company shall be responsible for the public safety within the campus.
18. That the company shall seek occupancy certificate from the competent authority before occupying the said floors /units/ buildings/ flats/Booths.
19. That the company shall be bound to provide the parking as per approved building plans.
20. That the changes on the ground have been compounded by the Estate office, GMADA as per compounding policy.
21. That out of above if any condition will not be fulfilled, then this Partial Completion Certificate shall deemed to be cancelled.
22. Final completion of the Group Housing project will be issued only after depositing additional F.A.R charges (if any).
23. Promoter is liable to take permissions/NOC from Punjab Pollution Control Board and other statutory Authorities.


Chief Administrator,
GMADA, S.A.S. Nagar

Date:

Endst. No. GMADA/C.A/2024/

Copy is forwarded to the Secretary, RERA Punjab, Plot No. 3, 1st Floor, Sec-18 A, Chandigarh for information and further necessary action.


Chief Administrator,
GMADA, S.A.S. Nagar.

Page 2/2



GREATER MOHALI AREA DEVELOPMENT AUTHORITY
PUDA BHAWAN, SECTOR – 62, S.A.S.NAGAR

FORM-H
SEE RULE -8(2), 7(3) & 45(5)
PARTIAL COMPLETION CERTIFICATE FROM COMPETENT AUTHORITY.

To

M/s Ambika Realcon Developers Pvt Ltd,
SCO NO. 18-19, 1st Floor, Sector-9 D,
Chandigarh.

Memo No.: GMADA/C.A./2024/ 53841
Date: 09/09/2024

Sub: Issuance of Partial Completion Certificate of Ambika Realcon Developers Pvt. Ltd, Group Housing Site No:-2, Project namely "La Parisian" for Tower No-4 and 5, Situated at Sector-66 Beta, IT City, SAS Nagar.

Ref: Your application No. E-.611748 dated 29.12.2023.

Whereas M/s Ambika Realcon Developers Pvt Ltd has applied for issuance of Partial Completion Certificate for Group Housing Site No:-2, Project namely "La Parisian" for Tower No-4 and 5, situated at Sector-66 Beta, IT City, SAS Nagar. The Partial Completion Certificate of above site has been issued on the basis of following conditions:-

1. The building shall be used only for the purpose, for which the Partial Completion Certificate is being granted.
2. This permission shall not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.
3. That the company shall obtain any other permission required under any other act at its own level.
4. That the company shall also maintain the internal services including HVAC system to the satisfaction of the Competent Authority.
5. That the company shall be solely responsible for disposal of storm/ rain water of its site.
6. Promoter shall be liable to attain required approvals from PPCB/CPCB and other statutory authorities.
7. Promoter shall be liable to operate STP and treated waste water below permissible limits described by PPCB/CPCB and shall use treated water for irrigation, flushing and other non-potable activities.
8. Promoter shall be liable to clean overhead and underground water storage tanks regularly.
9. Promoter has drilled and installed Bore well. Therefore, Promoter is sole responsibility for proper and clear water supply.
10. Promoter shall be liable to maintain rain harvesting/recharge well time to time.
11. That the company would make its own suitable provisions for drinking water supply and disposal of Sewage, maintaining park and Horticulture area & Solid Waste Management. Sewage Treatment Plant should be operational and working and treated water from Sewage Treatment Plant should be only used for flushing and irrigation purpose.

12. Promoter is liable to comply Solid Waste Management Rules-2016 (with latest amendments), arrangement of Solid Waste by promoter at their own level.
13. Promoter is liable to comply the compliance of Environment Clearance issued by Competent Authority.
14. Stored water for drinking purpose should be disinfection time to time as per requirements.
15. That each part of building shall be used as per provisions of approved Zoning Plan and Sanctioned Building Plans/ Partial Completion Plans only and not for any other purpose.
16. That the company shall neither erect nor allow the erection of the communication and transmission towers on the top of the building blocks.
17. That the company shall be liable to pay arrears and any other taxes/ charges imposed by the Govt. / Competent Authority or any Department/ Agency if found due at any stage.
18. Promoter shall be responsible for all Building Civil & Public Health Works and maintain them accordingly.
19. That the company shall get the test certificate for commissioning of transformer renewed from Chief Electrical Inspector, Punjab.
20. That the company shall be bound to maintain Horticulture works, parks/open spaces/ parking areas etc. completely as per the approved plans. You will replace dead plantation on regular basis to keep the required numbers as per approved plan. You are bound to comply the conditions of National Green Tribunal (NGT) from time to time applicable for your subject project.
21. That the company shall be responsible for the public safety within the campus.
22. That the company shall seek Occupancy Certificate from the competent authority before occupying the said towers.
23. That the company shall be bound to provide the parking as per approved building plans.
24. That the changes on the ground have been compounded by the Estate office, GMADA as per compounding policy.
25. That out of above if any condition will not be fulfilled, then this Partial Completion Certificate shall deemed to be cancelled.
26. You will bound to pay additional F.A.R charges (if any) and any dues found later at any stage.
27. Promoter is liable to take permissions/NOC from Punjab Pollution Control Board and other statutory Authorities.
28. In case of any dues e.g. EDC charges/licensing fee etc. is found later you are bound to pay such dues.



GREATER MOHALI AREA DEVELOPMENT AUTHORITY
PUDA BHAWAN, SECTOR – 62, S.A.S.NAGAR

In case, after the issuance of Completion Certificate, if found at any stage that the building is used for any other purpose against the permission or there is any addition or alternation in the building without approval, then, the competent authority may pass the orders for revocation of completion permission following the due procedure of law and the same shall be restored only after removal of violations.

This Completion Certificate is being issued on the basis of the reports of the Building Completion Committee members i.e. members i.e. Senior Town Planner, SAS Nagar, Superintendent Engineer (C-2), GMADA and PEDDA.

Chief Administrator,
GMADA, S.A.S. Nagar

Endst. No. GMADA/C.A/2024/

Date:

1. Copy is forwarded to the Secretary, RERA Punjab, Plot No. 3, 1st Floor, Sec-18 A, Chandigarh for information and further necessary action.
2. Assistant Estate Officer (IT City, Sector-66-Beta), GMADA, SAS Nagar.
3. Account Officer(R), GMADA, SAS Nagar.



Chief Administrator,
GMADA, S.A.S. Nagar.



ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰਿਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

ਪੁੱਡਾ ਭਵਨ ਸੈਕਟਰ 62 ਐਸ. ਏ. ਐਸ. ਨਗਰ।

(ਮਿਲਖ ਦਫਤਰ)

FORM-H

SEE RULE -8(2), 7(3) & 45(5)

PARTIAL COMPLETION CERTIFICATE FROM COMPETENT AUTHORITY.

To,

Ambika Realcon Developers Private Limited
Through its Directro Sh. Diwaker Bansal
SCO NO. 18-19, 1st Floor, Sector-9 D
Chandigarh

Memo. No. ACA (GMADA)/2022/ 97733

Dated:- 27/12/2022

Whereas **Ambika Realcon Developers Private Limited Through its Director Sh. Diwaker Bansal** has given notice of completion of the Project described below.

I hereby:-


Grant Permission for the Partial Completion of Tower No. 6, 7 & 8
Basement + Ground Floor + 15 Floor (For Each Tower) Only.

Description of Building:-

Sector-66 Beta, IT City
SAS Nagar

Group Housing Site No.2
La Parisian,
Area 6.93 Acre

- * You are bound to fulfill recommendaion of inspection committee before occupancy of above said building.
- * You are bound to pay balance dues if any found at the time of issuing of Occupancy Certificate



Additional Chief Administrator,
GMADA, S.A.S. Nagar.

Dated:-

Endst. No. ACA(GMADA)/2022/

A copy of the above is forwarded to the following for information & necessary action please:-

1. D.E. (PH-1), GMADA, SAS Nagar
2. AEO (1,2 & 3), GMADA, SAS Nagar. Dues if any may be recovered from allottee.


Additional Chief Administrator,
GMADA, S.A.S. Nagar.

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

Annexure-8

www.gmada.gov.in
ਪੁੱਡਾ ਭਵਨ, ਸੈਕਟਰ-62, ਐਸ. ਏ. ਐਸ. ਨਗਰ |

FORM-D

SEE RULE-10(2)

PERMISSION FOR OCCUPANCY OR USE OF THE BUILDING

To
**Ambika Realcon Developers Private Limited through its Director Sh. Diwaker Bansal
s/d/w/o -
R/o R/o SCO 18-19, First Floor, Sector 9-D, Chandigarh**

Memo No. GMADA-E.O./ 2024/GMADA/24-25/202/6
Dated: 17-Sep-2024

Whereas **Ambika Realcon Developers Private Limited through its Director Sh. Diwaker Bansal s/d/w/o -**, has given notice of completion of the building described below :-

I hereby :

Grant Permission for the occupation/use of **Tower No:- 4 & 5 (Basement + Ground + 15 floors)**

Description of Building

SAS Nagar

Group Housing

Plot No. SECTOR : 66, HOUSE No. : 2

Area 28044.71 Sq. Yard

Note:- If any dues found to be pending regarding violations at later stage , you will be liable to deposit it.

**Estate Officer
Greater Mohali Area
Development
Authority , SAS Nagar
Estate Officer**

Endst. No.GMADA-S.D.O(B)/ 2024

Dated: 17-Sep-2024

A copy of the above is forwarded to the following for information & necessary action please: -

1. D.E.(PH-I) GMADA , SAS Nagar

2. A.E.O.(1,2 & 3) GMADA , SAS Nagar. Dues if any may the recovered from allottee.

Mobile No
985XXXX694

Digitally signed by HARBANS SINGH
Date: 2024.09.17 12:13:54
Reason :signer.digital

**Estate Officer
Greater Mohali Area
Development Authority , SAS
Nagar**

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

www.gmada.gov.in
ਪੁੱਛਾ ਖ਼ਤ ਨੰ, ਸੈਕਟਰ-62, ਐਸ. ਏ. ਐਸ. ਨਗਰ।

FORM-D

SEE RULE-10(2)

PERMISSION FOR OCCUPANCY OR USE OF THE BUILDING

M/S Ambika Realcon Developers Pvt Ltd
s/d/w/o late R.K. Bhargav
R/o SCO 18-19 First Floor, Sector-9D, Chandigarh,

Memo No. GMADA-S.D.O.(B)/ 2023/GMADA/22-23/PIO/366
Dated: 02-Jan-2023

Whereas M/S Ambika Realcon Developers Pvt Ltd s/d/w/o late R.K. Bhargav R/o SCO 18-19 First Floor, Sector-9D, Chandigarh, has given notice of completion of the building described below :-

I hereby :

Grant Permission for the occupation/use of Tower No. 6,7 and 8 (Basement+Ground+15 floor) For Each Tower Only
w.e.f 30-Dec-2022

Description of Building
SAS Nagar

Plot No. Floor : 66 BETA, Block : , Tower : 2,
Apartment No. : 2,
Area

AMBIKA REALKON DEVELOPERS PVT LTD(N.C)

Note:- If any dues found to be pending regarding violations at later stage , you will be liable to deposit it.

