AMBIKA
Enhancing lifestyle

AMBIKA REALCON DEVELOPERS PRIVATE LIMITED

Sales Office : LA Parisian, Sector 66 Beta, IT City, Mohali, Punjab - 140307
Corporate Office : SCO: 18-19, Ist Floor, Sector 9-D, Chandigarh - 160009, Tel. : 0172-4046768
Regd. Office : Building No. 251, Glatt Building, 2nd Floor, Behind Modi Flour Mill, Okhla, Phase III, New Delhi - 110020, Tel : 011-49096110

(CIN No. : U70109DL2018PTC332737)

Date: 04.05.2024

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: eccompliance-nro@gov.in and ronz.chd-mef@nic.in).

Subject: Submission of Six Monthly Compliance Report for period ending 31.03.2024 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 31.03.2024 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.

04/05/2024

(Authorized Signatory)

CC: 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).

2024

SIX MONTHLY COMPLIANCE REPORT
(Period ending 31.03.2024)

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:

Eco Paryavaran Laboratories and Consultants Private Limited

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CONTENT

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 in the name of M/s Ambika Realcon Pvt. Ltd. by SEIAA, Punjab vide Letter No. SEIAA/688 dated 24.05.2018 in; 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 the Environment 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. The layout plan has been approved by GMADA with minor changes and the total built up area has been reduced to 1,11,858.063 sq.m. As per the revised approved layout plan, project consists of 576 dwelling units, and 17 no. of commercial shops. Accordingly, other pollution load etc. has been reduced. The total estimated cost of the project as per EC Letter is Rs.225.67 Crores. However, revised estimated cost for project is Rs. 298.20 Crores (2023).
	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.	Rs.225.67 Crores as per EC letter. Estimated cost for project -Rs. 244.76 Crores (2021). Revised estimated cost for project is Rs. 298.20 Crores (2023). CA certificate is attached as **Annexure-2.**
	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.258.03 Crores has been spent on the project till 31.03.2024
	f) Actual expenditure incurred on the environmental management plans so far.	Approx. Rs 51,501 has been spent on the Environmental Management Plan till 31.03.2024.

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 *(such as submergence area of reservoir, approach road)* if any, with quantitative information.**	Not applicable
12.	**Status of construction:**	Project is in partial operational phase and approximately 97% construction work has been completed. Current construction status of the project is attached along as **Annexure 3.**
	a) Date of commencement (actual and/or planned)	June, 2018
	b) Date of completion (actual and/or planned)	Phase-1 -Nov, 2023 Planned date of Completion- March, 2025.
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 31.03.2024

PART-A – SPECIFIC CONDITIONS:

I. Pre-Construction Phase

Sl. 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) and its Extn. has already been obtained from PPCB and same is valid till 29.06.2024; copy of the grant certificates of CTE & CTE Extn. is enclosed as **Annexure 4(a) and 4(b).**
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 like toilets etc. are maintained at the project 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 were provided for construction laborers.

II. Construction Phase: Construction has already been completed, only electrical, plumbing work is going on in two towers.

Sl. 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	Minimum muck was generated from construction activities. However, Dust suppression measures are being implemented such as water spraying measures to minimize the impact on the

	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.	environment. Tarpaulin sheet covers were provided on construction materials and on top of the trucks carrying raw materials. Photographs showing the same is attached as **Annexure-7.**
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 is 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 are monitored on regular intervals for pollution levels and are well maintained. PUC certificates of some of the vehicles are attached along as **Annexure-8.**
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.
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. Quantity of fly ash used is 12052.64 MT till 31.03.2024. Details regarding the quantity of fly ash used is attached as **Annexure-19.**
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 being 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 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. has been installed. Photographs of flow meter is attached as **Annexure 7.**
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	Dual plumbing system for reuse of treated wastewater for flushing has been provided and also color coding system will be complied.

	Treated wastewater: Green (for reuse) Treated wastewater: Yellow (for discharge) 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.	(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.	Energy Conservation Building Code (ECBC) and National Building Code (NBC) is being followed to conserve the energy. The same is being complied. Solar panels on nine towers has been installed for capacity 126 KW i.e 14 KW per tower each.
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. Maintenance of DG sets will be done on regular intervals.
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. Mechanical composter of 250 kg has been installed. Photographs of the same is attached as **Annexure-7.**
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.
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 allow	Noted. The same has been complied.

	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 as well as 1040 no. of trees are provided within the project as per the proposal. Photographs of green area along with tree plantation is attached as **Annexure-7.**

III- OPERATION PHASE AND ENTIRE LIFE

<table>
<tr><th>Sl. No.</th><th>Compliance Required</th><th>Reply</th></tr>
<tr><td>1</td><td>"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.</td><td>Noted.
Partial Consent to Operate (CTO) Air and CTO Water has been obtained for 574 DU's from PPCB valid till 31.03.2027. Copy of the same is attached as Annexure-10(a) and Annexure 10(b).</td></tr>
<tr><td>2</td><td>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.</td><td>Noted. Same will be complied.</td></tr>
<tr><td>3</td><td>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:
<table>
<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>
<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>
</table>
b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts</td><td>Same will be complied.
The domestic waste water 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.
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.
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.</td></tr>
</table>

	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.	
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.
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 being provided for collection, segregation, handling, on site storage & processing of solid waste such as wet & dry bins, collection center & mechanical composter etc. Also, a proper record in this regard will be 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 will be complied.
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.	Noted. 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 7.**
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-9(a) and Annexure-9(b).**
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.	Noted. Adequate green belt has been developed within premises. Photographs showing the green area developed is attached along as **Annexure 7.**

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 for capacity 126 KW 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-20.**

PART B – GENERAL CONDITIONS:

I. PRE-CONSTRUCTION PHASE

SI. 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 is already submitted to the Regional Office, Ministry of Environment & Forests, Chandigarh and SEIAA, Punjab. The same is attached as **Annexure-16.**
3.	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging	Water requirement will be met through GMADA Supply. NOC from GMADA

	of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.	has already been obtained; copy of same is attached along as **Annexure 18.**
4.	The project proponent shall obtain CLU from the competent authority if applicable.	CLU is not applicable, as GMADA has allotted land. Copy of allotment letter is attached as **Annexure 11.**
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. Also, copy of same has already been uploaded on the website of the company; screenshot showing the same is attached as **Annexure 12.**

II. CONSTRUCTION PHASE

Sl. 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 31.03.2024, approx. Rs 51,501 has been spent on the Environmental Management Plan (EMP) and approx. Rs. 61,123 has been spent on CSR activities till 31.03.2024. Photographs showing CSR activities is attached as **Annexure-17.**

III. OPERATION PHASE AND ENTIRE LIFE

Sl. 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. 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:	Noted. Adequate amount is being spent on EMP as well as for CSR activities as per the commitments made in the proposal. 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 31.03.2024, approx. Rs 51,501 has been spent on the Environmental Management Plan (EMP) and approx.

	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.	Rs. 61,123 has been spent on CSR activities till 31.03.2024. Photographs showing CSR activities is attached as **Annexure-17.**
2	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.	Noted. Any diesel generator sets to be provided will conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.

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.
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.
4.	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.	The environmental safeguards are being implemented in true 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	Test reports showing the results of ambient air quality, ambient noise levels, soil and water quality are within limit and is attached along as **Annexure 13**.

	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.	
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 are being obtained as per requirement. Copy of approval from Civil Aviation Department is attached along as **Annexure 14**.
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.
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 1st June and 1st December of each calendar year.	Regular 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 15.**
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 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.	Full cooperation, facilities and documents/ data is being given to the respective authority by the project proponent during inspection.

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.	If any changes will be made, then a fresh appraisal will be submitted to SEIAA, Punjab.
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.	Same has been complied. Status of compliance of the stipulated EC conditions, including results of monitored data is being uploaded on the website of the company and same is being updated periodically. Screenshot showing the same is attached as **Annexure 12.** Regular 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 PARIVESH portal also. Screenshot of earlier submitted compliance is attached as **Annexure 15.** Also, display Board has been placed at the main gate; photograph of display board attached as **Annexure-7.**
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.
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. Name 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.	Plantation/green belt has been provided as per the SEIAA guidelines and as per notification by MoEF&CC, New Delhi.
17.	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.	Noted. Same is being complied.

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

<table>
<tr><td>4.</td><td>Total Plot area, Built-up Area and Green area</td><td>The details of the area development project is as under:
<table>
<tr><th>S. No.</th><th>Description</th><th>Details</th></tr>
<tr><td>1.</td><td>Plot area</td><td>28,044.71 sq.m. (or 6.93 acres)</td></tr>
<tr><td>2.</td><td>Built-up area</td><td>1,23,346.811 sq.m.</td></tr>
<tr><td>3.</td><td>Residential complex</td><td>8 towers</td></tr>
<tr><td>4.</td><td>Residential D.U.</td><td>604 D.U.</td></tr>
<tr><td>5.</td><td>Total Water requirement</td><td>618 KLD</td></tr>
<tr><td>6.</td><td>Total Wastewater</td><td>498 KLD</td></tr>
<tr><td>7.</td><td>Solid waste Generated</td><td>1268 kg/day</td></tr>
<tr><td>8.</td><td>Rain water Recharging Pits</td><td>2 Pits</td></tr>
<tr><td>9.</td><td>Parking Proposed</td><td>1039 ECS</td></tr>
</table></td></tr>
<tr><td>5.</td><td>Population</td><td>(i) Residential population of 3,020 Persons.
(ii) Commercial population of 300 Persons.</td></tr>
<tr><td>6.</td><td>Water Requirements & source</td><td>
<table>
<tr><th>Break up of water requirement</th><th>Source</th></tr>
<tr><td>Total: 669 KLD

Domestic:618 KLD
Green Area:51 KLD
Fresh: 477 KLD
Flushing: 141 KLD
Green Area 9240.64 sqm : 51 KLD</td><td>-

GMADA Supply
Treated waste water
Treated waste water</td></tr>
</table></td></tr>
<tr><td>7.</td><td>Disposal Arrangement of Waste water</td><td>Total = 498 KLD
Waste water will be treated in the STP of GMADA. 141 KLD treated waste water will be used for flushing purposes.</td></tr>
</table>

		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	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	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	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			

<table>
<tr><td></td><td>break up phase wise and responsibility to implement</td><td>responsible for the same.<table><tr><th>Description</th><th>Capital Cost</th><th>Recurring Cost (per annum)</th></tr><tr><td>Construction</td><td>Rs. 181 lac</td><td>Rs. 4.5 lac</td></tr><tr><td>Operation</td><td>-</td><td>Rs. 7 lac</td></tr><tr><td>Monitoring of Air, Noise water.</td><td>-</td><td>Rs. 1 lac (construction phase)
Rs. 1 lac (operation phase)</td></tr></table></td></tr>
<tr><td>13.</td><td>CSR activities alongwith budgetary break up and responsibility to implement</td><td>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.
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.</td></tr>
</table>

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 (for reuse)	:	Green
h. Treated wastewater (for discharge)	:	Yellow
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/-

Member Secretary

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

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/ 1483 **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.

Member Secretary

AMBIKA
Enhancing lifestyle

AMBIKA REALCON DEVELOPERS PRIVATE LIMITED

Sales Office : LA Parisian, Sector 66 Beta, IT City, Mohali, Punjab - 140307
Corporate Office : SCO: 18-19, Ist Floor, Sector 9-D, Chandigarh - 160009, Tel. : 0172-4046768
Regd. Office : Building No. 251, Glatt Building, 2nd Floor, Behind Modi Flour Mill, Okhla, Phase III, New Delhi - 110020, Tel : 011-49096110

(CIN No. : U70109DL2018PTC332737)

TO WHOM IT MAY CONCERN

Dated – 26th September, 2023

This is to inform that the Projected Total Cost of the Project **"AMBIKA HOMES (LA PARISIAN)"** located at Sector 66 Beta, SAS Nagar (Mohali), Punjab by **M/s Ambika Realcon Developers Private Limited** is Rs Twenty Nine Thousand Eight Hundred Twenty Lacs only, bifurcation as given hereunder:

PARTICULARS	AMOUNT (In Lacs)
Allotment Price of Land	6,804
Development Cost	22,929
Plant & Machinery	87
Total	**29,820**

These projections are for submission with Punjab Pollution Control Board, Patiala for partial Consent to Operate (CTO) exclusively.