Sub Divisional
Officer(B),
Greater Mohali Area
Development
Authority , SAS Nagar
Estate Officer

Encls. No.GMADA-S.D.O(B)/ 2023

Dated: 02-Jan-2023

A copy of the above is forwarded to the following for information & necessary action please: -

1. D.E.(PH-I) GMADA , SAS Nagar
2. A.E.O.(1,2 & 3) GMADA , SAS Nagar. Dues if any may the recovered from allottee.

Mobile No
985XXXX694

Digitally signed by HARPREET SINGH
Date: 2023.01.02 17:18:32
Reason: signed.digit

Sub Divisional Officer(B),
Greater Mohali Area
Development Authority , SAS
Nagar

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

www.gmada.gov.in
ਪੁੱਡਾ ਭਵਨ, ਸੈਕਟਰ-62, ਐਸ. ਏ. ਐਸ. ਨਗਰ |

FORM-D

SEE RULE-10(2)

PERMISSION FOR OCCUPANCY OR USE OF THE BUILDING

To
**Ambika Realcon Developers Private Limited through its Director Sh. Diwaker Bansal
s/d/w/o -
R/o R/o SCO 18-19, First Floor, Sector 9-D, Chandigarh**

Memo No. GMADA-E.O./ 2024/GMADA/23-24/202/3
Dated: 19-Feb-2024

Whereas **Ambika Realcon Developers Private Limited through its Director Sh. Diwaker Bansal s/d/w/o -**, has given notice of completion of the building described below :-

I hereby :

Grant Permission for the occupation/use of **Tower-9 (Basement+Ground+15 Floors) and Booth No:-1 to 18)**

Description of Building

SAS Nagar

Group Housing

Plot No. SECTOR : 66, HOUSE No. : 2

Area 28044.71 Sq. Yard

Note:- If any dues found to be pending regarding violations at later stage , you will be liable to deposit it.

**Estate Officer
Greater Mohali Area
Development
Authority , SAS Nagar
Estate Officer**

Endst. No.GMADA-S.D.O(B)/ 2024

Dated: 19-Feb-2024

A copy of the above is forwarded to the following for information & necessary action please: -

1. D.E.(PH-I) GMADA , SAS Nagar

2. A.E.O.(1,2 & 3) GMADA , SAS Nagar. Dues if any may the recovered from allottee.

**Mobile No
985XXXX694**

**Estate Officer
Greater Mohali Area
Development Authority , SAS
Nagar**

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਟੀ

ਪੁੱਛਾ ਭਵਨ, ਸੈਕਟਰ 62, ਐਸ ਏ ਐਸ ਨਗਰ ।

To:

Ambika Realcon Pvt. Ltd.
Through Sh. Diwaker Bansal (Director)
R/o SCO 64-65, IInd Floor,
Sector 17-A, Chandigarh

Memo No.: 40008

Date: 05-01-2018

Subject: Corrigendum to the allotment letter issued in respect of Group Housing Site No. 2 in Sector 66-Beta, (I.T. City).

Reference: In continuation to allotment letter no.: 5069 dated 01-02-2018 issued by this office.

Group Housing Site No. 2 in sector 66-Beta, (I.T. City) S.A.S. Nagar sold in e-auction concluded on 11-10-2017 was purchased by Ambika Realcon Pvt. Ltd. Through Sh. Diwaker Bansal (Director) and the allotment letter was issued to the successful bidder vide allotment letter no. 5069-73 dated 01-02-2018.

Now the Directors of the allottee company have requested to allot the site in the name of their 100% Subsidiary M/s Ambika Realcon Developers Pvt. Ltd. and have submitted an indemnity bond to the effect that the change of the allottee is in the favour of Ambika Realcon Developers Pvt. Ltd. being a 100% subsidiary of Ambika Realcon Pvt. Ltd. and with same common directors and the allottees further bound themselves to make good any payment to become due against this site in future.

Keeping in view, the application and the indemnity bond of the allottee in this regard, it is hereby conveyed to anyone to whom it may concern that for all practical reasons and purpose the name of the allottee of this site be henceforth read as "Ambika Realcon Developers Pvt. Ltd." In lieu of "M/s Ambika Realcon Pvt. Ltd."

Rest of the terms and conditions of the allotment letter quoted above shall remain the same. Moreover it is further clarified that:

1. The change of the allottee is in the favour of Ambika Realcon Developers Pvt. Ltd. being a 100% subsidiary of Ambika Realcon Pvt. Ltd. and with same common directors.
2. The change in the allottee will have no forbearance upon the purpose of the site in question and in the event of registration of conveyance deed of this site, the allottee shall be bound to comply with the rules and regulations of the revenue department.
3. The allottee will be bound to make good any payment to become due against this site in the future.
4. The allottee will be bound to obtain No Objection Certificate from the Estate Officer, GMADA before transferring any rights or title of this site by way of sale, gift, mortgage, transfer or otherwise.

ESTATE OFFICER,
GMADA, SAS Nagar

Dated:

Endst No/E.O./GMADA/2018/

A copy of the above is forwarded to the following for information and necessary action, please:

1. SDO(B), GMADA, SAS Nagar
2. Accounts Officer (R), GMADA, SAS Nagar

ESTATE OFFICER,
GMADA, SAS Nagar

GREATER MOHALI AREA DEVELOPMENT AUTHORITY

Puda Bhawan, Sector 62, SAS Nagar

www.gmada.gov.in

To

Ambika Realcon Private Limited
Through Sh. Diwaker Bansal,
SCO 64-65, IInd Floor,
Sector 17-A, Chandigarh

Memo No 5069

Date: 01-2-2018

Sub: Letter of Allotment for Group Housing Site No 2 , IT City, Sector 66-Beta, SAS Nagar

In reference to your highest bid in the e-auction held on 11-10-2017, the following group housing site is allotted to you on freehold basis.

Area	28044.71 Square Metres (Approx. 6.93 Acres)
Auction Price	Rs.68,03,64,665.00/- (Sixty Eight Crore Three Lakhs Sixty Four Thousand Six Hundred and Sixty Five Only)
Land use	Group Housing
Floor Area Ratio (FAR)	Basic FAR: 1:2.5, However 0.5 FAR is purchasable Maximum FAR 1:3 Ground Coverage 30%.

The allotment would be further subject to following terms and conditions:

1. FINANCIAL CONDITIONS:

- (i) The payment amounting to Rs. 11,56,61,993/- (Eleven Crore Fifty Six Lakhs Sixty One Thousand Nine Hundred and Ninety Three Only) already made by you (including Rs. 1,36,07,293/- towards "The Punjab State Cancer and Drug Addiction Treatment Infrastructure Fund") has been adjusted towards the initial deposit as 15% of the auction price of the site and cess @2% for "The Punjab State Cancer and Drug Addiction Treatment Infrastructure Fund".
- (ii) The balance 85% amount of Rs.57,83,09,965/- (Fifty Seven Crores Eighty Three Lakhs Nine Thousand Nine Hundred and Sixty Five Only) is payable either in lumpsum with 7.5% rebate on the balance 85% amount within 60 days from the date of allotment, in which case 7.5% discount on the balance principal amount i.e 85% shall be given. In case of lumpsum payment towards total bid amount is made beyond this period of 60 days then this discount shall be given on principal amount apart from that included in next installment OR in 12 half yearly installments with first installment payable at the end of 2 years moratorium period. Moratorium period of two years from the date of allotment shall be allowed during which the interest on principal amount shall be payable half yearly Interest rate applicable on balance payment shall be @ 9% p.a interest compounded annually. In case interest is not paid within the given time, penal interest @ 14% p.a. compounded annually will be levied for the delayed period. The

delay in the payment of interest shall be condoned upto a maximum period of 3 years from the due date.

Amount Payable during Moratorium period

Due date	Interest (INR)	Total Amount Due (INR)
01-08-2018	2,60,23,948.00	2,60,23,948.00
01-02-2019	2,60,23,948.00	2,60,23,948.00
01-08-2019	2,60,23,948.00	2,60,23,948.00

Schedule of Payment

#	No of Installment	Date of Payment of Installment	Principal Amount	Interest	Total Amount
1	1 st	01-02-2020	4,81,92,497.00	2,60,23,948.00	7,42,16,445.00
2	2 nd	01-08-2020	4,81,92,497.00	2,38,55,286.00	7,20,47,783.00
3	3 rd	01-02-2021	4,81,92,497.00	2,16,86,624.00	6,98,79,121.00
4	4 th	01-08-2021	4,81,92,497.00	1,95,17,961.00	6,77,10,458.00
5	5 th	01-02-2022	4,81,92,497.00	1,73,49,299.00	6,55,41,796.00
6	6 th	01-08-2022	4,81,92,497.00	1,51,80,637.00	6,33,73,134.00
7	7 th	01-02-2023	4,81,92,497.00	1,30,11,974.00	6,12,04,471.00
8	8 th	01-08-2023	4,81,92,497.00	1,08,43,312.00	5,90,35,809.00
9	9 th	01-02-2024	4,81,92,497.00	86,74,650.00	5,68,67,147.00
10	10 th	01-08-2024	4,81,92,497.00	65,05,987.00	5,46,98,484.00
11	11 th	01-02-2025	4,81,92,497.00	43,37,325.00	5,25,29,822.00
12	12 th	01-08-2025	4,81,92,498.00	21,68,662.00	5,03,61,160.00

- (iii) In case any installment or part thereof is not paid by due date, then without prejudice to any action under Section 45 of the Punjab Regional and Town Planning and Development Act, 1995, penal interest @14% p.a. compounded annually will be levied for the period of delay upto 18 months beyond which delay shall not be condoned under any circumstances and the site shall be resumed.
- (iv) The exact size of the Site and its dimensions are subject to variation as per actual measurement at the time of delivery of possession of the site. In case of actual area exceeds the area offered, the allottee would be required to deposit the additional price for the excess area proportionately as per the bid price. In case of reduction in area, the allotment price will be proportionately reduced from the day of allotment and money received shall be adjusted or refunded.
- (v) All payments shall be made by a Demand Draft drawn in favour of Greater Mohali Development Authority payable at SAS Nagar. Payments by cheques shall not be accepted. Details of plot site number, Sector, and the name of allottee should be indicated both in the forwarding letter and on the back of Demand Draft for avoiding any misuse.

- (vi) All applicable charges promulgated by the Government or any local or Statutory Authority shall be payable over and above the consideration amount, as and when due.
- (vii) The total consideration as detailed above includes the External Development Charges
- (viii) No interest will be paid for any amount, whatsoever, deposited with the Authority in advance of the due date.
- (ix) No separate notice for payment of instalment(s) shall be sent.
- (x) Formal receipt in respect of all the payments received will be issued within a period of 15 days.
- (xi) On payment of the entire consideration money together with interest due to the Authority on account of the sale of the site, the allottee shall have to execute a Deed of Conveyance in the prescribed form and in such manner as may be directed by the concerned Estate Officer within three months of the payment of entire consideration money.
- (xii) The allottee will be provided separate connections for fresh water for drinking and potable uses and tertiary treated waste water for flushing and gardening purpose. Therefore, allottee will have to have dual plumbing system along with separate storages for both types of water in its building. It may be noted that occupation certificate shall be issued only after it is certified by the J.E. (Building) that this provision has been made by the allottee (This provision is made in the scheme as per the orders of the State Level Environment Impact Assessment Authority, Punjab and Ministry of Environment and Forests, Government of India conveyed vide their letter no. 38523 dated 27-09-2011 and conditions issued thereunder)
- (xiii) No roadcut is allowed without the prior permission of GMADA, as road crossings have already been made for various services for all the plots.
- (xiv) Since, there is a provision for supplying tertiary treated waste water for flushing, gardening and non potable uses, the allottee shall use only this water for construction of the building, once it is available with GMADA.
- (xv) The GMADA has made arrangements for providing separate connections for rainwater disposal. Therefore, rainwater and floor washing water should not be disposed off on road directly. The allottee will have to make necessary arrangements accordingly.

2. OWNERSHIP & POSSESSION

- (i) The land shall continue to vest in the name of Greater Mohali Area Development Authority until the entire consideration money together with interest and other dues, is paid in full to the Authority
- (ii) Possession of plot shall be offered to the allottee within a period of 90 (ninety) days from the issue of allotment letter. In case the allottee fails to take possession of the

site within the stipulated period it shall be deemed to have been handed over on the due date.

3. APPLICABLE BUILDING BYE-LAWS

- (i) PUDA (Building) Rules, 2013 as amended from time to time will be applicable. The allottee shall be allowed to undertake construction of building only after getting the Building Plans approved from the competent authority of GMADA. For permissible Ground Coverage, Set Backs, Height of Buildings, Parking norms etc. also PUDA (Building) Rules, 2013 shall be applicable.
- (ii) FAR 1:2.5, however additional 0.5 FAR is purchasable Maximum FAR 130 Ground Coverage 30% FAR shall be permitted as specified in the advertisement. Further if the allottee is desirous of purchasing additional FAR then it shall be calculated as follows:

$$\frac{\text{Bid Price} \times 35\% \times \text{Additional FAR}}{\text{FAR as specified in advertisement}}$$

- (iii) In case the allottee opts for having FAR in excess of permitted FAR Charges for such increase in FAR would be determined proportionate to the bid amount and date of determination shall be the date of sanction of building plan. Such charges would be payable either in lumpsum within 60 days and in such case and discount of 7.5% shall be given to the allottee OR the allottee may choose to pay 25% of such amount at the time of sanction of building plan and balance 75% in four equated yearly installments with 9% interest p.a. compounded annually. In case of default, 14% p.a. compounded annually penal interest will be levied for the period of delay. Further in case lumpsum payment of this amount is made beyond this period of 60 days then this discount shall be given on principal amount apart from that included in next installment.
- (iv) Sub-division of the site will be allowed only after approval of the building plans from the competent authority of GMADA. However license under PAPRA for the same will not be required.
- (v) Height; no restriction but NOC from Airport Authority of India.
- (vi) It will be the responsibility of the allottee to obtain No Objection Certificate from Fire Department under the provisions of various Acts as are applicable.

4. USAGE AND PERIOD OF CONSTRUCTION

- (i) Site shall be used only for the purpose of which the same is allotted and not for any other purpose whatsoever, and no change of land use shall be permitted.
- (ii) The site is offered on "as is where is" basis and the Authority will not be responsible for levelling the site or removing the structures, if any thereon.
- (iii) There will be no time limit for construction.

- (iv) Before occupying the building, the allottee will be required to obtain Completion / occupation certificate from the Estate Officer GMADA.

5. OTHER GENERAL CONDITIONS

- (i) This allotment shall be governed by the provisions of the Punjab Regional and Town Planning and Development Act, 1995, Rules and Regulations framed there under as amended from time to time.
- (ii) The allottee shall have right to transfer by way of sale, or gift, or otherwise, the site or any other rights, title or interest in the said site before the due last installment and with prior permission of the Estate Officer, GMADA, SAS Nagar and on payment of transfer fee as applicable. If the last installment becomes due then the allottee has no right to transfer by way of sale, or gift, or otherwise, the site or any other rights, title or interest in the said site before execution of conveyance deed on making full payment. Mortgage of the site will also be permitted with the prior permission of officers authorized by the authority.
- (iii) The allottee shall have Development Rights on the said land parcels and shall be free to market and sell the apartments etc. to be built on the same.
- (iv) All General and local taxes, rates, fees and cesses, imposed or assessed on the said plot / building by any authority under any law shall be paid by the allottee.
- (v) The officers of the Authority may at reasonable time and in reasonable manner after giving 24 (twenty four) hours notice in writing, enter in any part of the site/ building erected thereon for the purpose of ascertaining that the allottee has duly performed and observed the conditions of allotment and provisions under the prevalent rules, Acts and regulations as amended from time to time.
- (vi) GMADA shall have the full rights, powers and authority at all times to do through its officers and representatives all acts and things which may be necessary and expedient for the purpose of enforcing compliance with all or any of the terms, conditions and reservations imposed and to recover from the allottee as first charge upon the said plot, the cost of doing all or any such acts and things and all costs incurred in connection therewith, or in any way relating therewith.
- (vii) In case of breach of any condition(s) of allotment or of regulations or non payment of any amount due together with the penalty, the site or building, as the case may be, shall be liable to be resumed and in that case 10% of the total price plus interest due till that date shall be forfeited.
- (viii) Any change in the address must be immediately intimated to the Estate Office by registered post.
- (ix) Roof of the building and the open space available around the built up area shall not be permitted for storage.
- (x) GMADA shall provide domestic water connection and the tertiary treated effluent to the allottee for use in flushing & gardening purposes. The allottee shall ensure the

installation of Dual piping system in the apartments for this purpose subject to inspection by JE before issuance of Occupation Certificate.

- (xi) The allottee shall be entitled for the Sewer & Storm water connection in the main Sewer & Storm network developed by GMADA.

6. DISPUTE RESOLUTION

- (i) Subject to the provisions of the Act, all the disputes and/or differences which may arise in any manner touching or concerning this allotment shall be referred to the Independent Arbitrator directly or not directly related to this office who shall be appointed by the Chief Administrator, Greater Mohali Area Development Authority (GMADA). Arbitration shall be governed by the Arbitration and Conciliation (Amendment) Act, 2015. GMADA and the allottee shall be liable to share the fee of the arbitrator in equal proportion.


ESTATE OFFICER,
GMADA, SAS Nagar

Endst No/E.O./GMADA/2018/

Dated:










A copy of the above is forwarded to the following for information and necessary action, please.

1. STP, GMADA, SAS Nagar
2. DTP, SAS Nagar
3. SDO(B), GMADA, SAS Nagar
4. Accounts Officer (R), GMADA, SAS Nagar


ESTATE OFFICER,
GMADA, SAS Nagar



ENQUIRY

-  [Ambika City \(Ambika Realcon Pvt. Ltd.\) 6 Monthly Compliance Report 30-09-2020](#)
-  [Ambika Homes \(Ambika Realcon Developer Pvt. Ltd.\) 6 Monthly Compliance Report 30-09-2020](#)
-  [Ambika Homes \(Ambika Realcon Developer Pvt. Ltd.\) 6 Monthly Compliance Report 31-03-2022](#)
-  [Ambika Homes \(Ambika Realcon Developer Pvt. Ltd.\) 6 Monthly Compliance Report 30-09-2022](#)
-  [Environmental Clearance\(EC\) Certificate LP ARDPL](#)
-  [Six Monthly Compliance_31.03.2023_Ambika Homes](#)
-  [EC WITH 6M CR 30092023 ARDPL](#)
-  [Ambika Homes 6M CR 31.03.2024](#)
-  [Ambika Homes 6M CR 118 09.2024](#)



TEST REPORT



ULR No : NA		Test Report No : NAAL190425NA005	
Type of Sample # : Ambient Air		Date of reporting : 23/04/2025	
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer #	Group Housing Project namely "Ambika Homes", Located at sector 66- Beta, Site No.2, Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Honey
Period of Sampling	18/04/2025 - 19/04/2025	Date of Receipt of Sample	19/04/2025
Sampling Location	Near Main Gate (Project Site)	Period of Analysis	19/04/2025 - 23/04/2025
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	Environmental Condition	Refer below^
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m3	88	100(max.)	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m3	45	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	17	80(max.)	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m3	15	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	16	400(max.)	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	30	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.82	4(max.)	IS 5182 (Part 10) NDIR method

Remarks : # Information provided by customer. ^Partially cloudy weather, Drizzling for approx 20-30 mins. & thunder storm.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-AA

Page No.1/2

TEST REPORT



ULR No : NA

Test Report No : NAAL190425NA005

Type of Sample # : Ambient Air

Date of reporting : 23/04/2025

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

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TEST REPORT



ULR No : NA		Test Report No : NANL190425NA006	
Type of Sample # : Ambient Noise		Date of reporting : 23/04/2025	
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	Group Housing Project namely "Ambika Homes"		
Address #	Located at sector 66- Beta, Site No.2, Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Honey
Period of Sampling	18/04/2025 - 18/04/2025	Date of Receipt of Sample	19/04/2025
Sampling Location	Refer Below [^]	Period of Analysis	19/04/2025 - 21/04/2025
Standard/Specifications	EPA 1986 Schedule-III	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

Sr.No	Location [^]	Unit	Result (Day)	Test Method
1	Near Tower Savoye-D (Project Site)	dB(A)	54.8	EL/SOP/AN/01

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq* Day Time	Limits in dB(A) Leq* Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-AN

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TEST REPORT



ULR No : NA

Test Report No : NANL190425NA006

Type of Sample # : Ambient Noise

Date of reporting : 23/04/2025

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
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6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

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TEST REPORT



ULR No : NA		Test Report No : NGWL180425NA092	
Type of Sample # : Water- Ground Water			
Reference Type : Email		Reference No : Dt: 05/04/2025	
Customer Name #	Group Housing Project namely "Ambika Homes"		
Address #	Located at sector 66- Beta, Site No.2, Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.	Period of Sampling	18/04/2025 - 18/04/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	18/04/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Honey	Period of Analysis	18/04/2025 - 23/04/2025
Testing Location	Permanent Facility	Date of reporting	23/04/2025
Sampling Location	From Borewell (Project Site)		
Sample Description	Colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (A/18/01A), Glass Bottle-1litre (A/18/01B), PE Bottle-500ml (A/18/01C) & PE Bottle-500ml (A/18/01D)		

RESULTS


1. Chemical Testing

I. Water (Water- Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 (Part 4) CI 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH @ 25°C	-	7.62	6.5-8.5	No relaxation	IS 3025 (Part 11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8)
5	Turbidity	NTU	BDL (0.1)	1	5	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	26	250(Max.)	1000(Max.)	IS 3025 (Part 32)
7	Iron as Fe	mg/l	BDL (0.001)	1.0(Max.)	No Relaxation	USEPA 3015A
8	Total Hardness as CaCO ₃	mg/l	150	200(Max.)	600(Max.)	IS 3025 (Part 21)



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



Ms. Lata Thakur
Authorized Signatory - Biological

TEST REPORT



ULR No : NA

Test Report No : NGWL180425NA092

Type of Sample # : Water- Ground Water

2. Biological Testing

II. Water (Water- Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total Coliform	Present or Absent/10 Oml	Absent	shall not be detectable in any 100 ml sample	-	IS 15185
2	E.coli.	Present or Absent/10 Oml	Absent	shall not be detectable in any 100 ml sample	-	IS 15185

Remarks : # Information provided by customer.