For Ambika Realcon Developers Pvt. Ltd.

AMBIKA REALCON DEVELOPERS PVT. LTD.

26/09/2023

Authorised Signatory
(R K Aggarwal)
9870137222

CONSTRUCTION STATUS OF THE PROJECT

SI. No	Building / Tower Name	Building/ Tower/ Block Floors Number	Construction status (%)			
			Structural Activity (in %)	Finishing Activity (in %)	Electrical Activity (in %)	Fire & Plumbing Activity (in %)
1.	T1 Savoye -A	B+G+15	100	100	100	100
2.	T2 Savoye -B	B+G+15	100	100	100	100
3.	T3 Savoye -C	B+G+15	100	100	100	100
4.	T4 Savoye -D	B+G+15	100	80	90	95
5.	T5 Versailles	B+G+15	100	85	90	95
6.	T6 Triomphe -D	B+G+15	100	100	100	100
7.	T7 Triomphe -C	B+G+15	100	100	100	100
8.	T8 Triomphe -B	B+G+15	100	100	100	100
9.	T9 Triomphe -A	B+G+15	100	100	100	100
10.	Non Tower Area	Single Basement	100	100	100	100

PHOTOGRAPHS OF CONSTRUCTION SITE

T1 Savoye –A

T2 Savoye -B

T3 Savoye -C

T4 Savoye -D

T5 Versailles

T6 Triomphe -D

T7 Triomphe -C

T8 Triomphe -B

T9 Triomphe -A

DISPLAY BOARD

PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : **Registered/Speed Post** **Date:**

Industry Registration ID: *R18SAS267076* **Application No :** *9282540*

To,

Diwaker Bansal
M/s. Ambika Realcon Developers Pvt. Ltd. Corporate Office: Sco 64 & 65, Sector 17a, Chandigarh Chandigarh,Chandigarh-160017

Subject: Grant of ï¿½Consent to Establishï¿½(NOC) for an industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining fresh 'Consent to Establish'(NOC) an industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to establish the industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

1.Particulars of Consent to Establish (NOC) granted to the Industry

Certificate No.	*CTE/Fresh/SAS/2019/9282540*
Date of issue :	*03/06/2019*
Date of expiry :	*02/06/2020*
Certificate Type :	*Fresh*

2. Particulars of the Industry

Name & Designation of the Applicant	*Harsh Bhargav, (Vice President)*
Address of Industrial premises	*Ambika Homes (la Parisian) By M/s. Ambika Realcon Developers Pvt. Ltd., Site No. 2, It City, Sector 66-beta, S.a.s. Nagar (mohali), Punjab, Mohali,Sas Nagar-160059*
Capital Investment of the Industry	*22568.0 lakhs*
Category of Industry	*Red*
Type of Industry	*1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above*
Scale of the Industry	*Large*
Office District	*Sas Nagar*
Consent Fee Details	NOC fee Rs. 588000/- vide UTR no. ORBCR52018090700076085 dated 09/07/2018 (including Rs. 500/- as the application form fee)

Raw Materials (Name with quantity per day)	*Group Housing Project having 576 flats and 17 shops.*
Products (Name with quantity per day)	*Group Housing Project having 576 flats and 17 shops.*
By-Products, if any,(Name with quantity per day)	--
Details of the machinery and processes	*As mentioned in application 9282540*
Details of the Effluent Treatment Plant	*Domestic Effluent @ 473.0 KLD*
Mode of Disposal of Effluent	*Adequate amt. treated wastewater will be obtained from GMADA STP & will use for flushing & green area of 2.12 acre. (As per application form)*
Standards to be achieved under Water (Prevention & Control of Pollution) Act, 1974	*As per effluent standards prescribed by the PPCB/ MoEF&CC from time to time.*
Sources of emissions and type of pollutants	*1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set.* *2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.*
Mode of disposal of emissions with stack height	*1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set.* *2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.*
Quantity of fuel required in TPD	*1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set.* *2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.*
Type of Air Pollution Control Devices to be installed	*1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set.* *2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.*
Standars to be achieved under Air (Prevention & Control of Pollution) Act, 1981	*As per emission standards prescribed by the PPCB/ MoEF&CC from time to time.*

03/06/2019

(Rakesh Kumar)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.: **Dated:**

A copy of the above is forwarded to the following for information and necessary action please:
The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar

03/06/2019

(Rakesh Kumar)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act,1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952.
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

   Specifications of the port-holes shall be as under:-

   i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:-

   De = 2 LW / (L+W)

   Where L= length in mts. W= Width in mts.

   ii) The sampling port shall be 7 to 10 cm in diameter

9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

   (i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	*Less than 2 ton/hr.*	9 meters or 2.5 times the height of neighboring building which ever is more
2.	*More than 2 ton/hr. to 5 ton/hr.*	12 meters
3.	*More than 5 ton/hr. to 10 ton/hr*	15 meters
4.	*More than 10 ton/hr. to 15 ton/hr*	18 meters
5.	*More than 15 ton/hr. to 20 ton/hr*	21 meters
6.	*More than 20 ton/hr. to 25 ton/hr.*	24 meters
7.	*More than 25 ton/hr. to 30 ton/hr.*	27 meters
8.	*More than 30 ton/hr.*	30 meters or using the formula H = 14 Qg0.3or H = 74 (Qp)0.24 Where Qg = Quantity of SO2 in Kg/hr. Qp = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h+0.2 (KVA)0.5$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

    (i) Once in Year for Small Scale Industries.

    (ii) Four in a Year for Large/Medium Scale Industries.

    (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.

12. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

13. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-

    (i) Once in Year for Small Scale Industries.

    (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.

14. The pollution control devices shall be interlocked with the manufacturing process of the industry.

15. The Board reserves the right to revoke this ï¿½consent to establishï¿½ (NOC) at any time, in case the industry is found violating any of the conditions of this ï¿½consent to establishï¿½ and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.

16. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

17. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.

19. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

20. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.

    (i) Where unavoidable to prevent loss of life or some property damage or

    (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

22. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.

23. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.

24. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.

25. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.

26. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.

27. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified

28. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water.

29. The industry shall submit a detailed plan showing therein, the distribution system for conveying waste-waters for application on land for irrigation along with the crop pattern to be adopted throughout the year.

30. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

31. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.

32. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

33. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.

34. The industry shall maintain the following record to the satisfaction of the Board :-

    (i) Log books for running of air pollution control devices or pumps/motors used for it.

    (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

    (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

35. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

36. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.

37. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry

03/06/2019

(Rakesh Kumar)
Environmental Engineer

For & on behalf

PUNJAB

B. SPECIAL CONDITIONS

1. The NOC is granted for a period of one year for Group Housing Project having 576 flats and 17 commercial shops and the domestic effluent @ 473 KLD, which shall be discharged into the internal sewerage system to be laid down in the project site and the same shall be connected to the sewer leading to STP of GMADA.

2. The project proponent shall give the possession of the residential units of the project to the customers only after EITHER supply of tertiary water is started by the GMADA or it has installed its own STP of 550 KLD capacity for the treatment of wastewater generation from the project premises as per under taking submitted by it.

03/06/2019

(Rakesh Kumar)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

PUNJAB POLLUTION CONTROL BOARD

Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh
Website:- www.ppcb.gov.in

Office Dispatch No.: PBIP/2023/3220 Date: 22/11/2023.

To

RAJINDER KUMAR AGGARWAL
HOUSE NO. 1239,
S.A.S NAGAR, MOHALI - 160047

Subject:- Extension in the Validity of "Consent to Establish"(NOC) Granted u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 to the Unit.

1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry:

PIN	210529348
Application No.:	2308686152
Date of Issue:	22-Nov-2023
Date of Expiry:	29-Jun-2024
Certificate Type:	Extension
Certificate No:	CTE/Ext/PBIP/SAS/2023/2308686152

2. Particulars of the Industry:

Name & Designation of the Applicant:	RAJINDER KUMAR AGGARWAL, (Authorised Signatory)
Name of Business Entity	Ambika Homes (La Parisian) by M/s. Ambika Realcon Developers Pvt. Ltd.
Name of the Project/Unit:	Ambika Homes (La Parisian) by M/s. Ambika Realcon Developers Pvt. Ltd.
Address of Project/Unit:	Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab , Mohali , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	29820
Category of Industry:	Red
Type of Industry:	1063 - Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	SAS Nagar
Consent Fee Details:	Rs 84500/- vide R no. 679827752 dated 04.10.2023.
Raw Materials (Name with quantity per day):	Group Housing Project having 576 flats and 17 shops.
Products (Name with quantity per day):	Group Housing Project having 576 flats and 17 shops.
By Products, if any (Name with quantity per day) :	–

Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	Domestic Effluent @ 473.0 KLD
Mode of disposal of Effluent:	Adequate amt. treated wastewater will be obtained from GMADA STP & will use for flushing & green area of 2.12 acre. (As per application form)
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As per emission standards prescribed by the PPCB/ MoEF&CC from time to time.
Sources of emissions and type of pollutants:	1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set. 2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.
Mode of disposal of emissions with stack height:	1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set. 2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.
Quantity of fuel required in TPD:	1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set. 2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.
Type of Air Pollution Control Devices to be installed:	1. 04 DG Sets of capacity 1000 KVA -Fuel HSD @ 90 Lit/day/each DG Set- canopy and a stack of 6 mt above roof level over each DG Set. 2. One DG Sets of capacity 500 KVA -Fuel HSD @ 45Lit/ day DG Set- canopy and a stack of 4.5 mt above roof level over DG Set.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As per emission standards prescribed by the PPCB/ MoEF&CC from time to time.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No. Dated:

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

1. Senior Environmental Engineer, Zonal Office-I, Patiala.
2. Environmental Engineer, Regional Office, SAS Nagar.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

The validity of the original consent to establish (NOC) earlier issued to the project vide no. CTE/Fresh/SAS/2019/9282540 dated 30/6/2019, which was valid upto 2/6/2020 & further extended from time to time upto 30/09/2023 with last extension granted vide no. CTE/Ext/SAS/2022/19820008 dated 17/11/2022, be further extended upto 29.06.2024 (5 years from date of original CTE granted), subject to all terms & conditions as mentioned in the original CTE granted to the project as well as subsequent CTE extensions granted to it.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : **Registered/Speed Post** **Date:**

Industry Registration ID: *R18SAS267076* **Application No :** *19820008*

To,

Diwaker Bansal
M/s. Ambika Realcon Developers Pvt. Ltd., Sco 18-19, 1st Floor, Sector 9-d, Chandigarh
Chandigarh,Chandigarh-160017

Subject: Extension in validity of consent to establish (NOC) under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

1.Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Certificate No.	*CTE/Ext/SAS/2022/19820008*
Date of issue :	*17/11/2022*
Date of expiry :	*30/09/2023*
Certificate Type :	*Extension*
Previous CTE/CTO No. & Validity :	*CTE/Fresh/SAS/2019/9282540* *From:30/06/2019 To:08/09/2022*

2. Particulars of the Industry

Name & Designation of the Applicant	*Harsh Bhargav, (Vice President)*
Address of Industrial premises	*Ambika Homes (la Parisian) By M/s. Ambika Realcon Developers Pvt. Ltd.,* *Site No. 2, It City, Sector 66-beta, S.a.s. Nagar (mohali), Punjab,* *Mohali,Sas Nagar-160059*
Category of Industry	*Red*
Type of Industry	*1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above*
Scale of the Industry	*Large*
Office District	*Sas Nagar*

All the term and conditions same as mentioned in the original consent to establish (NOC) no. CTE/Fresh/SAS/2019/9282540 dated 30/6/2019, valid upto 2/6/2020 issued to the project proponent which was further extended from time to time upto 8/9/2022. This extension in validity of consent to establish (NOC) letter may be appended with the original NOC letter issued to the project proponent and subsequent extensions letters with an additional condition as under:

1. The project proponent will remove the bye-pass provided with the STP immediately and send compliance within one month.