End of Report

OTHER INFORMATION

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


 Mr. Mukesh Chand Agarwal
 Authorized Signatory- Chemical


 Ms. Lata Thakur
 Authorized Signatory - Biological



EL-FMT-7.8.2-W

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TEST REPORT



ULR No : NA		Test Report No : NSL180425NA093	
Type of Sample # : Soil		Reference No : Dt.: 05/04/2025	
Reference Type : Email			
Customer Name #	Group Housing Project namely "Ambika Homes"		
Address #	Located at sector 66- Beta, Site No.2, Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.	Period of Sampling	18/04/2025 - 18/04/2025
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Receipt of Sample	18/04/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Honey	Period of Analysis	18/04/2025 - 23/04/2025
Testing Location	Permanent Facility	Date of reporting	23/04/2025
Sampling Location	From Park (Project Site)		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	5Kg Polybag Marked (H/18/04)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Soil)

Sr.No	Test Parameter	Unit	Result	Test Method
1	Electrical Conductivity @ 25°C	mS/cm	0.384	IS 14767
2	Organic Matter	%	1.09	IS: 2720 (Part XXII) Sec-1
3	pH @ 25°C	-	8.34	IS 2720 (Part 26) Cl 2
4	Moisture Content	%	6.8	IS:2720 (Part-II) Sec-1
5	Texture	-	Sandy Loam	IS:2720 (Part-4) Cl 2,4
6	Bulk Density	gm/cc	1.54	IS: 2720 (Part-7)

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

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TEST REPORT



ULR No : NA

Test Report No : NSL180425NA093

Type of Sample # : Soil

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

TEST REPORT

ULR No : NA		Test Report No : NSL180425NA093/A	
Type of Sample # : Soil			
Reference Type : Email		Reference No : Dt.: 05/04/2025	
Customer Name #	Group Housing Project namely "Ambika Homes"		
Address #	Located at sector 66- Beta, Site No.2, Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.	Period of Sampling	18/04/2025 - 18/04/2025
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	Date of Receipt of Sample	18/04/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Honey	Period of Analysis	18/04/2025 - 23/04/2025
Testing Location	Permanent Facility	Date of reporting	23/04/2025
Sampling Location	From Park (Project Site)		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	5Kg Polybag Marked (H/18/04)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Soil)

Sr.No	Test Parameter	Unit	Result	Test Method
1	Sand	%	73	IS:2720 (Part-4) Cl 2,4
2	Silt	%	10	IS:2720 (Part-4) Cl 2,4
3	Clay	%	17	IS:2720 (Part-4) Cl 2,4

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

TEST REPORT

ULR No : NA

Test Report No : NSL180425NA093/A

Type of Sample # : Soil

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Regd Post

Tele: 23010231/5215

Directorate of Ops (ATS)
Air Headquarters
Vayu Bhawan, Rafi Marg
New Delhi -110106

Air HQ/S 17726/4/ATS (Ty BM-MMDCCCXLIX)

08 May 2018

M/s Ambika Realcon Pvt Ltd
SCO 64-65, 2nd Floor
Sector-17A
Chandigarh-160017

NOC FOR CONSTRUCTION OF BUILDING

Sir,

1. Please refer your application on the subject.
2. The application has been examined within **provisions mentioned under section 5(2) of Gazette of India GSR 751 (E) read in conjunction with sub section (1) clause (o) & clause (r) of sub section 2 of section 5 read with section 9 A of Aircraft Act 1934, Works of Defence Act 1903** and other relevant orders on the subject. Air HQ has no objection for construction of building (for group housing project) **with a reduced height of 58.70 M** at Group Housing Plot No. GH-02, IT City, Sector-66B, Mohali, SAS Nagar (Punjab) subject to **following conditions:**
 - (a) The NOC is for construction of building and cannot be used as document for any other purpose/claim whatsoever including ownership of land.
 - (b) The applicant is responsible to obtain NOC/all statutory clearances from the concerned authorities including approval of building plans. Clearance shall also be obtained separately from any other defence establishment in the vicinity of proposed construction.
 - (c) The site elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation of the proposed structure. If however at any stage it is established that the actual site elevation and site coordinates are different from those provided by the applicant, the NOC will be invalid.
 - (d) The issue of the NOC is further subject to the provisions of Sec 9 A of the Indian Aircraft Act 1934 and those of any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by buildings and trees etc) Rules, 1994.
 - (e) Vertical extent (highest point) of the building(s) proposed at coordinates mentioned overleaf **shall not exceed 358.70 M AMSL or 58.70 M AGL whichever is lower**. No extension or structure permanent or temporary (e.g. Cranes, Antennas, Mumtee, Lightning Arresters, Lift machine room, Overhead water tank, Cooling towers, Sign boards, any attachment or fixtures of any kind) shall be permitted above the cleared height.

Corners	Latitude	Longitude	Site Elevation
A	30° 29'12" N	76° 44' 56" E	300 M AMSL
B	30° 39'17" N	76° 44' 56" E	
C	30° 39'17" N	76° 45' 00" E	
D	30° 39'12" N	76° 45' 00" E	

- (f) Standard obstruction lightings as per IS 5613 notification and International Civil Aviation Organization (ICAO) standards as stipulated in ICAO Annex-14 is to be provided by the company. The lights shall be kept 'ON' at all times. Provision shall be made for standby power supply to keep the lights 'ON' during power failure. Company shall carry out periodic maintenance of the lights to keep them in serviceable and visible condition.
- (g) A proper garbage disposal system shall be ensured by the applicant prior to the construction of buildings for the purpose of avoiding bird activity.
- (h) No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time during or after the construction of the building.
- (j) The commencement and completion of construction including installation of obstruction lights shall be intimated to AOC, AF Station Chandigarh and CATCO, HQ WAC IAF, Subroto Park, New Delhi-110010. Failure to render these certificates within the stipulated time shall lead to cancellation of NOC.
- (k) The NOC is valid for five years from the date of its issue. If the building is not constructed and completed within this period, the applicant shall be required to obtain a fresh/extension of NOC from Indian Air Force. Request for revalidation of NOC will not be entertained after the expiry of validity period.

Yours sincerely,

(BJ Mammen)
Group Captain
Director Operations (ATS)



Submission of six monthly compliance report for the period ending 30.09.2024 for Group Housing Project namely “Ambika Homes (La-Parisian)” by M/s Ambika Realcon Developers Pvt. Ltd.

From R K Aggarwal <rkaggarwal@teamambika.com>

Date Sat 11/30/2024 11:31 AM

To ecompliance-nro@gov.in <ecompliance-nro@gov.in>; ronz.chd-mef@nic.in <ronz.chd-mef@nic.in>

Cc seiaapb2017@gmail.com <seiaapb2017@gmail.com>; eenodal@yahoo.in <eenodal@yahoo.in>

1 attachment (15 MB)

SMC Ambika Homes 30.09.2024.pdf;

Respected Sir,

Greetings for the day!!!

We are hereby submitting six monthly compliance report for the period ending 30.09.2024 for our Group Housing Project namely “Ambika Homes (La-Parisian)” located at Site No. 2, IT City, Sector 66-Beta, District SAS Nagar (Mohali), Punjab.

Kindly acknowledge the receipt of the same.

Regards.

**M/s Ambika Realcon Developers Pvt. Ltd.
Authorised Signatory**

Borewell Reading for the month of October 2024.

Date	Perimeter ^{m³}	Current ^{m³}	Depth ^{m³}	PH	T.D.S.
1/10/24	75367	75656	289	7	264
2/10/24	75656	75966	310	7	263
3/10/24	75966	76326	360	7	263
4/10/24	76326	76696	370	7	263
5/10/24	76696	77056	360	7	264
6/10/24	77437	77437	381	7	264
7/10/24	77807 77807	77807	370	7	264
8/10/24	77807	78169	362	7	264
9/10/24	78169	78542	373	7	264
10/10/24	78542	78898	356	7	264
11/10/24	78898	79261	363	7	264
12/10/24	79261	79625	364	7	264
13/10/24	79625	79976	351	7	264
14/10/24	79976	80319	343	7	264
15/10/24	80319	80565	337	7	264
16/10/24	80565	80872	307	7	264
17/10/24	80872	81165	293	7	264
18/10/24	81165	81417	252	7	264
19/10/24	81417	81787	370	7	264
20/10/24	81787	82102	315	7	264
21/10/24	82102	82467	359	7	264
22/10/24	82467	82846	385	7	264
23/10/24	82846	83217	371	7	264
24/10/24	83217	83585	368	7	264
25/10/24	83585	83955 83876	311	7	264
26/10/24	83896	84219	323	7	264
27/10/24	84219	84556	337	7	264
28/10/24	84556	84844	288	7	264
29/10/24	84844	85134	290	7	264
30/10/24	85134	85414	280	7	264
31/10/24	85414	85696	282	7	264

Bore well Reading for the month of November
October 2024

Date	^{m3} Reading	^{m3} Current In	^{m3} Gain	pH Value	TDS Value
1/11/24	85696	85986	290	7	264
2/11/24	85986	86256	270	7	264
3/11/24	86256	86529	273	7	264
4/11/24	86529	86811	282	7	264
5/11/24	86811	87081	270	7	264
6/11/24	87081	87371	290	7	264
7/11/24	87371	87716	345	7	264
8/11/24	87716	88008	292	7	264
9/11/24	88008	88280	272	7	264
10/11/24	88280	88665	385	7	264
11/11/24	88665	88943	278	7	278
12/11/24	88943	89253	310	7	278
13/11/24	89253	89582	329	7	278
14/11/24	89582	89885	303	7	278-264
15/11/24	89885	90227	342	7	278-264
16/11/24	90227	90571	344	7	278-264
17/11/24	90571	90942	371	7	264
18/11/24	90942	91218	276	7	264
19/11/24	91218	91539	321	7	264
20/11/24	91539	91880	341	7	264
21/11/24	91880	92069	189	7	264
22/11/24	92069	92446	377	7	264
23/11/24	92446	92738	292	7	264
24/11/24	92738	93041	303	7	264
25/11/24	93041	93342	301	7	264
26/11/24	93342	93672	330	7	264
27/11/24	93672	93981	315	7	264
28/11/24	93981	94234	247	7	264
29/11/24	94234	94543	309	7	264
30/11/24	94543	94833	290	7	264

Bore Well Reading for the month of December 2024

Date	Panpos m ^s	Current ³	Am ^m	Pressure	TDS/Sec
1/12/2024	94833	95113	280	7	264
2/12/2024	95113	95423	310	7	264
3/12/2024	95423	95715	292	7	264
4/12/2024	95715	96055	340	7	264
5/12/2024	96055	96241	186	7	264
6/12/2024	96241	96571	270	7	264
7/12/2024	96571	96791	780	7	264
8/12/2024	96791	96839053	262	7	264
9/12/2024	96839053	97280	267	7	264
10/12/2024	97280	97572	252	7	264
11/12/2024	97572	97845	273	7	264
12/12/2024	97845	98098	390253	7	264
13/12/2024	98098	98359	395261	7	264
14/12/2024	98359	98577-9869	437260	7	264
15/12/2024	98679	98900	378281	7	264
16/12/2024	98900	99267	367	7	264
17/12/2024	99267	99436	169	7	264
18/12/2024	99436	99668	232	7	264
19/12/2024	99668	99948	280	7	264
20/12/2024	99948	100241	293	7	264
21/12/2024	100241	100524	283	7	264
22/12/2024	100524	100817	293	7	264
23/12/2024	100817	101107	290	7	264
24/12/2024	101107	101388	281	7	264
25/12/2024	101388	101599	315211	7	264
26/12/2024	101599	101609	22110	7	264
27/12/2024	101609	101854	245	7	264
28/12/2024	101854	102124	267	7	264
29/12/2024	102124	102367	246	7	264
30/12/2024	102367	102602	235	7	270
31/12/2024	102602	102844	242	7	265

11829 Bone Well Ready for the month of
 January 2025
 m³ Primary m³ Secondary m³ Paved m³ Total

Date	Primary m ³	Secondary m ³	Paved m ³	Total m ³	
1/1/025	102844	103074	230	7	264
2/1/025	103074	103326	252	7	264
3/1/025	103326	103556	230	7	264
4/1/025	103556	103788	232	7	264
5/1/025	103788	104030	242	7	266
6/1/025	104030	104255	225	7	264
7/1/025	104255	104485	230	7	264
8/1/025	104485	104715	230	7	266
9/1/025	104715	104937	222	7	284
10/1/025	104937	105177	240	7	264
11/1/025	105177	105418	241	7	264
12/1/025	105418	105658	240	7	264
13/1/025	105658	105890	232	7	264
14/1/025	105890	106132	242	7	264
15/1/025	106132	106372	240	7	264
16/01/025	106372	106607	235	7	267
17/01/025	106607	106857	250	7	264
18/01/025	106857	107102	245	7	265
19/01/025	107102	107344	242	7	245
20/01/025	107344	107574	230	7	264
21/01/025	107574	107839	265	7	264
22/01/025	107839	108094	255	7	264
23/01/025	108094	108341	247	7	264
24-1-25	108341	108579	238	7	264
25-1-25	108579	108827	248	7	264
26-1-25	108827	109097	270	7	264
27-01-025	109097	109387	290	7	264
28-01-025	109387	109672	285	7	264
29-01-025	109672	109962	295	7	264
30/01-025	109962	110272	310	7	264
31/01-025	110272	111557	1285	7	264
	111557				