2. The project proponent will install another module of 150 KLD STP in order to make total capacity of STP as 550 KLD and will submit pert chart within 15 days followed by monthly progress report w.r.t installation of STP.

3. The project proponent will provide stack of adequate height with the DG sets installed in the project and in labour hutment area .

4. The project proponent will dispose off domestic sewerage from toilets of labour hutment in an environmentally sound manner

5. The project proponent will deposit an amount of Rs. 25 Lac in Environment Protection Fund created by Punjab Pollution Control Board under Environmental Social Responsibility within a month in compliance of Environment Clearance conditions.

6. The project proponent will provide details along with bills of remaining amount of Rs. 25 lakh to spent on CSR activities on the following activities within one month:

a) Sanitation- Proper sanitation especially for Girls shall be provided in nearby government schools.

b)) Solar lighting - Some Solar lights shall be provided in nearby government schools.

c) Plantation - Some plantation shall be done in surrounding area for clean environment.

7. The project proponent will utilize treated wastewater from GMADA STP Sector-83, Mohali for construction purposes and maintain record in this regard.

8. The project proponent shall install a smog gun in the present with immediate effect.

17/11/2022

(Kuldeep Singh)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.: **Dated:**

A copy of the above is forwarded to the following for information and necessary action please:
The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. He shall visit the site of the project immediately to verify the status of the bypass arrangement with STP and verify the disposal arrangement of wastewater generated from the labour hutments toilet and verify the compliance with environmental law and send a fresh recommendation, please.

17/11/2022

(Kuldeep Singh)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : **Registered/Speed Post** **Date:**

Industry Registration ID: *R18SAS267076* **Application No :** *16483988*

To,

Diwaker Bansal
M/s. Ambika Realcon Developers Pvt. Ltd., Sco 18-19, 1st Floor, Sector 9-d, Chandigarh
Chandigarh,Chandigarh-160017

Subject: **Extension in validity of "Consent to Establish"(NOC) u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.**

1.Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Certificate No.	*CTE/Ext/SAS/2021/16483988*
Date of issue :	*09/09/2021*
Date of expiry :	*08/09/2022*
Certificate Type :	*Extension*
Previous CTE/CTO No. & Validity :	*CTE/Fresh/SAS/2019/9282540* *From:30/06/2019 To:02/06/2021*

2. Particulars of the Industry

Name & Designation of the Applicant	*Harsh Bhargav, (Vice President)*
Address of Industrial premises	*Ambika Homes (la Parisian) By M/s. Ambika Realcon Developers Pvt. Ltd.,* *Site No. 2, It City, Sector 66-beta, S.a.s. Nagar (mohali), Punjab,* *Mohali,Sas Nagar-160059*
Category of Industry	*Red*
Type of Industry	*1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above*
Scale of the Industry	*Large*
Office District	*Sas Nagar*

All the term and conditions same as mentioned in the original consent no. CTE/Fresh/SAS/2019/9282540 dated 30/6/2019, valid upto 2/6/2020 issued to the Project Proponent and further extended vide no. CTE/Ext/SAS/2020/12808835 dated 17/9/2020, valid upto 2/6/2021. This extension letter may be appended with the original consent to establish (NOC) letter issued to the Project Proponent and subsequent extension letters with an additional condition as under:

1. The NOC is granted for a period of one year for Group Housing Project having 576 flats and 17 commercial shops and the domestic effluent @ 473 KLD, which shall be discharged into the internal sewerage system to be laid down in the project site and the same shall be connected to the sewer leading to STP of GMADA.

2. The project proponent shall give the possession of the residential units of the project to the customers only after EITHER supply of tertiary water is started by the GMADA or it has installed its own STP of 550 KLD capacity for the treatment of wastewater generation from the project premises as per under taking submitted by it.

3. The project proponent shall submit the progress of installation of STP / disposal arrangements will be proportional to project construction on a monthly basis with Environmental Engineer, Regional Office, SAS Nagar.

16/09/2021

(Kuldeep Singh)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.: **Dated:**

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

1) The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. He is requested to monitor the progress of installation of STP / disposal arrangements with proportional to project construction on a monthly basis has to be submitted by the project proponent to verify the progressing dual plumbing system provided by project proponent and shall recommend the further in case of non-compliance.

16/09/2021

(Kuldeep Singh)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala

Website:- www.ppcb.gov.in

Office Dispatch No : **Registered/Speed Post** **Date:**

Industry Registration ID: *R18SAS267076* **Application No :** *12808835*

To,

Diwaker Bansal
M/s. Ambika Realcon Developers Pvt. Ltd., Sco 18-19, 1st Floor, Sector 9-d, Chandigarh
Chandigarh,Chandigarh-160017

Subject: Extension in validity of consent to establish (NOC) under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

1.Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Certificate No.	*CTE/Ext/SAS/2020/12808835*
Date of issue :	*17/09/2020*
Date of expiry :	*02/06/2021*
Certificate Type :	*Extension*
Previous CTE/CTO No. & Validity :	*CTE/Fresh/SAS/2019/9282540* *From:03/06/2019 To:02/06/2020*

2. Particulars of the Industry

Name & Designation of the Applicant	*Harsh Bhargav, (Vice President)*
Address of Industrial premises	*Ambika Homes (la Parisian) By M/s. Ambika Realcon Developers Pvt. Ltd.,* *Site No. 2, It City, Sector 66-beta, S.a.s. Nagar (mohali), Punjab,* *Mohali,Sas Nagar-160059*
Category of Industry	*Red*
Type of Industry	*1063-Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above*
Scale of the Industry	*Large*
Office District	*Sas Nagar*

All the term and conditions same as mentioned in the original consent to establish (NOC) no. CTE/Fresh/SAS/2019/9282540 dated 3/6/2019, valid upto 2/6/2020 issued to the project proponent vide Board's letter no. 3869 dated 3/6/2019. This extension letter may be appended with the original NOC letter issued to the project proponent with an additional condition as under:

1. That the project proponent shall install its own STP of capacity of 550 KLD for treatment of the wastewater generated from the project and the construction of the STP shall be inconsonance with the construction of the project.

2. The Project proponent shall submit the progress of installation of STP / disposal arrangements will be proportional to project construction on monthly basis with E.E., R.O., SAS Nagar.

17/09/2020

(Rakesh Kumar)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.: **Dated:**

A copy of the above is forwarded to the following for information and necessary action please:
The Environmental Engineer, Punjab Pollution Control Board, Regional Office, SAS Nagar. He is requested to monitor the progress of installation of STP / disposal arrangements with proportional to project construction on monthly basis has to be submitted by the project proponent and shall recommend the further in case of non-compliance.

17/09/2020

(Rakesh Kumar)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

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: 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

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)
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PH: +91-124-4370550, +91-9910070550
Email- ak_bc@yahoo.com, akbcoffice@gmail.com

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

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
REGD.O. 394-395P/2, 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: 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
B.Tech, M.Tech (IIT Roorkee)
AMIE No.: AM1754604

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 : 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
REGD.O. 394-395P/40, GURGAON
PH.: +91-124-4370550

A.K.B CONSULTANTS

(STRUCTURAL ENGINEERING & PROJECT MANAGEMENT CONSULTANTS)
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REGD.OFF: 394- 395P, SECTOR-40, GURGAON
PH: +91-124-4370550, +91-9910070550
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: **NEW** Dated: **18/9/2023**

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 **Navjeet Singh** have compiled with the fire prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on **18/9/2023** in the presence of **Navjeet Singh** (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 **18/9/2023** 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 (SAVOYE Tower-2)** ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵ ਅਤੇ ਬਚਾਅ ਦੀਆਂ ਲੈੜਾਂ ਨੂੰ ਪੂਰਾ ਕਰਦੀ ਹੈ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਫਾਇਰ ਅਧਿਕਾਰੀ ਵੱਲੋਂ **Navjeet Singh** (ਮਾਲਕ ਜਾਂ ਉਸ ਦੇ ਪ੍ਰਤਿਨਿਧੀ ਦਾ ਨਾਮ) ਦੀ ਮੋਜੂਦਗੀ ਵਿੱਚ **18/9/2023** 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 **18/9/2023**.

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 operaon of fire safety system provided there in.

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

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

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

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

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਕੇਟ 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 ਵਜ਼ੇ 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 **2004-83727-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 ਅਫ਼ਸਰ ਵਲੋਂ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਅਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਇੱਥੇ ਅੱਗ ਬਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਪ੍ਰਬੰਧ ਕੀਤੇ ਗਏ ਹਨ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਊ 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 ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨ੍ਹਾਂ 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 **2004-74812-Fire/55989** NOC Type: **Renew** Dated **24-Aug-2023**

Certified that the **La Parisian** at **Ambika- La Parisian, Triomphe Tower-6 to 8, #GH-02, Sector 66-Beta, IT City, Mohali, SAS 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 **21-Aug-2023** in the presence of **Harsh Bhargav** and is fit to occupancy group **Residential Building-A4** subdivision **Group-4** (As per NBC) for period of **one year** from issue date.

Issued on **24-Aug-2023** at **Mohali MC**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **La Parisian** ਜੋ ਕਿ **Ambika- La Parisian, Triomphe Tower-6 to 8, #GH-02, Sector 66-Beta, IT City, Mohali, SAS Nagar** ਵਿਖੇ ਸਥਾਪਤ ਹੈ, ਜਿਸ ਦੀ ਫਾਇਰ ਅਫਸਰ ਵਲੋਂ ਪੜਤਾਲ ਕੀਤੀ ਗਈ ਅਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਇੱਥੇ ਅੱਗ ਬਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਪ੍ਰਬੰਧ ਕੀਤੇ ਗਏ ਹਨ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਊ ਅਧਿਕਾਰੀ ਵੱਲੋਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਮਿਤੀ **21-Aug-2023** ਮੋਜੂਦਗੀ ਵਿੱਚ **Harsh Bhargav** (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਇਸ ਨੂੰ ਆਬਾਦੀ ਲਈ ਯੋਗ ਪਾਇਆ ਗਿਆ। Occupancy Group **Residential Building-A4** subdivision **Group-4** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ **ਇੱਕ ਸਾਲ** ਤੱਕ।

ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **24-Aug-2023** ਕਿੱਥੇ **Mohali MC** .

This project comprise of **3** towers/blocks with number of floors as given below.

ਇਸ ਪ੍ਰੋਜੈਕਟ ਵਿੱਚ **3** 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	8028.00
Triomphe Tower-8 (B+G+15)	16	9579.00

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 ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨ੍ਹਾਂ 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।

Tower-9

Punjab Fire Services

(MOHALI MUNICIPAL CORPORATION)

FIRE SAFETY CERTIFICATE

ਫਾਇਰ ਸੇਫਟੀ ਪਮਾਣ ਪੱਤਰ

NOC No: PB-FN-2023-07-13-055904 NOC Type: **NEW** Dated: 13/7/2023

Certified that the **Ambika Realcon Developers Pvt Ltd** at **Group Housing-2, Sector-66 Beta Mohali, SECTOR 66 - B1 - A2, La-Parisian, Mohali, Mohali, 140308,** comprised of **1** basements and **16** (Upper floor) owned/occupied by **Navjeet Singh** have compiled with the **fire** prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on **13/7/2023** in the presence of **Navjeet Singh** (Name of the owner or his representative) and that the building/premises is fit for occupancy **Group A Residential** subdivision A1 (As per NBC) for period of **one year** from issue date. Subject to the following conditions.

Issued on **13/7/2023** at **MOHALI MUNICIPAL CORPORATION**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **Ambika Realcon Developers Pvt Ltd, Group Housing-2, Sector-66 Beta Mohali, SECTOR 66 - B1 - A2, La-Parisian, Mohali, Mohali, 140308,** ਸਮੇਤ 1 ਬੇਸਮਟ ਅਤੇ 16 (ਉਪਰਲੀ ਮੰਜ਼ਿਲ) ਮਲਕੀਅਤ/ ਕਬਜ਼ਾਦਾਰ **Ambika Realcon Developers Pvt Ltd** ਰਾਸਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵ ਅਤੇ ਬਚਾਅ ਦੀਆਂ ਲੋੜਾਂ ਨੂੰ ਪੂਰਾ ਕਰਦੀ ਹੈ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਫਾਇਰ ਅਧਿਕਾਰੀ ਵੱਲੋਂ **Navjeet Singh** (ਮਾਲਕ ਜਾਂ ਉਸ ਦੇ ਪ੍ਰਤਿਨਿਧੀ ਦਾ ਨਾਮ) ਦੀ ਮੋਜੂਦਗੀ ਵਿੱਚ **13/7/2023** ਨੂੰ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਅਤੇ ਇਮਾਰਤ / ਬਿਲਡਿੰਗ **Group A Residential** subdivision **A1** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੀ ਆਬਾਦੀ ਲਈ Issue date ਤੋਂ **ਇਕ ਸਾਲ** ਤੱਕ ਯੋਗ ਹੈ ਜਿਸ ਲਈ ਨਿਮਨ ਅਨੁਸਾਰ ਹਦਾਇਤਾਂ ਹਨ।

MOHALI MUNICIPAL CORPORATION ਵਿਖੇ ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ 13/7/2023.

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 operaon of fire safety system provided there in.

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

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

ਫਾਇਰ ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨਾਂ ਮਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

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

ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਕੇਟ 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 ਵਜ਼ੋ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

This is digitaly created cerficate, no signatue are needed

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

SITE PHOTOGRAPHS

GREEN AREA










STP Inlet & Outlet Meters

Borewell Flow Meter

SOLID WASTE MANAGEMENT

DUST MITIGATION MEASURES

PARKING AND TRAFFIC SIGNS

FIRE FIGHTING MEASURES






SAFETY SIGNS

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

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Punjab

Date	:	09/02/2024
Time	:	11:32:43 AM
Validity upto	:	08/08/2024

Certificate SL No.	:	PB06500810005878
Registration No.	:	PB65AU8506
Date of Registration	:	19/Mar/2019
Month & Year of Manufacturing	:	January-2019
Valid Mobile Number	:	******7561
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	PB0650081
GSTIN	:	
Fees	:	Rs.100.00 (GST to be paid extra as applicable)
MIL observation	:	No

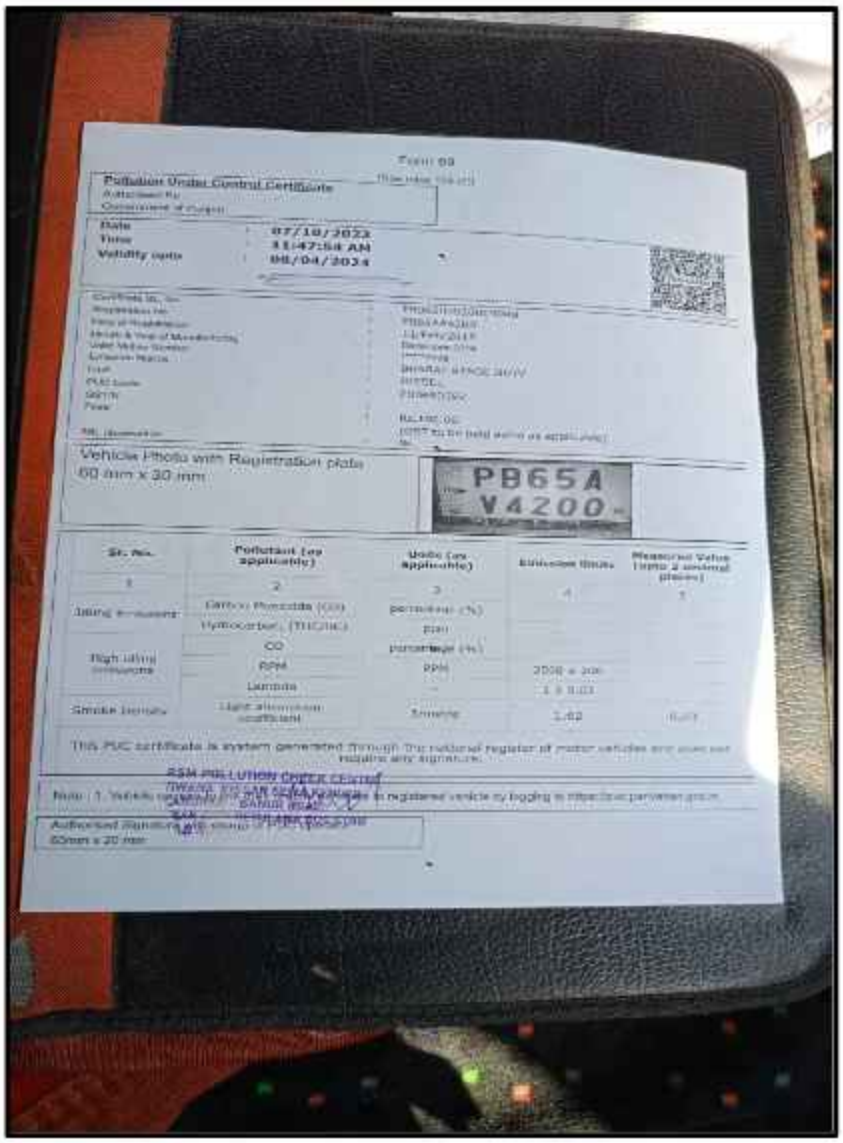
Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.61

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners can verify their mobile numbers registered vehicle by logging to https://puc.parivahan.gov.in

Authorised Signature with stamp of PUC Centre
60mm x 20 mm


Form 69
Pollution Under Control Certificate
Date
07/10/2023
Time
11:47:58 AM
Validity upto
06/04/2024
Vehicle Photo with Registration plate
60 mm x 30 mm
PB65A
V4200
Sr. No.
Pollutant (as applicable)
Units (as applicable)
Emission limits
Measured Value (upto 2 decimal places)
1
2
3
4
5
Idling emissions
Carbon Monoxide (CO)
percentage (%)
Hydrocarbon (THC+NC)
ppm
High idling emissions
CO
percentage (%)
RPM
RPM
2000 ± 200
Lambda
1 ± 0.03
Smoke density
Light absorption coefficient
1/meter
1.62
0.07
This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.
Note : 1. Vehicle owner may get the certificate issued to registered vehicle by logging in https://vahan.parivahan.gov.in
Authorised Signatory
60mm x 20 mm

Pollution Under Control Certificate

Date	08/02/2024
Time	16:51:15 PM
Validity upto	07/08/2024

Certificate Sl. No	PB0650061006565872
Registration No.	PB65AU8508
Date of Registration	19/Mar/2019
Month & Year of Manufacturing	January-2019
Valid Mobile Number	******1262
Emission Norms	BHARAT STAGE IV
Fuel	DIESEL
PUC Code	PB0650081
GSTIN	
Fees	Rs.100.00 (GST to be paid extra as applicable)
ML observation	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		-
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPH	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.71

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: Vehicle owners are to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

Authorised signature with stamp of PUC operator
60mm x 30 mm

PUC CHECK CENTER PB0650081

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Punjab

Date	:	**08/02/2024**
Time	:	**16:25:57 PM**
Validity upto	:	**07/08/2024**

Certificate SL. No.	:	PB06S00810005971
Registration No.	:	PB65AU6163
Date of Registration	:	16/Feb/2016
Month & Year of Manufacturing	:	December-2015
Valid Mobile Number	:	******2828
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	PB06S00B1
GSTIN	:	
Fees	:	Rs.100.00 (GST to be paid extra as applicable)
MIL observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High Idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.53

This PUC [illegible] system generated through the national register of motor vehicles and does not require any signature.

Note : [illegible] mobile numbers to registered vehicle by logging to https://p[illegible].gov.in

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 60

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Punjab

Date	:	**03/02/2024**
Time	:	**13:10:06 PM**
Validity upto	:	**02/08/2024**

Certificate SL. No.	:	PB06S00R10005841
Registration No.	:	PB65AU8504
Date of Registration	:	10/Mar/2015
Month & Year of Manufacturing	:	January-2015
Valid Mobile Number	:	******6674
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	PB06S00B1
GSTIN	:	
Fees	:	Rs.100.00 (GST to be paid extra as applicable)
MIL observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Punjab

Date	:	03/02/2024
Time	:	13:10:06 PM
Validity upto	:	02/08/2024

Certificate SL. No.	:	PB06500810005841
Registration No.	:	PB65AU8504
Date of Registration	:	19/Mar/2019
Month & Year of Manufacturing	:	January-2019
Valid Mobile Number	:	******5674
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	PB0650081
GSTIN	:	
Fees	:	Rs.100.00 (GST to be paid extra as applicable)
MIL observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.6

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

Authorised Signature with stamp of PUC operator
60mm x 20 mm

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰਿਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

GMADA

ਪੁੱਡਾ ਭਵਨ ਸੈਕਟਰ 62 ਐਸ. ਏ. ਐਸ. ਨਗਰ।

(ਮਿਲਖ ਦਫ਼ਤਰ)

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 recommendation 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.

Endst. No. ACA(GMADA)/2022/ Dated:- 27/12/22

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

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

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

Endst. 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: signs...digital

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 **Plot No. SECTOR : 66, HOUSE No. : 2**
Group Housing **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

PUNJAB POLLUTION CONTROL BOARD

Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh
Website:- www.ppcb.gov.in

Office Dispatch No.: PBIP/PPCB/3243 Date: 23/11/2023.

To

RAJINDER KUMAR AGGARWAL
HOUSE NO. 1239,
S.A.S NAGAR, MOHALI - 160047

Subject:- Grant of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining fresh 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act,1981, you are, hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Air Act,1981 granted to the Industry:

PIN	210529348
Application No.:	2303634701
Date of Issue:	23-Nov-2023
Date of Expiry:	31-Mar-2027
Certificate Type:	Fresh
Certificate No:	CTOA/Fresh/PBIP/SAS/2023/2303634701

2. Particulars of the Industry:

Name & Designation of the Applicant:	RAJINDER KUMAR AGGARWAL, (Authorised Signatory)
Name of Business Entity	Ambika Homes (La Parisian) by M/s. Ambika Realcon Developers Pvt. Ltd.
Name of the Project/Unit:	Ambika Homes (La Parisian) by M/s. Ambika Realcon Developers Pvt. Ltd.
Address of Project/Unit:	Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab , Mohali , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	24627
Category of Industry:	Red
Type of Industry:	1063 - Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	SAS Nagar
Consent Fee Details:	Rs. 14,10,500 vide R no. 806160520 dated 09.10.2023 under Water Act, 1974 and Rs. 14,10,500/- vide R no. 588262200 dated 09.10.2023 under Air Act, 1981.
Raw Materials (Name with	Operation & Occupancy of 574 dwelling units only (excluding the club and 17 no.

quantity per day):	booths/ shops) in the ongoing project.
Products (Name with quantity per day):	Operation & Occupancy of 574 dwelling units only (excluding the club and 17 no. booths/ shops) in the ongoing project.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Sources of emissions and type of pollutants:	01 no. DG sets of capacity 500 KVA - SPM, SOx, NOx
Mode of disposal of emissions with stack height:	01 no. DG sets of capacity 500 KVA - canopy alongwith stack of adequate height as per following formula: H = h+0.2 (KVA)0.5 where h = height of the building in meters where the generator set is installed.
Quantity of fuel required in TPD:	01 no. DG sets of capacity 500 KVA - HSD only.
Type of Air Pollution Control Devices to be installed:	01 no. DG sets of capacity 500 KVA – Canopy Provided.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/MoEF&CC/PPCB, from time to time.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No. Dated:

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

1. Senior Environmental Engineer, Zonal Office-I, Patiala.
2. Environmental Engineer, Regional Office, SAS Nagar.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.