105644.5

Good well Reading for the month February

Date	Principals reading	consonants	Total	Rate	TSD
01/02/025	111557	111817	260	7	245
02/02/025	111817	112110	297	7	248
03/02/025	112110	112361	247	7	270
04/02/025	112361	112632	271	7	265
05/02/025	112632	112897	265	7	265
06/02/025	112897	113159	262	7	274
07/02/025	113159	113559	400	7	245
08/02/025	113559	113813	254	7	275
09/02/025	113813	114124	311	7	240
10/02/025	114124	114436	312	7	265
11/02/025	114436	114746	310	7	263
12/02/025	114746	115059	313	7	270
13/02/025	115059	115374	315	7	271
14/02/025	115374	115680	306	7	275
15/02/025	115680	115951	271	7	260
16/02/025	115951	116246	295	7	265
17/02/025	116246	116511	265	7	260
18/02/025	116511	116820	309	7	262
19/02/025	116820	117076	256	7	270
20/02/025	117076	117291	215	7	256
21/02/025	117291	117616	325	7	260
22/02/025	117616	117878	262	7	255
23/02/025	117878	118267	389	7	257
24/02/025	118267	118521	254	7	262
25/02/025	118521	118771	250	7	263
26/02/025	118771	119043	272	7	253
27/02/025	119043	119316	273	7	263
28/02/025	119316	119574	260	7	250
	119574				

Bores well Reading for the month March 2025

Date	Previous level	Current Reading	Total cum	PH value	T.D.S
01/03/25	119576	119816	240	7	261
02/03/25	119816	120086	270	7	250
03/03/25	120086	120341	255	7	265
04/03/25	120341	120631	290	7	269
05/03/25	120631	120936	305	7	265
06/03/25	120936	121226	2090	7	255
07/03/25	121226	121526	200	7	270
08/03/25	121526	121876	350	7	260
09/03/25	121876	122292	416 ⁵⁰⁰⁰⁰⁰	7	281
10/03/25	122292	122547	255	7	255
11/03/25	122547	122805	260	7	262
12/03/25	122805	123100	295	7	272
13/03/25	123100	123410	310	7	241
14/03/25	123410	123715	305	7	248
15/03/25	123715	124030	315	7	256
16/03/25	124030	124320	290	7	260
17/03/25	124320	124706	386	7	275
18/03/25	124706	124967	261	7	245
19/03/25	124967	125267	300	7	265
20/03/25	125267	125557	290	7	270
21/03/25	125557	125817	260	7	255
22/03/25	125817	126117	300	7	265
23/03/25	126117	126146	290	7	266
24/03/25	126146	126461	315	7	261
25/03/25	126461	126756	295	7	244
26/03/25	126756	127106	350	7	281
27/03/25	127106	127406	300	7	280
28/03/25	127406	127686	280	7	280
29/03/25	127686	127956	270	7	281
30/03/25	127956	128301	345	7	272
	128301				

LOG SHEET

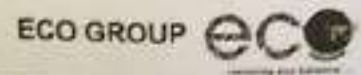
Operation & Maintenance of STP/ETP Capacity Lige KLD Location AMPIKA

Annexure-16

SHIFT I Date: 20/3/2025

Operator Name Brajesh Kumar

Operator Signature Brajesh Kumar



Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	ON	ON				
07:00	ON	ON-2	ON-1	OFF	OFF				
08:00	ON	ON-2	ON-1	ON	ON	78125	61137	1754	Major A/C
09:00	ON	ON-2	ON-2	ON	ON	78130	61183	1753	BACK WASH
10:00	ON	ON-1	ON-2	ON	ON	78137	61190	1756	
11:00	ON	ON-2	ON-1	ON	ON	78144	61197	1757	
12:00	ON	ON-2	ON-1	ON	ON	78151	61203	1758	
13:00	ON	ON-1	ON-2	ON	ON	78158	61209	1759	
14:00	ON	ON-2	ON-2	ON	ON	78165	61215	1760	
			ON-1	ON	ON	78172	61221	1761	
						78179	61227	1762	

SHIFT II Date: 20/3/25

Operator Name Amritpal Singh

Operator Signature Amritpal Singh

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	78179	61227	1762	
15:00	ON	ON-2	ON-2	ON	ON	78184	61231	1763	M.G. FILL
16:00	ON	ON-2	ON-2	ON	ON	78189	61235	1764	A.C.F
17:00	ON	ON-1	ON-1	ON	ON	78194	61239	1765	
18:00	ON	ON-2	ON-2	ON	ON	78199	61243	1766	Backwash
19:00	ON	ON-2	ON-2	ON	ON	78204	61247	1767	
20:00	ON	ON-1	ON-1	ON	ON	78209	61251	1768	
21:00	ON	ON-1	ON-1	ON	ON	78214	61255	1769	
22:00	ON	ON-1	ON-1	ON	ON	78220	61260	1770	

SHIFT III Date: 20/3/25

Operator Name Pooja Singh

Operator Signature Pooja Singh

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	78220	61260	1770	
23:00	ON	ON-2	ON-2	ON	ON	78224	61263	1771	HAZARD
00:00	ON	ON-2	ON-2	ON	ON	78230	61269	1772	
01:00	ON	ON-1	ON-1	ON	ON	78233	61272	1773	35326-
02:00	ON	ON-1	ON-1	ON	ON	78237	61275	1774	35332
03:00	ON	ON-2	ON-2	ON	ON	78240	61278	1775	=16KL
04:00	ON	ON-2	ON-2	ON	ON	78244	61281	1776	
05:00	ON	ON-1	ON-1	ON	ON	78248	61284	1777	
06:00	ON	ON-1	ON-1	OFF	OFF	78252	61287	1778	

Total Inlet KLD: 119 KL

Total Outlet KLD: 110 KL

Total Energy Consumption KW/Day: 24 KW

Chemical Consumption Per Day

Sodium Hypo Chloride 10 liter

Polyelectrolyte

Misc:

(Plant In-Charge)

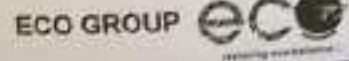
139 (Customer's Representative)

(HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity

KLD Location



SHIFT I Date: 21-2-2025

Operator Name: Gurdeep Singh

Operator Signature: Gurdeep Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	OFF	OFF	78259	61281	1779	M.G.F. A.C.F.
07:00	ON	ON-2	ON-2	ON	ON	78257	61293	1789	Back Wash
08:00	ON	ON-1	ON-1	ON	ON	78266	61309	1781	
09:00	ON	ON-1	ON-1	ON	ON	78273	61303	1781	
10:00	ON	ON-1	ON-1	ON	ON	78285	61311	1783	
11:00	ON	ON-2	ON-2	ON	ON	78297	61317	1783	
12:00	ON	ON-2	ON-2	ON	ON	78304	61323	1784	
13:00	ON	ON-1	ON-1	ON	ON	78301	61328	1793	
14:00	ON	ON	ON-1	ON	ON	78302	61331	1796	

SHIFT II Date: 21/3/25

Operator Name: Anantpal Singh

Operator Signature: Anantpal Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	78308	61335	1786	M.G.F. A.C.F.
15:00	ON	ON-2	ON-2	ON	ON	78313	61339	1787	A.C.F.
16:00	ON	ON-2	ON-2	ON	ON	78318	61343	1788	
17:00	ON	ON-1	ON-1	ON	ON	78323	61347	1789	Backwash
18:00	ON	ON-1	ON-1	ON	ON	78328	61351	1790	
19:00	ON	ON-2	ON-2	ON	ON	78333	61355	1791	
20:00	ON	ON-2	ON-2	ON	ON	78338	61359	1792	
21:00	ON	ON-2	ON-2	ON	ON	78343	61363	1793	
22:00	ON	ON-1	ON-1	ON	ON	78348	61367	1794	

SHIFT III Date: 21/3/25

Operator Name: Gurdeep Singh

Operator Signature: Gurdeep Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	78345	61367	1796	Sludger
23:00	ON	ON-2	ON-2	ON	ON	78349	61370	1797	35382-
00:00	ON	ON-2	ON-2	ON	ON	78352	61373	1798	35425
01:00	ON	ON-2	ON-2	ON	ON	78360	61376	1799	=43KL
02:00	ON	ON-1	ON-1	ON	ON	78364	61379	1800	
03:00	ON	ON-1	ON-1	ON	ON	78368	61382	1801	
04:00	ON	ON-2	ON-2	ON	ON	78372	61385	1802	
05:00	ON	ON-2	ON-2	ON	ON	78376	61388	1803	
06:00	ON	ON-1	ON-1	OFF	OFF	78380	61391	1804	

Total Inlet KLD: 128 KL
Chemical Consumption Per Day

Total Outlet KLD: 104 KL
Sodium Hypo Chloride: 10 Ltr

Total Energy Consumption KW/Day: 26 KW
Polyelectrolyte

Misc

(HCU)

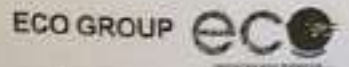
(Customer's Representative)

Date: 22/3/25

Operator Name: *Pranav Prasad*

KLD Location: *AMBILKA*

Operator Signature: *Prasad*



Sl. No.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
101	ON	ON-1	ON-1	OFF	OFF	78550	61391	1804	
102	ON	ON-2	ON-2	ON	ON	78387	61277	1805	M-G-F.E
103	ON	ON-2	ON-2	ON	ON	78314	61403	1806	BACK WASH
104	ON	ON-1	ON-1	ON	ON	78461	61409	1807	
105	ON	ON-2	ON-2	ON	ON	78408	61415	1808	
106	ON	ON-2	ON-2	ON	ON	78415	61421	1809	
107	ON	ON-1	ON-1	ON	ON	78422	61427	1810	
108	ON	ON-1	ON-1	ON	ON	78427	61433	1811	
109	ON	ON-1	ON-1	ON	ON	78436	61439	1812	

Date: 22/3/25

Operator Name: *Anurag Singh*

Operator Signature: *Anurag*

Sl. No.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
110	ON	ON-1	ON-1	OFF	OFF	78436	61439	1812	
111	ON	ON-2	ON-2	ON	ON	78441	61443	1813	M-G-F.E
112	ON	ON-2	ON-2	ON	ON	78446	61447	1814	A-C-F.
113	ON	ON-1	ON-1	ON	ON	78451	61451	1815	
114	ON	ON-1	ON-1	ON	ON	78456	61455	1816	
115	ON	ON-2	ON-2	ON	ON	78461	61459	1817	Backwash
116	ON	ON-2	ON-2	ON	ON	78466	61463	1818	
117	ON	ON-1	ON-1	ON	ON	78471	61467	1819	
118	ON	ON-1	ON-1	ON	ON	78476	61471	1820	

Date: 22/3/25

Operator Name: *Pranav Prasad*

Operator Signature: *Prasad*

Sl. No.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
119	ON	ON-1	ON-1	ON	ON	78476	61471	1820	Backwash
120	ON	ON-1	ON-1	ON	ON	78480	61474	1821	
121	ON	ON-2	ON-2	ON	ON	78484	61477	1822	
122	ON	ON-2	ON-2	ON	ON	78488	61480	1823	
123	ON	ON-1	ON-1	ON	ON	78492	61483	1824	ON-2
124	ON	ON-1	ON-1	ON	ON	78496	61487	1825	35470
125	ON	ON-2	ON-2	ON	ON	78500	61489	1826	=45 KL
126	ON	ON-2	ON-2	ON	ON	78504	61492	1827	
127	ON	ON-2	ON-2	ON	ON	78508	61495	1828	
128	ON	ON-1	ON-1	OFF	OFF				
129	ON	ON-1	ON-1	OFF	OFF				