2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.

3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.

4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act,1981 from time to time.

5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.

6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952

7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate

8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets

Specifications of the port-holes shall be as under:

i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:-

$$De = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.

ii) The sampling port shall be 7 to 10 cm in diameter

9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

S.No.	Boiler with Steam Generating Capacity	Stack heights
1	Less than 2 ton/hr	9 meters or 2.5 times the height of neighboring building which ever is more
2	More than 2 ton/hr to 5 ton/hr	12 meters
3	More than 5 ton/hr to 10 ton/hr	15 meters
4	More than 10 ton/hr to 15 ton/hr	18 meters
5	More than 15 ton/hr to 20 ton/hr	21 meters
6	More than 20 ton/hr to 25 ton/hr	24 meters

7	More than 25 ton/hr to 30 ton/hr	27 meters
8	More than 30 ton/hr	30 meters or using the formula H = 14 Qg0.3or H = 74 (Qp)0.24 Where Qg = Quantity of SO2 in Kg/hr. Qp = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set		Height of the Stack
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt
100-150 KVA	-do-	+ 2.5 mt
150-200 KVA	-do-	+ 3.0 mt
200-250 KVA	-do-	+ 3.5 mt
250-300 KVA	-do-	+ 3.5 mt

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h+0.2\ (KVA)0.5$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

12. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-

(i) Once in Year for Small Scale Industries.

(ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries

13. The pollution control devices shall be interlocked with the manufacturing process of the industry.

14. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time

15. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

16. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.

18. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

19. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run-off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.

22. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.

23. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act,1991.

24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable

25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.

26. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified

27. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water

28. The industry shall submit a detailed plan showing therein,the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year

29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.

31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.

33. The industry shall maintain the following record to the satisfaction of the Board :-

(i) Log books for running of air pollution control devices or pumps/motors used for it.

(ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

(iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

34. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

35. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.

36. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This Consent is valid only for occupancy & operation of 574 dwelling units only (excluding the club and 17 no. booths/ shops) in the ongoing project for which Consent to Establish already granted by the competent authority.

2. The promoter company shall comply with conditions mentioned in the Environmental Clearance granted to it by the SEIAA vide no. SEIAA/688 dated 24/05/2018 and further amendment granted vide letter no. 1493 dated 03.12.2018

3. The project proponent shall ensure operation of the arrangements provided for usage of the treated effluent after STP @ 130 KLD for flushing purpose and shall utilize the treated effluent after STP @ 47 KLD -15 KLD- 4KLD for development of adequate green are (8,597.04 sqm) within premises and only the remaining treated effluent shall be allowed for discharge into Sewer, in accordance with the NOC from the competent authority regarding sewerage connection.

4. The project proponent shall either obtain amendment in the Environment Clearance w.r.t. effluent quantity & capacity of STP or shall install another module of 150 KLD STP in order to make total capacity of STP as 550 KLD in accordance with the conditions of EC & Consent to Establish granted to it. The project proponent shall ensure to submit compliance in this regard within 3 months to the Regional Office of the Board.

5. The project proponent will obtain necessary permission from PWRDA for abstraction of ground water, if not already obtained.

6. The project proponent shall start carrying out complete water auditing of the project on daily basis, immediately, so that the quantity of freshwater consumed and treated effluent utilised for activities like irrigation, dual plumbing, construction purpose can be assessed.

7. The project proponent shall provide separate flow meters after STP on channels/ pipelines carrying treated effluent for reuse in dual plumbing, discharge onto green area and disposal into MC sewer, if not already provided and maintain record regarding the same.

8. The project proponent shall make use of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.

9. The project proponent will ensure time bound compliance of the CER activities mentioned in the conditions of the Environment Clearance granted under the provisions of the EIA notification, 14/09/2006.

10. The project proponent shall not consume any fuel except HSD in its installed DG set (s), without obtaining prior written permission from the Board.

11. The project proponent will comply with the provisions of MSW Rules, 2016.

12. The project proponent shall ensure at source segregation of the solid waste to be generated from its premises, at all times.

13. For biodegradable waste to be generated from the premises, the project proponent shall install mechanical organic waste composter(s) of adequate capacity within a period of three months.

14. The project proponent shall get the non-biodegradable solid waste disposed of at authorised site only, after obtaining permission from the Competent Authority and shall maintain proper record of disposal of the same, at all times.

15. The project proponent shall place adequate no. of storage bins in its premises, from where the municipal solid waste shall be got lifted and transported by the operator of the integrated MSW management facility as and when the facility is established and made operational.

16. The project proponent shall comply with the provisions of the Construction and Demolition Management Rules, 2016.

17. The project proponent shall take adequate steps to the effect that the construction material of any kind that is stored at site shall be fully covered in all respects so that it does not disburse in the air in any form.

18. The project proponent shall ensure that all the construction material and debris shall be carried out in

or the construction material does not get disburse into the air or atmosphere in any form.

19. The project proponent will comply with the provisions of E-waste Management Rules, 2016.

20. The project proponent shall ensure that its activities does not create any nuisance in the surrounding areas and no public complaints are received.

21. The Consent is being issued to the project proponent based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the project proponent and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

22. In case the institute fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the project proponent.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

PUNJAB POLLUTION CONTROL BOARD

Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh
Website:- www.ppcb.gov.in

Office Dispatch No.: PBIP/PPCB/3246 Date: 23/11/2023.

To

RAJINDER KUMAR AGGARWAL
HOUSE NO. 1239,
S.A.S NAGAR, MOHALI - 160047

Subject:- Grant of 'Consent to Operate' an outlet u/s 25/26 of Water(Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act,1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Water Act,1974 granted to the Industry:

PIN	210529348
Application No.:	2303622778
Date of Issue:	23-Nov-2023
Date of Expiry:	31-Mar-2027
Certificate Type:	Fresh
Certificate No:	CTOW/Fresh/PBIP/SAS/2023/2303622778

2. Particulars of the Industry:

Name & Designation of the Applicant:	RAJINDER KUMAR AGGARWAL, (Authorised Signatory)
Name of Business Entity	Ambika Homes (La Parisian) by M/s Ambika Realcon Developers Pvt. Ltd.
Name of the Project/Unit:	Ambika Homes (La Parisian) by M/s Ambika Realcon Developers Pvt. Ltd.
Address of Project/Unit:	Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab , Mohali , S.A.S Nagar
Capital Investment of the Industry(in lakhs):	24627
Category of Industry:	Red
Type of Industry:	1063 - Building and construction projects more than 20,000 sq. m built up area and having waste water generation 100 KLD and above.
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	SAS Nagar
Consent Fee Details:	Rs. 14,10,500 vide R no. 806160520 dated 09.10.2023 under Water Act, 1974 and Rs. 14,10,500/- vide R no. 588262200 dated 09.10.2023 under Air Act, 1981.
Raw Materials (Name with	Operation & Occupancy of 574 dwelling units only (excluding the club and 17 no.

quantity per day):	booths/ shops) in the ongoing project.
Products (Name with quantity per day):	Operation & Occupancy of 574 dwelling units only (excluding the club and 17 no. booths/ shops) in the ongoing project.
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant:	Domestic Effluent generated @ 306 KLD shall be treated through STP of capacity 400 KLD (2 no. modules of 200 KLD each) installed within project premises.
Mode of disposal of Effluent:	As per special condition no. 3.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by the CPCB/MoEF&CC/PPCB, from time to time.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No. Dated:

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

1. Senior Environmental Engineer, Zonal Office-I, Patiala.
2. Environmental Engineer, Regional Office, SAS Nagar.

Sd/-

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.

2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.

3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.

4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.

5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.

6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner

7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.

8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year

9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.

10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.

11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions

12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.

13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer,Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.

14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking Samples.

15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer,Punjab Pollution Control Board of the concerned Regional Office.

16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.

17. The industry shall provide online monitoring equipment for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.

18. The pollution control devices shall be interlocked with the manufacturing process of the industry.

19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board

20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated14/9/06, if applicable.

21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991

22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-

(i) Once in Year for Small Scale Industries

(ii) Four in a Year for Large/Medium Scale Industries

(iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month

24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.

25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.

26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse

28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.

30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises

32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified

33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.

34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes

35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.

36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period

37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.

39. The industry shall ensure that the effluent discharged by it is toxicity free

40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.

42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.

43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

-Sd-

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This Consent is valid only for occupancy & operation of 574 dwelling units only (excluding the club and 17 no. booths/ shops) in the ongoing project for which Consent to Establish already granted by the competent authority.

2. The promoter company shall comply with conditions mentioned in the Environmental Clearance granted to it by the SEIAA vide no. SEIAA/688 dated 24/05/2018 and further amendment granted vide letter no. 1493 dated 03.12.2018

3. The project proponent shall ensure operation of the arrangements provided for usage of the treated effluent after STP @ 130 KLD for flushing purpose and shall utilize the treated effluent after STP @ 47 KLD -15 KLD- 4KLD for development of adequate green are (8,597.04 sqm) within premises and only the remaining treated effluent shall be allowed for discharge into Sewer, in accordance with the NOC from the competent authority regarding sewerage connection.

4. The project proponent shall either obtain amendment in the Environment Clearance w.r.t. effluent quantity & capacity of STP or shall install another module of 150 KLD STP in order to make total capacity of STP as 550 KLD in accordance with the conditions of EC & Consent to Establish granted to it. The project proponent shall ensure to submit compliance in this regard within 3 months to the Regional Office of the Board.

5. The project proponent will obtain necessary permission from PWRDA for abstraction of ground water, if not already obtained.

6. The project proponent shall start carrying out complete water auditing of the project on daily basis, immediately, so that the quantity of freshwater consumed and treated effluent utilised for activities like irrigation, dual plumbing, construction purpose can be assessed.

7. The project proponent shall provide separate flow meters after STP on channels/ pipelines carrying treated effluent for reuse in dual plumbing, discharge onto green area and disposal into MC sewer, if not already provided and maintain record regarding the same.

8. The project proponent shall make use of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.

9. The project proponent will ensure time bound compliance of the CER activities mentioned in the conditions of the Environment Clearance granted under the provisions of the EIA notification, 14/09/2006.

10. The project proponent shall not consume any fuel except HSD in its installed DG set (s), without obtaining prior written permission from the Board.

11. The project proponent will comply with the provisions of MSW Rules, 2016.

12. The project proponent shall ensure at source segregation of the solid waste to be generated from its premises, at all times.

13. For biodegradable waste to be generated from the premises, the project proponent shall install mechanical organic waste composter(s) of adequate capacity within a period of three months.

14. The project proponent shall get the non-biodegradable solid waste disposed of at authorised site only, after obtaining permission from the Competent Authority and shall maintain proper record of disposal of the same, at all times.

15. The project proponent shall place adequate no. of storage bins in its premises, from where the municipal solid waste shall be got lifted and transported by the operator of the integrated MSW management facility as and when the facility is established and made operational.

16. The project proponent shall comply with the provisions of the Construction and Demolition Management Rules, 2016.

17. The project proponent shall take adequate steps to the effect that the construction material of any kind that is stored at site shall be fully covered in all respects so that it does not disburse in the air in any form.

18. The project proponent shall ensure that all the construction material and debris shall be carried out in

or the construction material does not get disburse into the air or atmosphere in any form.

19. The project proponent will comply with the provisions of E-waste Management Rules, 2016.

20. The project proponent shall ensure that its activities does not create any nuisance in the surrounding areas and no public complaints are received.