Total Energy Consumption KW/Day: 24 KW

Total Inlet KLD: 130 KL

Total Outlet KLD: 104 KL

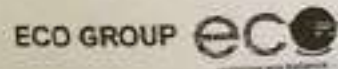
Polyelectrolyte

Moist:

LOG SHEET

Operation & Maintenance of STP/ETP Capacity 400

KLD Location AMBIER



SHIFT I Date: 23/3/2025

Operator Name Bronya Gaudel

Operator Signature Bronya Gaudel

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
07:00	ON	ON-1	ON-1	OFF	OFF	78528	61495	1825	ANALYSE
08:00	ON	ON-2	ON-2	ON	ON	78515	61501	1827	
09:00	ON	ON-2	ON-2			78522	61507	1830	BACKWASH
10:00	ON	ON-1	ON-1			78527	61513	1831	
11:00	ON	ON-1	ON-1	ON	ON	78526	61519	1832	
12:00	ON	ON-2	ON-2			78543	61525	1833	
13:00	ON	ON-2	ON-2			78538	61531	1834	
14:00	ON	ON-1	ON-1			78534	61527	1835	
15:00	ON	ON-1	ON-1	ON	ON	78524	61540	1836	

SHIFT II Date: 23/3/25

Operator Name Aravind Singh

Operator Signature Aravind Singh

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	78564	61543	1836	M-G-T
15:00	ON	ON-2	ON-2	ON	ON	78564	61547	1837	
16:00	ON	ON-2	ON-2	ON	ON	78574	61551	1838	A-G-T
17:00	ON	ON-1	ON-1	ON	ON	78579	61555	1839	
18:00	ON	ON-1	ON-1	ON	ON	78584	61559	1840	Backwash
19:00	ON	ON-1	ON-1	ON	ON	78589	61563	1841	
20:00	ON	ON-2	ON-2	ON	ON	78594	61567	1842	
21:00	ON	ON-2	ON-2	ON	ON	78594	61571	1843	
22:00	ON	ON-1	ON-1	ON	ON	78604	61575	1844	

SHIFT III Date: 23/3/25

Operator Name Aravind Singh

Operator Signature Aravind Singh

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	78604	61575	1844	ANALYSE
23:00	ON	ON-1	ON-1	ON	ON	78608	61579	1845	
24:00	ON	ON-2	ON-2	ON	ON	78612	61581	1846	35470
25:00	ON	ON-2	ON-2	ON	ON	78616	61584	1847	35513
26:00	ON	ON-2	ON-1	ON	ON	78620	61587	1848	=432L
27:00	ON	ON-1	ON-1	ON	ON	78624	61590	1849	
28:00	ON	ON-1	ON-1	ON	ON	78628	61593	1850	
29:00	ON	ON-2	ON-2	ON	ON	78632	61597	1851	
30:00	ON	ON-2	ON-2	OFF	OFF	78636	61600	1852	
31:00	ON	ON-2	ON-1	OFF	OFF	78636	61600	1852	
32:00	ON	ON-1	ON-1	OFF	OFF	78636	61600	1852	

Total Energy Consumption KW/ Day 211.4

Polyelectrolyte

Misc

LOG SHEET

Operation & Maintenance of STP/ETP Capacity 400 KLD Location AMBIKA



SHIFT I Date: 24-3-2025

Operator Name Purdeep Singh

Operator Signature Purdeep Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	OFF	OFF	78636	61599	1833	M.G.F. HCH
07:00	ON	ON-1	ON-1	ON	ON	78642	61603	1853	
08:00	ON	ON-2	ON-2	ON	ON	78650	61611	1854	BACK WASH
09:00	ON	ON-2	ON-2	ON	ON	78657	61617	1855	
10:00	ON	ON-1	ON-1	ON	ON	78664	61623	1856	
11:00	ON	ON-1	ON-1	ON	ON	78671	61629	1857	
12:00	ON	ON-2	ON-2	ON	ON	78678	61635	1858	
13:00	ON	ON-2	ON-2	ON	ON	78685	61641	1859	
14:00	ON	ON-1	ON-1	ON	ON	78692	61647	1860	

SHIFT II Date: 24/3/25

Operator Name Amritpal Singh

Operator Signature Amritpal Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	78692	61647	1860	M.G.F. J
15:00	ON	ON-2	ON-2	ON	ON	78697	61651	1861	
16:00	ON	ON-2	ON-2	ON	ON	78702	61655	1862	A.C.F
17:00	ON	ON-1	ON-1	ON	ON	78707	61659	1863	
18:00	ON	ON-1	ON-1	ON	ON	78712	61663	1864	Backwash
19:00	ON	ON-2	ON-2	ON	ON	78717	61667	1865	
20:00	ON	ON-2	ON-2	ON	ON	78722	61671	1866	
21:00	ON	ON-2	ON-2	ON	ON	78727	61675	1867	
22:00	ON	ON-1	ON-1	ON	ON	78732	61680	1868	
23:00	ON	ON-1	ON-1	ON	ON	78732	61680	1868	

SHIFT III Date: 24/3/25

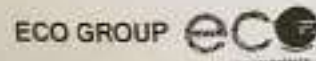
Operator Name Purdeep Singh

Operator Signature Purdeep Singh

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
23:00	ON	ON-1	ON-1	ON	ON	78732	61680	1868	Sanitiser
00:00	ON	ON-2	ON-2	ON	ON	78737	61683	1869	35513 -
01:00	ON	ON-2	ON-2	ON	ON	78742	61687	1870	35558 -
02:00	ON	ON-2	ON-2	ON	ON	78747	61691	1871	=
03:00	ON	ON-1	ON-1	ON	ON	78752	61695	1872	45KL
04:00	ON	ON-1	ON-1	ON	ON	78757	61699	1873	
05:00	ON	ON-2	ON-2	ON	ON	78762	61703	1874	
06:00	ON	ON-2	ON-2	ON	ON	78767	61707	1875	
07:00	ON	ON-1	ON-1	ON	ON	78772	61711	1876	
08:00	ON	ON-1	ON-1	ON	ON	78777	61715	1877	
09:00	ON	ON-1	ON-1	ON	ON	78782	61719	1878	
10:00	ON	ON-1	ON-1	ON	ON	78787	61723	1879	
11:00	ON	ON-1	ON-1	ON	ON	78792	61727	1880	
12:00	ON	ON-1	ON-1	ON	ON	78797	61731	1881	
13:00	ON	ON-1	ON-1	ON	ON	78802	61735	1882	
14:00	ON	ON-1	ON-1	ON	ON	78807	61739	1883	
15:00	ON	ON-1	ON-1	ON	ON	78812	61743	1884	
16:00	ON	ON-1	ON-1	ON	ON	78817	61747	1885	
17:00	ON	ON-1	ON-1	ON	ON	78822	61751	1886	
18:00	ON	ON-1	ON-1	ON	ON	78827	61755	1887	
19:00	ON	ON-1	ON-1	ON	ON	78832	61759	1888	
20:00	ON	ON-1	ON-1	ON	ON	78837	61763	1889	
21:00	ON	ON-1	ON-1	ON	ON	78842	61767	1890	
22:00	ON	ON-1	ON-1	ON	ON	78847	61771	1891	
23:00	ON	ON-1	ON-1	ON	ON	78852	61775	1892	
00:00	ON	ON-1	ON-1	ON	ON	78857	61779	1893	
01:00	ON	ON-1	ON-1	ON	ON	78862	61783	1894	
02:00	ON	ON-1	ON-1	ON	ON	78867	61787	1895	
03:00	ON	ON-1	ON-1	ON	ON	78872	61791	1896	
04:00	ON	ON-1	ON-1	ON	ON	78877	61795	1897	
05:00	ON	ON-1	ON-1	ON	ON	78882	61799	1898	
06:00	ON	ON-1	ON-1	ON	ON	78887	61803	1899	
07:00	ON	ON-1	ON-1	ON	ON	78892	61807	1900	
08:00	ON	ON-1	ON-1	ON	ON	78897	61811	1901	
09:00	ON	ON-1	ON-1	ON	ON	78902	61815	1902	
10:00	ON	ON-1	ON-1	ON	ON	78907	61819	1903	
11:00	ON	ON-1	ON-1	ON	ON	78912	61823	1904	
12:00	ON	ON-1	ON-1	ON	ON	78917	61827	1905	
13:00	ON	ON-1	ON-1	ON	ON	78922	61831	1906	
14:00	ON	ON-1	ON-1	ON	ON	78927	61835	1907	
15:00	ON	ON-1	ON-1	ON	ON	78932	61839	1908	
16:00	ON	ON-1	ON-1	ON	ON	78937	61843	1909	
17:00	ON	ON-1	ON-1	ON	ON	78942	61847	1910	
18:00	ON	ON-1	ON-1	ON	ON	78947	61851	1911	
19:00	ON	ON-1	ON-1	ON	ON	78952	61855	1912	
20:00	ON	ON-1	ON-1	ON	ON	78957	61859	1913	
21:00	ON	ON-1	ON-1	ON	ON	78962	61863	1914	
22:00	ON	ON-1	ON-1	ON	ON	78967	61867	1915	
23:00	ON	ON-1	ON-1	ON	ON	78972	61871	1916	
00:00	ON	ON-1	ON-1	ON	ON	78977	61875	1917	
01:00	ON	ON-1	ON-1	ON	ON	78982	61879	1918	
02:00	ON	ON-1	ON-1	ON	ON	78987	61883	1919	
03:00	ON	ON-1	ON-1	ON	ON	78992	61887	1920	
04:00	ON	ON-1	ON-1	ON	ON	78997	61891	1921	
05:00	ON	ON-1	ON-1	ON	ON	79002	61895	1922	
06:00	ON	ON-1	ON-1	ON	ON	79007	61899	1923	
07:00	ON	ON-1	ON-1	ON	ON	79012	61903	1924	
08:00	ON	ON-1	ON-1	ON	ON	79017	61907	1925	
09:00	ON	ON-1	ON-1	ON	ON	79022	61911	1926	
10:00	ON	ON-1	ON-1	ON	ON	79027	61915	1927	
11:00	ON	ON-1	ON-1	ON	ON	79032	61919	1928	
12:00	ON	ON-1	ON-1	ON	ON	79037	61923	1929	
13:00	ON	ON-1	ON-1	ON	ON	79042	61927	1930	
14:00	ON	ON-1	ON-1	ON	ON	79047	61931	1931	
15:00	ON	ON-1	ON-1	ON	ON	79052	61935	1932	
16:00	ON	ON-1	ON-1	ON	ON	79057	61939	1933	
17:00	ON	ON-1	ON-1	ON	ON	79062	61943	1934	
18:00	ON	ON-1	ON-1	ON	ON	79067	61947	1935	
19:00	ON	ON-1	ON-1	ON	ON	79072	61951	1936	
20:00	ON	ON-1	ON-1	ON	ON	79077	61955	1937	
21:00	ON	ON-1	ON-1	ON	ON	79082	61959	1938	
22:00	ON	ON-1	ON-1	ON	ON	79087	61963	1939	
23:00	ON	ON-1	ON-1	ON	ON	79092	61967	1940	
00:00	ON	ON-1	ON-1	ON	ON	79097	61971	1941	
01:00	ON	ON-1	ON-1	ON	ON	79102	61975	1942	
02:00	ON	ON-1	ON-1	ON	ON	79107	61979	1943	
03:00	ON	ON-1	ON-1	ON	ON	79112	61983	1944	
04:00	ON	ON-1	ON-1	ON	ON	79117	61987	1945	
05:00	ON	ON-1	ON-1	ON	ON	79122	61991	1946	
06:00	ON	ON-1	ON-1	ON	ON	79127	61995	1947	
07:00	ON	ON-1	ON-1	ON	ON	79132	61999	1948	
08:00	ON	ON-1	ON-1	ON	ON	79137	62003	1949	
09:00	ON	ON-1	ON-1	ON	ON	79142	62007	1950	
10:00	ON	ON-1	ON-1	ON	ON	79147	62011	1951	
11:00	ON	ON-1	ON-1	ON	ON	79152	62015	1952	
12:00	ON	ON-1	ON-1	ON	ON	79157	62019	1953	
13:00	ON	ON-1	ON-1	ON	ON	79162	62023	1954	
14:00	ON	ON-1	ON-1	ON	ON	79167	62027	1955	
15:00	ON	ON-1	ON-1	ON	ON	79172	62031	1956	
16:00	ON	ON-1	ON-1	ON	ON	79177	62035	1957	
17:00	ON	ON-1	ON-1	ON	ON	79182	62039	1958	
18:00	ON	ON-1	ON-1	ON	ON	79187	62043	1959	
19:00	ON	ON-1	ON-1	ON	ON	79192	62047	1960	
20:00	ON	ON-1	ON-1	ON	ON	79197	62051	1961	
21:00	ON	ON-1	ON-1	ON	ON	79202	62055	1962	
22:00	ON	ON-1	ON-1	ON	ON	79207	62059	1963	
23:00	ON	ON-1	ON-1	ON	ON	79212	62063	1964	
00:00	ON	ON-1	ON-1	ON	ON	79217	62067	1965	
01:00	ON	ON-1	ON-1	ON	ON	79222	62071	1966	
02:00	ON	ON-1	ON-1	ON	ON	79227	62075	1967	
03:00	ON	ON-1	ON-1	ON	ON	79232	62079	1968	
04:00	ON	ON-1	ON-1	ON	ON	79237	62083	1969	
05:00	ON	ON-1	ON-1	ON	ON	79242	62087	1970	
06:00	ON	ON-1	ON-1	ON	ON	79247	62091	1971	
07:00	ON	ON-1	ON-1	ON	ON	79252	62095	1972	
08:00	ON	ON-1	ON-1	ON	ON	79257	62099	1973	
09:00	ON	ON-1	ON-1	ON	ON	79262	62103	1974	
10:00	ON	ON-1	ON-1	ON	ON	79267	62107	1975	
11:00	ON	ON-1	ON-1	ON	ON	79272	62111	1976	
12:00	ON	ON-1	ON-1	ON	ON	79277	62115	1977	
13:00	ON	ON-1	ON-1	ON	ON	79282	62119	1978	
14:00	ON	ON-1	ON-1	ON	ON	79287	62123	1979	
15:00	ON	ON-1	ON-1	ON	ON	79292	62127	1980	
16:00	ON	ON-1	ON-1	ON	ON	79297	62131	1981	
17:00	ON	ON-1	ON-1	ON	ON	79302	62135	1982	
18:00	ON	ON-1	ON-1	ON	ON	79307	62139	1983	
19:00	ON	ON-1	ON-1	ON	ON	79312	62143	1984	
20:00	ON	ON-1	ON-1	ON	ON	79317	62147	1985	
21:00	ON	ON-1	ON-1	ON	ON	79322	62151	198	

LOG SHEET

Operation & Maintenance of STP/ETP Capacity 4MG KLD Location AMBILKA



SHIFT I Date 25/3/2025

Operator Name D.A.A. Anand

Operator Signature BE Anand

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	OFF	OFF	78764	61904	1896	M.G.F. PCE
07:00	ON	ON-2	ON-2	ON	ON	78781	61718	1877	BACKUP
08:00	ON	ON-2	ON-2	ON	ON	78778	61716	1898	
09:00	ON	ON-1	ON-1	ON	ON	78785	61737	1877	
10:00	ON	ON-1	ON-1	ON	ON	78799	61733	1880	
11:00	ON	ON-2	ON-2	ON	ON	78799	61734	1881	
12:00	ON	ON-2	ON-2	ON	ON	78806	61740	1882	
13:00	ON	ON-1	ON-1	ON	ON	78813	61746	1883	
14:00	ON	ON-1	ON-1	ON	ON	78820	61752	1884	

SHIFT II

Date 25/3/25

Operator Name Amritpal Singh

Operator Signature AS

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	78820	61752	1884	M.G.F. PCE
15:00	ON	ON-2	ON-2	ON	ON	78825	61756	1885	
16:00	ON	ON-2	ON-2	ON	ON	78830	61760	1886	A.G.F
17:00	ON	ON-1	ON-1	ON	ON	78835	61764	1887	
18:00	ON	ON-1	ON-1	ON	ON	78840	61768	1888	Backup
19:00	ON	ON-2	ON-2	ON	ON	78845	61772	1889	
20:00	ON	ON-2	ON-2	ON	ON	78850	61776	1890	
21:00	ON	ON-1	ON-1	ON	ON	78855	61780	1891	
22:00	ON	ON-1	ON-1	ON	ON	78860	61785	1892	

SHIFT III

Date 25/3/25

Operator Name Randeep Singh

Operator Signature RS

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	78860	61785	1892	2.4KWH
23:00	ON	ON-1	ON-1	ON	ON	78864	61788	1893	
00:00	ON	ON-2	ON-2	ON	ON	78868	61791	1894	35550
01:00	ON	ON-2	ON-2	ON	ON	78872	61794	1895	35600
02:00	ON	ON-1	ON-1	ON	ON	78876	61797	1896	=42KL
03:00	ON	ON-1	ON-1	ON	ON	78880	61800	1897	
04:00	ON	ON-2	ON-2	ON	ON	78884	61803	1898	
05:00	ON	ON-2	ON-2	ON	ON	78888	61806	1899	
06:00	ON	ON-1	ON-1	OFF	OFF	78892	61809	1900	

Total Inlet KLD 133.14

Total Outlet KLD 133.14

Total Energy Consumption KW / Day 2.4KWH

Chemical Consumption Per Day

Sodium Hypochlorite 10 Liter

Polyelectrolyte

Misc

(Plant In-Charge)

(Customer's Representative)

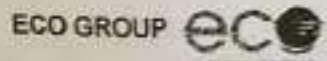
(HOD)

Date: 26/3/2025

Operator Name Brajesh Singh

KLD Location AMBILKA

Operator Signature DS Singh



Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
07:00	ON	ON-1	ON-1	OFF	OFF	78892	61801	1900	
08:00	ON	ON-2	ON-2	ON	ON	78899	61815	1901	M.B.F.E
09:00	ON	ON-1	ON-2	ON	ON	78906	61821	1902	ON K.A.P.
10:00	ON	ON-1	ON-1	ON	ON	78913	61827	1903	
11:00	ON	ON-2	ON-2	ON	ON	78920	61833	1904	
12:00	ON	ON-2	ON-2	ON	ON	78927	61840	1905	
13:00	ON	ON-1	ON-1	ON	ON	78934	61846	1906	
14:00	ON	ON-1	ON-1	ON	ON	78941	61853	1907	
15:00	ON	ON-1	ON-1	ON	ON	78948	61859	1908	

SHIFT II Date: 26-3-2025

Operator Name Gurdeep Singh

Operator Signature Gurdeep Singh

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
16:00	ON	ON-1	ON-1	OFF	OFF	78948	61858	1908	
17:00	ON	ON-2	ON-2	ON	ON	78953	61862	1909	M.B.F.E
18:00	ON	ON-2	ON-2	ON	ON	78958	61866	1910	
19:00	ON	ON-1	ON-1	ON	ON	78963	61870	1911	A.C.F.
20:00	ON	ON-1	ON-1	ON	ON	78968	61874	1912	
21:00	ON	ON-2	ON-2	ON	ON	78973	61878	1913	Recycle
22:00	ON	ON-2	ON-2	ON	ON	78978	61882	1914	
23:00	ON	ON-1	ON-1	ON	ON	78983	61886	1915	
24:00	ON	ON-1	ON-1	ON	ON	78988	61890	1916	

SHIFT III Date: 26/3/25

Operator Name Pandeek Suman

Operator Signature P

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
25:00	ON	ON-1	ON-1	ON	ON	78988	61890	1916	M.B.F.E
26:00	ON	ON-1	ON-2	ON	ON	78993	61893	1917	
27:00	ON	ON-2	ON-2	ON	ON	78996	61896	1918	35100
28:00	ON	ON-2	ON-2	ON	ON	79000	61899	1919	35143
29:00	ON	ON-1	ON-1	ON	ON	79004	61902	1920	-43RL
30:00	ON	ON-1	ON-1	ON	ON	79008	61905	1921	
31:00	ON	ON-2	ON-2	ON	ON	79012	61908	1922	
32:00	ON	ON-2	ON-2	ON	ON	79016	61911	1923	
33:00	ON	ON-2	ON-2	ON	ON	79020	61914	1924	
34:00	ON	ON-1	ON-1	ON	ON				
35:00	ON	ON-1	ON-1	ON	ON				
36:00	ON	ON-1	ON-1	ON	ON				

Total Inlet KLD 129 KL

Total Outlet KLD 105 KL
Sodium Hypo Chloride 10 Ltr

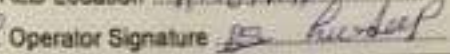
Total Energy Consumption KW / Day 2466

Polyelectrolyte

Mud

Shift Date: 27/3/2025

Operator Name: Anoop Kumar

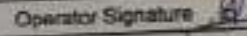
Operator Signature: 

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79070	61914	1924	M.G.F. H.C.
15:00	ON	ON-1	ON-1	ON	ON	79077	61950	1953	ABK EPO
16:00	ON	ON-9	ON-2	ON	ON	79074	61987	1986	
17:00	ON	ON-9	ON-2	ON	ON	79081	61933	1927	
18:00	ON	ON-1	ON-1	ON	ON	79047	61933	1933	
19:00	ON	ON-1	ON-1	ON	ON	79055	61945	1939	
20:00	ON	ON-2	ON-2	ON	ON	79063	61959	1950	
21:00	ON	ON-2	ON-2	ON	ON	79071	61959	1951	
22:00	ON	ON-1	ON-1	ON	ON	79079	61966	1959	

SHIFT: A

Date: 27-3-2025

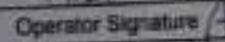
Operator Name: Anoop Kumar

Operator Signature: 

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79074	61966	1932	M.G.F. H.C.
15:00	ON	ON-2	ON-2	ON	ON	79085	61971	1933	A.C.F.
16:00	ON	ON-2	ON-2	ON	ON	79091	61976	1934	
17:00	ON	ON-2	ON-2	ON	ON	79097	61981	1935	Backwash
18:00	ON	ON-1	ON-1	ON	ON	79103	61986	1936	
19:00	ON	ON-1	ON-1	ON	ON	79109	61991	1937	
20:00	ON	ON-2	ON-2	ON	ON	79115	61996	1938	
21:00	ON	ON-2	ON-2	ON	ON	79121	62001	1939	
22:00	ON	ON-1	ON-1	ON	ON	79127	62006	1940	

SHIFT: C Date: 27/3/25

Operator Name: Pardeep Singh

Operator Signature: 

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	79127	62006	1940	CHARDEN
23:00	ON	ON-2	ON-2	ON	ON	79131	62009	1941	35643-
00:00	ON	ON-2	ON-2	ON	ON	79135	62012	1942	35187
01:00	ON	ON-1	ON-1	ON	ON	79139	62015	1943	-44KL
02:00	ON	ON-1	ON-1	ON	ON	79143	62018	1944	
03:00	ON	ON-1	ON-1	ON	ON	79147	62021	1945	
04:00	ON	ON-2	ON-2	ON	ON	79151	62024	1946	
05:00	ON	ON-2	ON-2	ON	ON	79155	62027	1947	
06:00	ON	ON-1	ON-1	ON	ON	79159	62030	1948	

Total Inlet KLD: 139KL

Total Outlet KLD: 116KL

Total Energy Consumption KW/Day: 240KW

Sodium Hypo Chloride: 10200g

Polyelectrolyte

Misc.