21. The Consent is being issued to the project proponent based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the project proponent and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

22. In case the institute fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the project proponent.

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਟੀ
ਪੁੱਡਾ 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. : ५८०८३ Date: ०5-०१-२०१8

Subject: **Corrigendam 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.: 5069dated 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

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

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

1

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	1st	01-02-2020	4,81,92,497.00	2,60,23,948.00	7,42,16,445.00
2	2nd	01-08-2020	4,81,92,497.00	2,38,55,286.00	7,20,47,783.00
3	3rd	01-02-2021	4,81,92,497.00	2,16,86,624.00	6,98,79,121.00
4	4th	01-08-2021	4,81,92,497.00	1,95,17,961.00	6,77,10,458.00
5	5th	01-02-2022	4,81,92,497.00	1,73,49,299.00	6,55,41,796.00
6	6th	01-08-2022	4,81,92,497.00	1,51,80,637.00	6,33,73,134.00
7	7th	01-02-2023	4,81,92,497.00	1,30,11,974.00	6,12,04,471.00
8	8th	01-08-2023	4,81,92,497.00	1,08,43,312.00	5,90,35,809.00
9	9th	01-02-2024	4,81,92,497.00	86,74,650.00	5,68,67,147.00
10	10th	01-08-2024	4,81,92,497.00	65,05,987.00	5,46,98,484.00
11	11th	01-02-2025	4,81,92,497.00	43,37,325.00	5,25,29,822.00
12	12th	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 1.3.0 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:

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

(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

Annexure-12

APPROVALS

- 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 3009[illegible] ARDPL

restoring eco balance...

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

TEST REPORT

TC-11818

ULR No. : TC1181824000003247F		**Test Report No. :**	NAIM090424NA018
Type of Sample : Ambient Air ,		**Date of Reporting :**	11/04/2024
Customer	Group Housing Project "Ambika Homes" By Ambika Realcon Developers Pvt. Ltd. located at Sector 66-Beta, Site No.-2, Mohali Punjab	**Work Order No. & Date**	Email Confirmation DT:16.03.2024
		Customer reference No. (If any)	NA
Sampling Protocol	IS 5182, EL-MSP-7.3	**Mode of Collection of Sample**	Mr. Abhishek (Eco Rep.)
Date of Sampling	08/04/2024 To 09/04/2024	**Date of Receipt of Sample**	09/04/2024
Sampling Location	Near Main Gate (Project Site)	**Period of Analysis**	09/04/2024 To 11/04/2024
Standard/ Specification	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	**Environmental Conditions**	Clear Sky
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution (Ambient Air)

S.No.	Test Parameter	Unit	Result	Standard	Detection Limit	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m3	85	100	5	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m3	47	60	5	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	12	80	5	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m3	26	80	7	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	20	400	5	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	32	180	5	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.68	4	0.1	IS 5182 (Part 10) NDIR method

Remarks : NA

OTHER INFORMATION

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

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Umesh Kumar
Authorized Signatory-Chemical

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org

TEST REPORT

TC-11818

ULR No. : TC1181824000003248F		**Test Report No. :**	NN0M090424NA019
Type of Sample : Noise- Ambient Air			
Customer Name	Group Housing Project "Ambika Homes"	**Work Order No. & Date**	Email Confirmation DT:16.03.2024
Address	By Ambika Realcon Developers Pvt. Ltd. located at Sector 66-Beta, Site No.-2, Mohali Punjab	**Customer reference No. (If any)**	NA
		Date of Sampling	08/04/2024
Sampling Protocol	IS 9989, EL-MSP-7.3	**Date of Sample Receipt**	09/04/2024
Sample Collection Mode	Mr. Abhishek (Eco Rep.)	**Period of Analysis**	09/04/2024 To 09/04/2024
Testing Location	On Site & Permanent Facility	**Date of Reporting**	11/04/2024
Sampling Location	Refer below^		
Standard/Specification	Noise- Ambient Air: EPA 1986 Schedule III		
Environment conditions	--		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution (Ambient Noise Levels)

S.No.	Location^	Units	Result (Day)	Detection Limit	Test Method
1	At Project Site	dB(A)	57.3	30	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	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 from10.00 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 : NA

OTHER INFORMATION

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

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Umesh Kumar
Authorized Signatory-Chemical

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org

TEST REPORT

ULR No. : TC1181824000003242F		Test Report No. : NWAM080424NA041	
Type of Sample : Water- Ground Water			
Customer Name	Group Housing Project "Ambika Homes"	Work Order No. & Date	Email Confirmation DT:16.03.2024
Address	By Ambika Realcon Developers Pvt. Ltd. located at Sector 66-Beta, Site No.-2, Mohali Punjab	Customer reference No. (If any)	NA
		Date of Sampling	08/04/2024
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Sample Receipt	08/04/2024
Sample Collection Mode	Mr. Abhishek (Eco Rep.)	Period of Analysis	08/04/2024 To 11/04/2024
Testing Location	Permanent Facility	Date of Reporting	11/04/2024
Sampling Location	Borewell (At Project Site)		
Sample Description	Clear, colourless liquid.		
Standard/Specification	NA		
Packing, Markings, Seal & Qty.	PE Bottle-2 litre (A/08/02A) & Glass Bottle-1 litre (A/08/02B), Glass Bottle- 500ml (A/08/02C) & Glass Bottle-500ml (A/08/02D)		

RESULTS

I. Chemical Testing

1. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Colour	CU	BDL	1	IS 3025 (Part 4) Cl 2.0
2	Odour	-	Agreeable	-	IS 3025 (Part 5)
3	pH @ 25 °C	-	7.35	0.5	IS 3025 (Part 11)
4	Taste	-	Agreeable	-	IS 3025 (Part 8)
5	Turbidity	NTU	BDL	0.1	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	19	1	IS 3025 (Part 32)
7	Iron as Fe	mg/l	0.009	0.001	USEPA 3015A
8	Total Hardness as CaCO3	mg/l	245	1	IS 3025 (Part 21)

II. Biological Testing

2. Water (Ground Water)

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Total Coliform	Present or Absent/100 ml	Absent	-	IS 15185
2	E. coli	Present or Absent/100 ml	Absent	-	IS 15185

Lata Thakur
Authorized Signatory-Biological

Umesh Kumar
Authorized Signatory-Chemical

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org

ULR No. :	TC1181824000003242F	Test Report No. :	NWAM080424NA041
Type of Sample :	Water- Ground Water		

Remarks : NA

OTHER INFORMATION

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

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Lata Thakur
Authorized Signatory-Biological

Umesh Kumar
Authorized Signatory-Chemical

TEST REPORT

TC-11818

ULR No. : TC1181824000003225F		**Test Report No. :** NS0M080424NA042	
Type of Sample : Soil			
Customer Name	Group Housing Project "Ambika Homes"	**Work Order No. & Date**	Email Confirmation DT:16.03.2024
Address	By Ambika Realcon Developers Pvt. Ltd. located at Sector 66-Beta, Site No.-2, Mohali Punjab	**Customer reference No. (If any)**	NA
		Date of Sampling	08/04/2024
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	**Date of Sample Receipt**	08/04/2024
Sample Collection Mode	Mr. Abhishek (Eco Rep.)	**Period of Analysis**	08/04/2024 To 11/04/2024
Testing Location	Permanent Facility	**Date of Reporting**	11/04/2024
Sampling Location	Park (At Project Site)		
Sample Description	Brown coloured soil.		
Standard/Specification	Soil Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	5 kg Poly Bag Marked A/08/02		

RESULTS

I. Chemical Testing

1. Pollution & Environment (Soil)

S.No.	Test Parameter	Unit	Result	Detection Limit	Test Method
1	Conductivity	mS/cm	0.369	0.01	IS 14767
2	Organic Matter	%	0.94	0.1	IS 2720 (Part 22) Sec 1
3	pH	-	8.09	0.5	IS 2720 (Part 26) Cl 2
4	Texture	-	Sandy Clay Loam	-	IS 2720 (Part 4) Cl 2.4
5	Moisture Content	%	7.9	0.1	IS 2720 (Part 2), Sec-1
6	Bulk Density	gm/cc	1.74	1	IS 2720 (Part 7)

Remarks : NA

OTHER INFORMATION

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

Terms & Conditions : Please refer terms and conditions on backside of Test Report (Page-1)

End of Report

Umesh Kumar (Gupta)
Authorized Signatory-Chemical

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org

Annexure 14

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, Lightening 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)

Annexure-15

Form for Uploading Compliance Report

Proposal No :	SIA/PB/NCP/73356/2018	Proposal Name :	Group Housing Project namely "Ambika Homes" located at Site No. 2, IT City, Sector 66-Beta, S.A.S. Nagar
Category :	INFRA-1	MoEF File No. :	SEIAA/PB/NCP/EC/2018/05

Compliance Letter/Report

Year of Compliance: -All Years-

Date of Compliance * : Select

Remarks :

Upload Compliance Letter/Report * : Choose File No file chosen (.pdf only)

SUBMIT

Sno.	Proposal No.	Uploaded copy of Compliance report	Remarks	Uploaded Date	Delete
1	SIA/PB/NCP/73356/2018	07182020H7J9M12JAmbikaHomesSMCompliance.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2020 is enclosed.	18/07/2020	
2	SIA/PB/NCP/73356/2018	01122021I5JVXU1MCompliancee.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2020 is enclosed	12/01/2021	
3	SIA/PB/NCP/73356/2018	08312021I8609734ambikahomes.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2021 is enclosed	31/08/2021	
4	SIA/PB/NCP/73356/2018	12012021I32413704AmbikaHomes.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2021 is enclosed	01/12/2021	
5	SIA/PB/NCP/73356/2018	0908202280643645AH.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2022 is enclosed.	08/09/2022	
6	SIA/PB/NCP/73356/2018	12302022773334125SixMonthlyComplianceAmbikaHomes.pdf	AH SM30.09.2022	30/12/2022	
7	SIA/PB/NCP/73356/2018	06012023I3432708AmbikaHomesFinal.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2023 is enclosed.	03/06/2023	
8	SIA/PB/NCP/73356/2018	11212023I6978867Ambikahomes.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2023 is enclosed.	21/11/2023	

Annexure-16

PUBLIC NOTICE

M/s. Ambika Realcon Pvt. Ltd. has been granted Environmental Clearance from SEIAA, Punjab for the development of Group Housing project "Ambika Homes" located at Site No. 3, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab vide letter No. [illegible] dated 24.05.2018.

The copy of Clearance along with the conditions to be complied with is available at official website of Environmental Clearance and with the Developer. The interested person can contact either of the two: M/s. Ambika Realcon Pvt. Ltd. Corp. Address: SCO No. 64-65, Second Floor, Sector 17A, Chandigarh 160017, Regd. Address: 1318, Old Tower 8, Jasola District Centre, New Delhi 110025.

Don't use 'Bollywood' for Hindi film industry: BJP leader to tell minister

LIZ MATHEW
NEW DELHI, JUNE 1

Kailash Vijayvargiya

BJP GENERAL secretary Kailash Vijayvargiya is all set to write to Information and Broadcasting Minister Rajyavardhan Rathore against the usage of the term 'Bollywood' for the Hindi film industry. His contention — Bollywood was a name given by the BBC condescendingly, to indicate that the movies were just pale copies of Hollywood movies.

"A few days ago, filmmaker Subhash Ghai came to see me in the BJP headquarters. He told me that the Hindi film industry got the term Bollywood after the BBC called it so, to show that the films made here were just copies of Hollywood movies. We just adopted the term used to ridicule our film industry. We should stop it," Vijayvargiya said.

Vijayvargiya, who has already launched his campaign with Ghai's #DontCallItBollywood on social media, said he would write to Rathore explaining his contention and seek his intervention in getting the usage of the term banned in the media. "We had great filmmakers like Satyajit Ray and Dadasaheb Phalke. We have made such brilliant films. How can we just concede that we were copying the English film industry?" Vijayvargiya asked.

In order to highlight the importance of the Indian film industry, Vijayvargiya quoted FICCI figures to say that its business has crossed Rs 165 billion. In India, films are made in more than two dozen languages and Hindi films like Dangal had collected more than Rs 1,000 crore and Baahubali II over Rs 2,000 crore, he said.

The BJP leader pointed out that the NDA government in its first regime had granted industrial status to the film industry, which helped it get institutional credit and get rid of mafia control. "Now it's time to get rid of this taint that Hindi films are copies of Hollywood movies. We should discontinue the use of such terms," he said.

According to Vijayvargiya, it would be "more respectful and honourable" if the Indian film industry was known as "Hindi film industry or Tamil film industry, Bangla, Odisha or Bhojpuri industry instead of Tollywood, Kollywood etc. This is slave mentality. Media should come forward to get rid of this usage."

Vijayvargiya has earlier triggered controversy with his remarks on Hindi films and actors. When the BJP leader tweeted urging people to boycott Shah Rukh Khan-starrer Raees and Aamir Khan's movies and watch Hrithik Roshan's Kaabil, social media did not take it kindly.

Kerala on alert as Nipah toll touches 16

Photographs of CSR Activity

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 he 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.

21/2/18

Divisional Engineer (PH-1)
GMADA, SAS Nagar

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

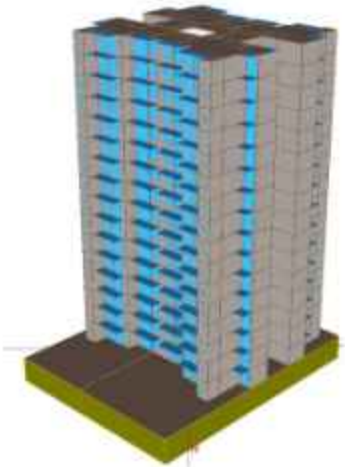
A copy of the above is forwarded to Superintending Engineer(C-1), GMADA, SAS Nagar for information please.

Divisional Engineer (PH-1)
GMADA, SAS Nagar

AMBIKA REALCON DEVELOPERS PVT. LTD.							
LA PARISIAN SEC 66 B IT CITY MOHALI							
				Fly ash summary Up to 31 March 2024		Date : 31.03.24	
S.no	Particular	Unit	Concrete Qty.	Fly ash used per Cum	Total fly used in (Kg.)	Fly ash in (MT.)	
1	Total M5	Cum	416.34	160.00	66614.40	66.61	
2	Total M7.5	Cum	3014.50	150.00	452175.00	452.18	
3	Total M10	Cum	85.50	150.00	12825.00	12.83	
4	Total M15	Cum	1642.00	140.00	229880.00	229.88	
5	Total M20	Cum	195.00	195.00	38025.00	38.03	
6	Total M25	Cum	120.00	120.00	14400.00	14.40	
7	Total M30	Cum	24330.00	120.00	2919600.00	2919.60	
8	Total M35	Cum	3222.00	120.00	386640.00	386.64	
9	Total SCC M30	Cum	24663.24	220.00	5425912.80	5425.91	
10	Total SCC M35	Cum	11393.50	220.00	2506570.00	2506.57	
				Total fly ash used in (MT)		**12052.64**	

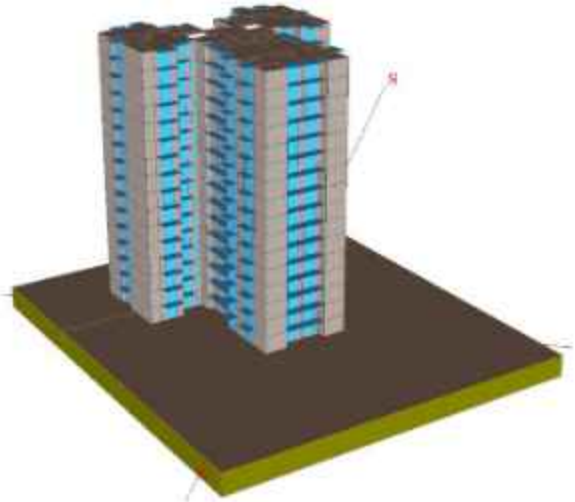
EE MR-2 and C-1: Energy Optimization Report –Ambika Homes La-Parisian

Tower-1, 4 and 6

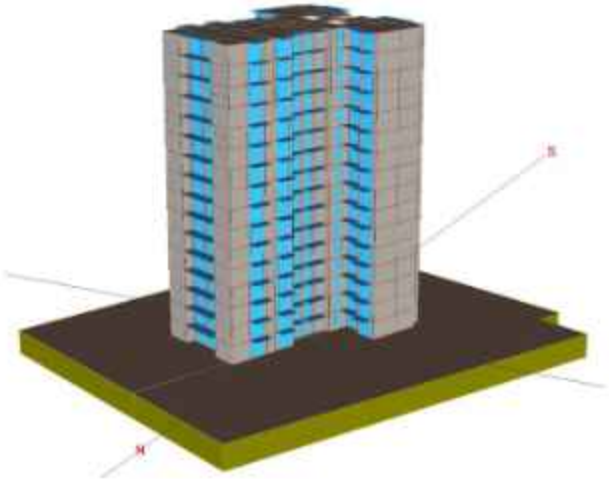


Tower-2 and 8

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 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".

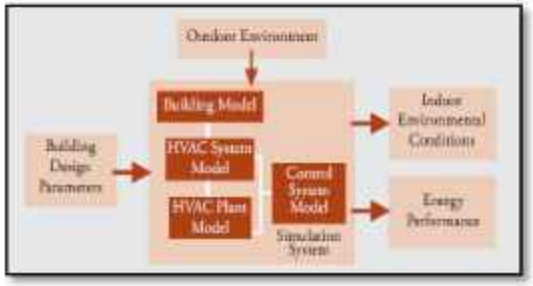


Fig.1. Energy Simulation Schematic

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 $W/m^2°K$ (0.46 Btu/hr-sqft°F).
- Roof Construction: The overall U-value of roof is 1.35 $W/m^2°K$ (0.239 Btu/hr-sqft°F). (without insulation)
  - Fenestration type: glass: ET-150 Single Glazed clear glass
    - U-Value: $5W/m^2°K$ (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/ m^2 °K (0. 0.3172 Btu/hr-sqft°F) ***(As per Addendum V3)***
- Roof Construction: U-value of the roof is 1.5 W/ m^2 °K (0.2643 Btu/hr-sqft°F)
- Fenestration type: U-value: 5.7 W/ m^2 °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	Corridoor	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		Corridoor	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		Corridoor	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 Flooor 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 Flooor 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 Flooor 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 Flooor 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

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 Flooor 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 Flooor 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 Flooor 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 Flooor 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 Flooor 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 Flooor 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	16.4%
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 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	135404.	0.	245434.	4481.	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 Ambala,HR,IND

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
Elecricity Rate	ELECTRICITY	EM1	483642. KWH	58037.	0.1200	YES
				58037.		

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	105612.	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.
EM1 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 THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0.00
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?
Elecricity Rate	ELECTRICITY	EM1	Comm	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	17.9%
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	FUMPS & 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.
EM1 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	21.8%
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													
MWH	121506.	0.	148578.	11628.	61725.	0.	0.	21544.	0.	0.	0.	4100.	369080.
EM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 369080. MWH 30.069 MWH /SQFT-YR GROSS-AREA 30.069 MWH /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

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.	58382.	0.	0.	19850.	0.	0.	0.	0.	326911.
Comm ELECTRICITY													
KWH	7643.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	911.	8554.
EM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 335465. KWH 27.880 KWH /SQFT-YR GROSS-AREA 27.880 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	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	21.7%
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	220315.	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 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	10386.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2032.	12418.
EM1 ELECTRICITY													
KWH	169069.	0.	318640.	8013.	42963.	0.	0.	13375.	0.	0.	0.	0.	552962.
EM1 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 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	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	32.0%
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 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	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 Ambala,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.

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:

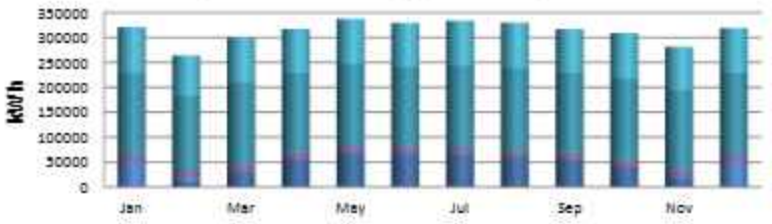
For the proposed design, as the energy cost savings % is more than 10, 4 points may be awarded to the project.

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.

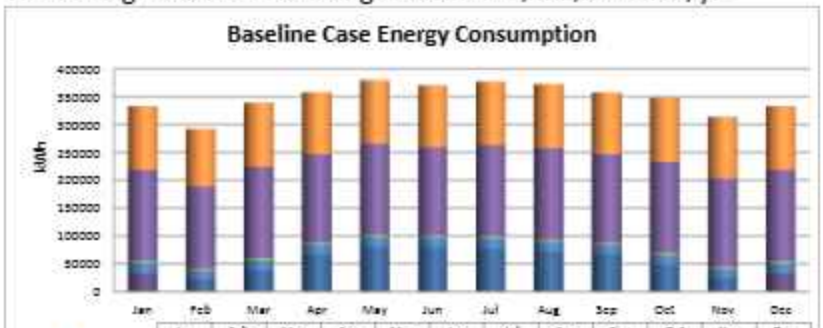
Based on the energy simulation results, it is observed that the



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Area Lights	90522	81948	91110	88000	90673	88151	90522	91143	87933	90522	87748	90740
Misc. Equip.	163740	148133	164492	158968	163933	159161	163740	164535	158882	163740	158645	164019
Ext. Usage	1140	1029	1140	1103	1140	1103	1140	1140	1103	1140	1103	1140
Pumps & Aux.	0	0	0	0	0	0	0	0	0	0	0	0
Vent. Fans	13815	12479	13818	13373	13819	13373	13819	13819	13373	13819	13371	13815
Space Heat	50436	10323	758	0	0	0	0	0	0	8	3959	47956
Heat Reject.	0	0	0	0	0	0	0	0	0	0	0	0
Space Cool	1111	10207	28870	55314	67790	67272	64248	59140	55232	39675	16394	1226

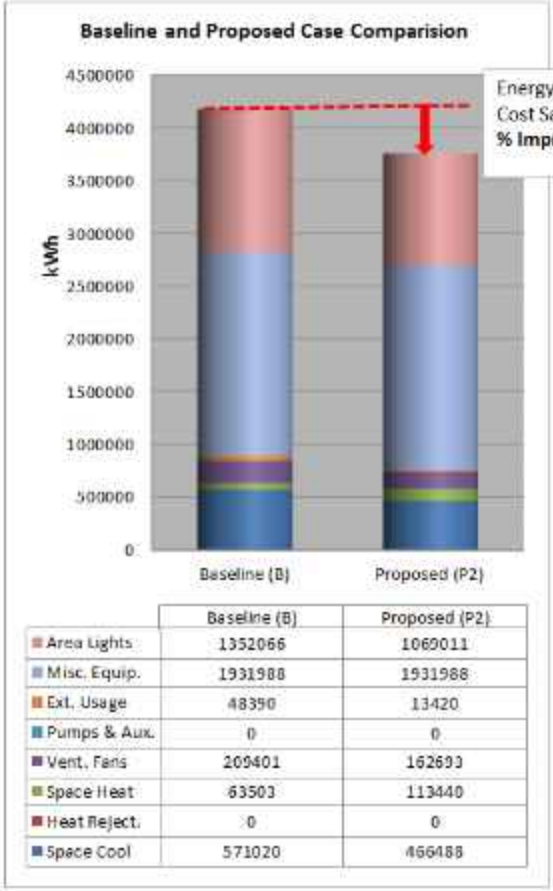
proposed building consumes 3,713,124 kWh/yr.