Chemical Consumption Per Day

(Customer's Representative)

Date: 28/3/25 Operator Name: *Aravind Singh* Operator Signature: *[Signature]*

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79159	62030	1943	M.G.F.C.F.
15:00	ON	ON-2	ON-2	ON	ON	79167	62037	1949	BACK WASH
16:00	ON	ON-2	ON-2	"	"	79175	62044	1950	
17:00	ON	ON-1	ON-1	"	ON	79189	62030	1951	
18:00	ON	ON-1	ON-1	ON	ON	79189	62036	1953	
19:00	ON	ON-2	ON-2	ON	ON	79197	62067	1953	
20:00	ON	ON-1	ON-2	ON	ON	79203	62070	1954	
21:00	ON	ON-2	ON-1	ON	ON	79211	62077	1956	
22:00	ON	ON-1	ON-1	ON	ON	79221	62084	1956	

SHIFT II Date: 28/3/25 Operator Name: *Aravind Singh* Operator Signature: *[Signature]*

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79221	62084	1956	M.G.F.C.F.
15:00	ON	ON-2	ON-2	ON	ON	79227	62087	1957	A.G.F.
16:00	ON	ON-2	ON-2	ON	ON	79233	62094	1958	
17:00	ON	ON-2	ON-2	ON	ON	79239	62099	1959	
18:00	ON	ON-1	ON-1	ON	ON	79245	62104	1960	Backwash
19:00	ON	ON-1	ON-1	ON	ON	79251	62109	1961	
20:00	ON	ON-2	ON-2	ON	ON	79257	62114	1962	
21:00	ON	ON-2	ON-2	ON	ON	79263	62119	1963	
22:00	ON	ON-1	ON-1	ON	ON	79269	62124	1964	

SHIFT III Date: 28/3/25 Operator Name: *Pardeep Singh* Operator Signature: *[Signature]*

Time	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	79269	62120	1964	M.G.F.C.F.
23:00	ON	ON-2	ON-2	"	"	79273	62122	1965	35.687
00:00	ON	ON-2	ON-2	"	"	79277	62124	1966	35.33
01:00	ON	ON-2	ON-2	"	"	79281	62126	1967	46ML
02:00	ON	ON-1	ON-1	ON	ON	79285	62128	1969	
03:00	ON	ON-1	ON-1	"	"	79289	62130	1970	
04:00	ON	ON-2	ON-2	"	"	79293	62132	1971	
05:00	ON	ON-2	ON-2	"	"	79297	62134	1972	
06:00	ON	ON-1	ON-1	OFF	OFF	79301	62136	1973	

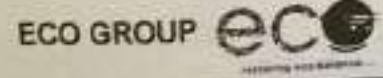
Total Inlet KLD: 142 KL
 Total Outlet KLD: 106 KL
 Sodium Hypo Chloride: 10 Ltr
 Total Energy Consumption KW / Day: 25 KW
 Polyelectrolyte: Misc

SHIFT I

Date: 29/3/2025

Operator Name: *Grajesh Bhandari*

KLD Location: *RD/D/KP*



Operator Signature: *Grajesh Bhandari*

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
07:00	ON	ON-1	ON-1	OFF	OFF	79301	62136	1933	M.G.F-PCE
08:00	ON	ON-2	ON-2	ON	ON	79304	62143	1934	
09:00	ON	ON-2	ON-2	ON	ON	79317	62150	1935	BACK WASH
10:00	ON	ON-1	ON-1	ON	ON	79324	62156	1936	
11:00	ON	ON-1	ON-1	ON	ON	79331	62163	1937	
12:00	ON	ON-2	ON-2	ON	ON	79338	62169	1938	
13:00	ON	ON-2	ON-2	ON	ON	79345	62174	1939	
14:00	ON	ON-1	ON-1	ON	ON	79352	62180	1940	
15:00	ON	ON-1	ON-1	ON	ON	79359	62186	1940	

SHIFT II Date: 29/3/25

Operator Name: *Amritpal Singh*

Operator Signature: *Amritpal Singh*

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79354	62186	1940	M.G.F-P
15:00	ON	ON-2	ON-2	ON	ON	79365	62191	1941	A.C-F
16:00	ON	ON-2	ON-2	ON	ON	79371	62196	1942	
17:00	ON	ON-2	ON-2	ON	ON	79377	62201	1943	Backwash
18:00	ON	ON-1	ON-1	ON	ON	79383	62206	1944	
19:00	ON	ON-1	ON-1	ON	ON	79389	62211	1945	
20:00	ON	ON-2	ON-2	ON	ON	79393	62216	1946	
21:00	ON	ON-2	ON-2	ON	ON	79399	62221	1947	
22:00	ON	ON-1	ON-1	ON	ON	79405	62225	1948	

SHIFT III Date: 29/3/25

Operator Name: *Pardeep Singh*

Operator Signature: *Pardeep Singh*

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	79405	62225	1948	0.815M
23:00	ON	ON-2	ON-2	ON	ON	79409	62229	1949	35233-
00:00	ON	ON-2	ON-2	ON	ON	79413	62233	1950	35775
01:00	ON	ON-1	ON-1	ON	ON	79417	62237	1951	=42KL
02:00	ON	ON-1	ON-1	ON	ON	79421	62237	1952	
03:00	ON	ON-2	ON-2	ON	ON	79425	62240	1953	
04:00	ON	ON-2	ON-2	ON	ON	79429	62243	1954	
05:00	ON	ON-1	ON-1	ON	ON	79433	62246	1955	
06:00	ON	ON-1	ON-1	ON	ON	79437	62249	1956	

Total Energy Consumption KW / Day: *24KL*
 Polyelectrolyte

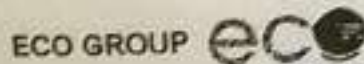
Misc:

(HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity 400

KLD Location AMBILKA



SHIFT I Date: 30/3/2025

Operator Name Amritpal Singh

Operator Signature [Signature]

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	OFF	OFF	79437	62249	1998	M.G.P.H.C.F.
07:00	ON	ON-2	ON-2	ON	ON	79444	62255	1999	BACK PUMP
08:00	ON	ON-2	ON-2			79451	62261	1999	
09:00	ON	ON-1	ON-1			79458	62267	2000	
10:00	ON	ON-1	ON-1	ON	ON	79465	62273	2001	
11:00	ON	ON-1	ON-1			79472	62279	2002	
12:00	ON	ON-2	ON-2			79479	62285	2003	
13:00	ON	ON-1	ON-1			79486	62291	2004	
14:00	ON	ON-1	ON-1	ON	ON	79493	62297	2005	

SHIFT II Date: 30/3/25

Operator Name Amritpal Singh

Operator Signature [Signature]

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79493	62297	2005	M.G.F.P.
15:00	ON	ON-2	ON-2	ON	ON	79499	62302	2006	A.C.F.
16:00	ON	ON-2	ON-2	ON	ON	79505	62307	2007	
17:00	ON	ON-1	ON-1	ON	ON	79511	62312	2008	Back Pump
18:00	ON	ON-1	ON-1	ON	ON	79517	62317	2009	
19:00	ON	ON-2	ON-2	ON	ON	79523	62322	2010	
20:00	ON	ON-2	ON-2	ON	ON	79529	62326	2011	
21:00	ON	ON-1	ON-1	ON	ON	79535	62331	2012	
22:00	ON	ON-1	ON-1	ON	ON	79541	62336	2013	

SHIFT III Date: 30/3/25

Operator Name Pardeep Singh

Operator Signature [Signature]

Time Hrs	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	79541	62336	2013	GARDEN
23:00	ON	ON-2	ON-2			79545	62339	2014	35975
00:00	ON	ON-2	ON-2			79549	62342	2015	35920
01:00	ON	ON-1	ON-1			79553	62345	2016	=45KL
02:00	ON	ON-1	ON-1	ON	ON	79557	62348	2017	
03:00	ON	ON-1	ON-1			79561	62351	2018	
04:00	ON	ON-2	ON-2			79565	62354	2019	
	ON	ON-2	ON-2			79569	62357	2020	
	ON	ON-1	ON-1	off	off	79573	62360	2021	

Total Energy Consumption KW / Day

Misc.

SHIFT I Date: 31/3/2025 Operator Name: Brajesh Kumar Operator Signature: BS Kumar

Time Hrs.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06:00	ON	ON-1	ON-1	OFF	OFF	79573	62360	2021	M.G. - R.C.
07:00	ON	ON-2	ON-2	ON	ON	79580	62366	2022	R.A. - Wash
08:00	ON	ON-1	ON-2	ON	ON	79587	62373	2023	
09:00	ON	ON-1	ON-2	ON	ON	79584	62378	2024	
10:00	ON	ON-2	ON-1	ON	ON	79599	62385	2025	
11:00	ON	ON-2	ON-1	ON	ON	79600	62392	2026	
12:00	ON	ON-1	ON-2	ON	ON	79609	62399	2027	
13:00	ON	ON-1	ON-2	ON	ON	79615	62403	2028	
14:00	ON	ON-2	ON-1	ON	ON	79622	62401	2029	

SHIFT II Date: 31/3/25 Operator Name: Amritpal Singh Operator Signature: [Signature]

Time Hrs.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14:00	ON	ON-1	ON-1	OFF	OFF	79622	62411	2029	M.G. - F.d
15:00	ON	ON-2	ON-2	ON	ON	79628	62416	2030	A-G-F
16:00	ON	ON-2	ON-2	ON	ON	79634	62421	2031	
17:00	ON	ON-1	ON-1	ON	ON	79640	62426	2032	
18:00	ON	ON-1	ON-1	ON	ON	79646	62431	2033	Backwash
19:00	ON	ON-2	ON-2	ON	ON	79652	62436	2034	
20:00	ON	ON-2	ON-2	ON	ON	79658	62441	2035	
21:00	ON	ON-1	ON-1	ON	ON	79664	62446	2036	
22:00	ON	ON-1	ON-1	ON	ON	79670	62450	2037	

SHIFT III Date: 31/3/25 Operator Name: Pasdeep Singh Operator Signature: [Signature]

Time Hrs.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22:00	ON	ON-1	ON-1	ON	ON	79670	62450	2037	CHASIN
23:00	ON	ON-2	ON-2	ON	ON	79674	62453	2038	35P20-
00:00	ON	ON-2	ON-2	ON	ON	79678	62457	2039	35P2
01:00	ON	ON-1	ON-1	ON	ON	79683	62459	2040	=42KL
02:00	ON	ON-1	ON-1	ON	ON	79686	62462	2041	
03:00	ON	ON-2	ON-2	ON	ON	79690	62465	2042	
04:00	ON	ON-2	ON-2	ON	ON	79694	62468	2043	
05:00	ON	ON-2	ON-2	ON	ON	79698	62471	2044	
06:00	ON	ON-1	ON-1	ON	ON	79702	62474	2045	

Total Energy Consumption KW/Day: _____
 Polyelectrolyte: _____
 Sodium Hypo Chloride: 10 later