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



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Area Lights	114520	103655	115199	111356	114695	111480	114520	115257	111208	114520	110995	114772
Misc. Equip.	163740	148133	164492	158968	163933	159161	163740	164535	158882	163740	158645	164019
Ext. Usage	4110	3712	4110	3977	4110	3977	4110	4110	3977	4110	3977	4110
Pumps & Aux.	0	0	0	0	0	0	0	0	0	0	0	0
Vent. Fans	17782	16065	17785	17212	17786	17212	17786	17786	17212	17786	17211	17782
Space Heat	29551	3924	226	0	0	0	0	0	0	0	1870	29255
Heat Reject.	0	0	0	0	0	0	0	0	0	0	0	0
Space Cool	3429	18048	37571	66522	79559	78854	77350	71170	66367	47490	21742	3116

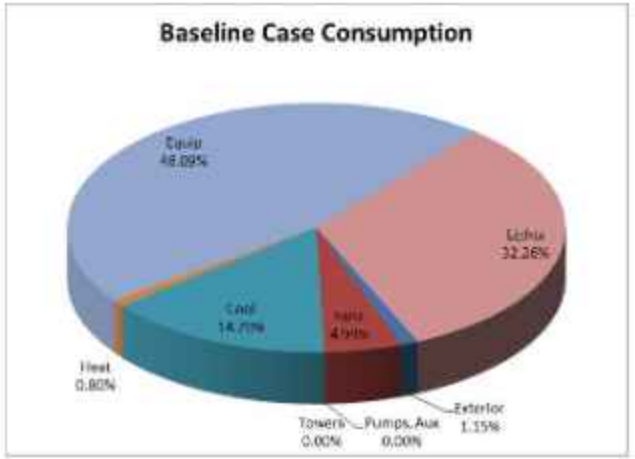
Energy Saving Comparison: The As Is case shows annual utility cost savings of 11.4 % over the Base case.

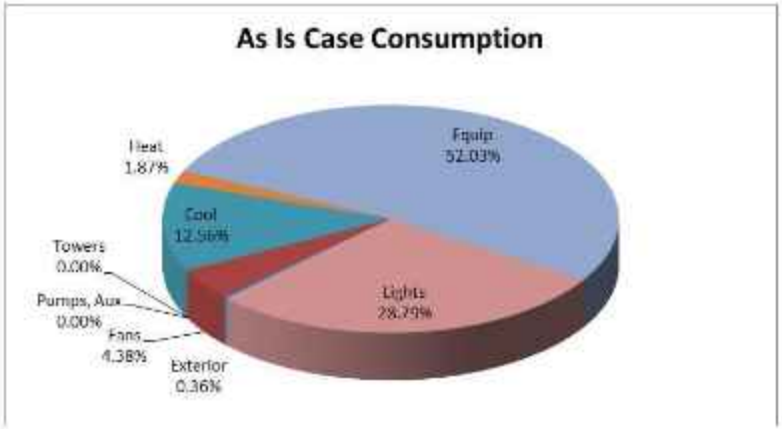


	Baseline (B)	Proposed (P2)
Area Lights	1352066	1060011
Misc. Equip.	1931988	1931988
Ext. Usage	48390	13420
Pumps & Aux.	0	0
Vent. Fans	209401	162693
Space Heat	63503	113440
Heat Reject.	0	0
Space Cool	571020	466488

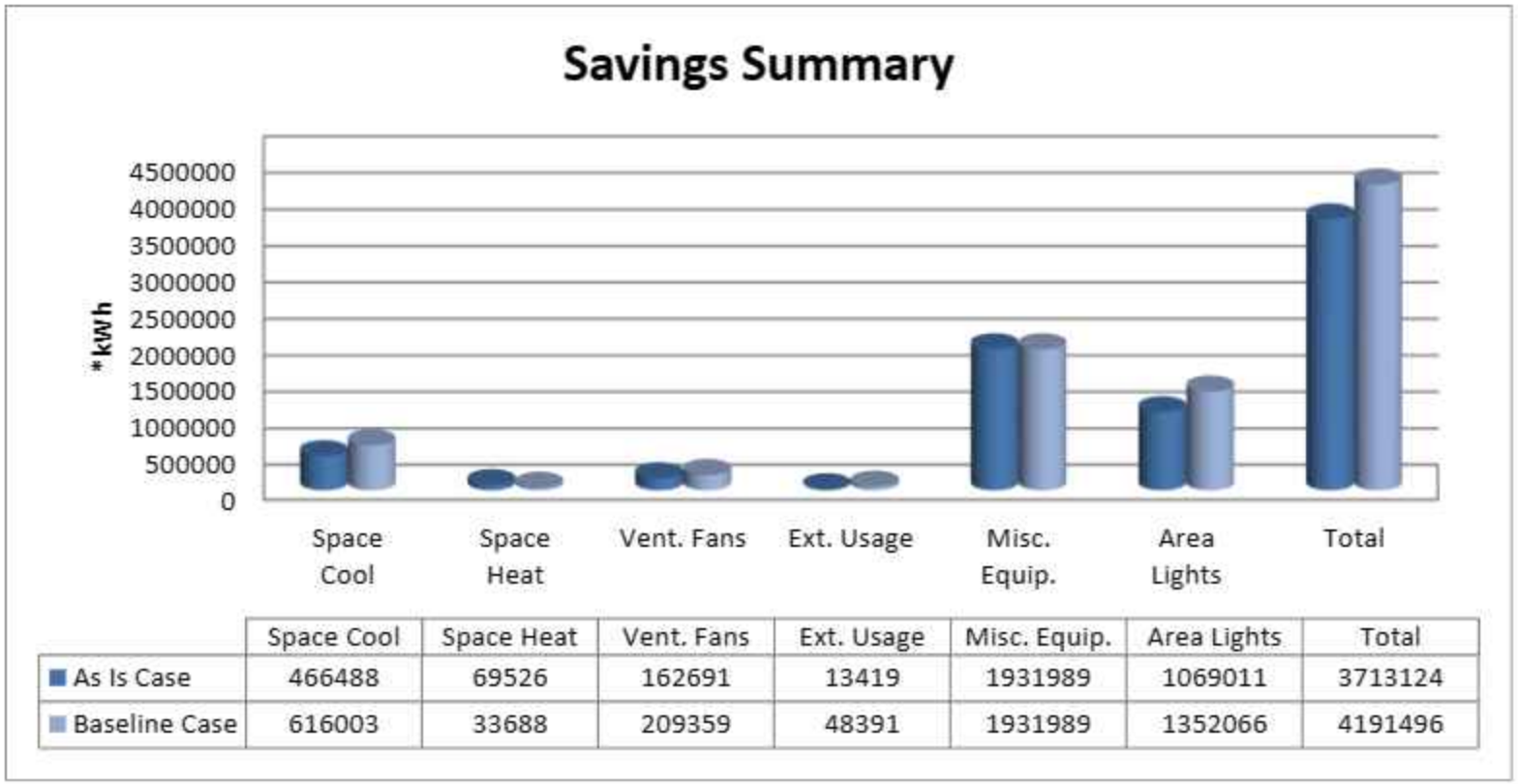
The primary energy end-uses for Base case are interior lighting (32.2%), followed by equipment (46%), cooling (14.7%), fan (4.9%), exterior (1.15%) and heat (0.8%) as illustrated by the following charts.

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.



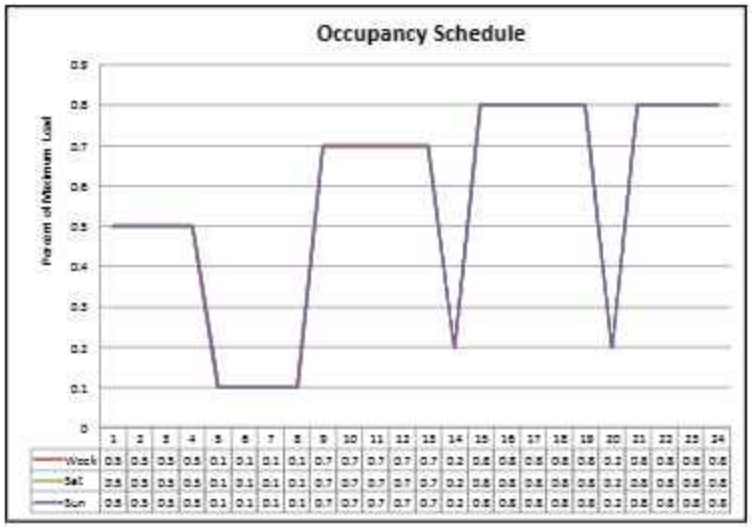


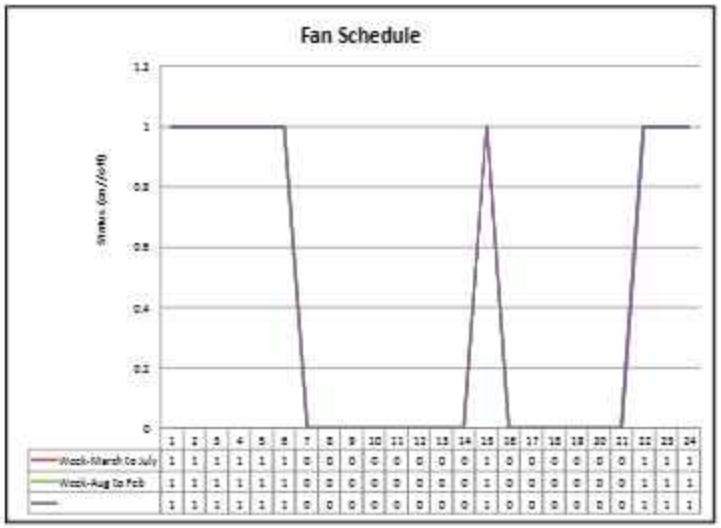
Saving Summary:

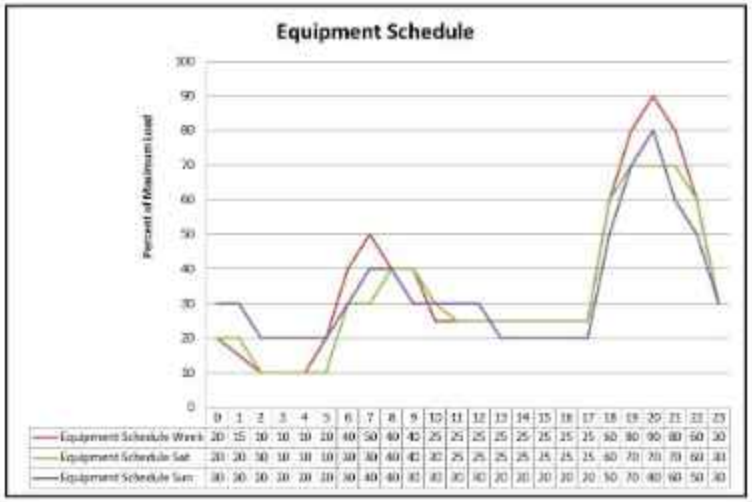


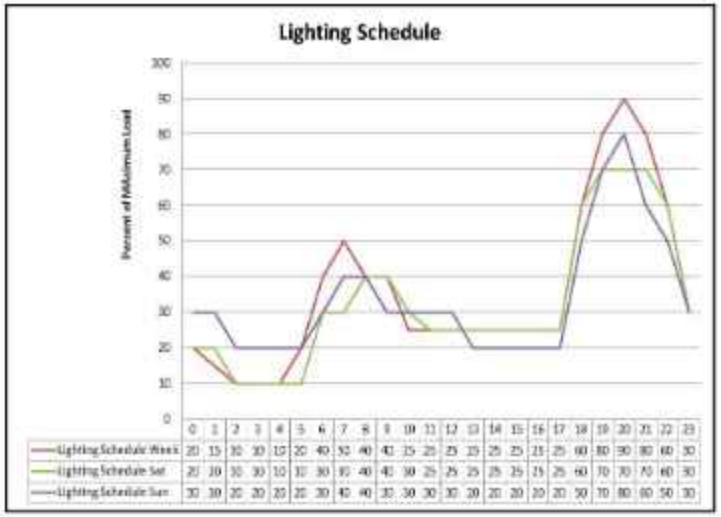
	Space Cool	Space Heat	Vent. Fans	Ext. Usage	Misc. Equip.	Area Lights	Total
As Is Case	466488	69526	162691	13419	1931989	1069011	3713124
Baseline Case	616003	33688	209359	48391	1931989	1352066	4191496

Schedules: (Residential building)









END OF REPORT