AMBIKA
Enhancing lifestyle

AMBIKA REALCON DEVELOPERS PRIVATE LIMITED

Sales Office : LA Parisian, Sector 66 Beta, IT City, Mohali, Punjab - 140307
Corp. Office : SCO: 18-19, Ground 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

Date:29.11.2024

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 30.09.2024 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 30.09.2024 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.

AMBIKA REALCON DEVELOPERS PVT. LTD.

29/11/2024

(Authorized Signatory)

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

2024

SIX MONTHLY COMPLIANCE REPORT
(Period ending 30.09.2024)

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

E-207, Industrial Area, Phase-VIIIB (Sector-74), Mohali (SAS Nagar), Punjab 160071

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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 under the name of M/s Ambika Realcon Pvt. Ltd. by SEIAA, Punjab vide Letter No. SEIAA/688 dated 24.05.2018; copy of EC letter is attached along as **Annexure- 1(a)**. Transfer of Environmental Clearance letter to the name of M/s Ambika Realcon Developers Pvt. Ltd. has been granted by SEIAA, Punjab vide Letter No. SEIAA/2018/1493 dated 03.12.2018; Copy of the same is attached along as **Annexure -1(b)**.
4.	**Location**	Site No. 2, IT City, Sector 66-Beta
	a) District (s)	SAS Nagar (Mohali)
	b) State (s)	Punjab
	c) Latitudes/ Longitudes	-
5.	**Address for correspondence**	**Mr. Harsh Bhargav** M/s Ambika Realcon Developers Pvt. Ltd., SCO 18-19, First Floor, Sector 9-D, Madhya Marg, Chandigarh -160009.
6.	**Salient features**	
	a) of the project	As per Environmental Clearance, total plot area of the project is 28,044.71 sq.m (or 6.93 acres) and total built up area of the project is 1,23,346.811 sq.m. The project consists of 8 residential towers involving 604 dwelling units. 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.
	b) of the environmental management plans	As per the revised approved layout plan, the total water requirement for the project will be 591 KLD and total wastewater generation from the project will be 473 KLD which will be treated in the STP of GMADA. Approximate 1,216 kg/day of solid waste will be generated from the project. This will be managed as per the Solid Waste Management Rules, 2016.

		The total power requirement will be 7,500 KVA from PSPCL.
7.	**Break-up of the project area**	
	a) Submergence area: Forest and Non-forest	Not applicable
	b) Others	Not applicable
8.	**Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.**	Not applicable
	a) SC/ST/Adivasis	Not applicable
	b) Others *(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)*	Not applicable
9.	**Financial details:**	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	Original planned cost- Rs. 225.67 Crores as per EC letter. (2018) Revised Estimated cost- Rs. 244.76 Crores (2021). Revised estimated cost- Rs. 298.20 Crores (2024).
	b) Allocations made for environmental management plans with item wise and year wise break up.	During construction phase, Rs. 181 lakhs will be incurred for implementation of EMP and Rs. 4.5 lakhs/annum will be incurred on account of recurring charges. During operation phase, Rs. 8 lakhs/annum will be incurred as recurring charges.
	c) Benefit cost ratio/internal rate of return and the year of assessment	Will be calculated and submitted separately.
	d) Whether (c) includes the cost of environmental management as shown in b) above.	Yes
	e) Actual expenditure incurred on the project so far.	Approx. Rs 264.08 Crores has been spent on the project till 30.09.2024.
	f) Actual expenditure incurred on the environmental management plans so far.	Approx. Rs 69.50 Lakhs has been spent on the Environmental Management Plan till 30.09.2024.
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:**	Construction work has been completed. Project is in partial operational phase.
	a) Date of commencement (actual and/or planned)	Actual date of commencement- June, 2018
	b) Date of completion (actual and/or planned)	Phase-1 -Nov, 2023
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 30.09.2024

PART-A – SPECIFIC CONDITIONS:

I. Pre-Construction Phase

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

II. Construction Phase: Construction has been completed.

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

	Demolition Waste Rules, 2016. Dust, smoke & debris prevention measures such as wheel washing, screens, barricading and debris chute shall be installed at the site during construction including plastic/ tarpaulin sheet covers for trucks bringing in sand & material at the site.	construction materials and on top of the trucks carrying raw materials.
3.	Construction spoils, including bituminous material and other hazardous material, must not be allowed to contaminate watercourses. The dump sites for such material must be secured, so that they should not leach into the groundwater.	There 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 during the construction phase 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. Proper record of treated water from STP is attached as **Annexure-20.**
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 12129.53. MT till 30.09.2024. 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 were followed during construction work for reducing water requirement.
8.	Adequate treatment facility for drinking water shall be provided, if required.	Clean drinking water was provided at the construction site for workers.
9.	The project proponent shall provide electromagnetic flow meter at the outlet of the water supply, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc.	Electromagnetic flow meters at the outlet of the water supply, GMADA connection, irrigation supply, inlet, outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for flushing and for horticulture purpose/green etc. has been installed. Photographs of flow meter is attached as **Annexure 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 Treated wastewater: Green (for reuse)	Dual plumbing system for reuse of treated wastewater for flushing has been provided and also color coding system is being done.

	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.
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 is being 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. 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>SI. 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.
Varied Consent to Operate (CTO) Air and CTO Water has been obtained accordingly for 576 DU’s from PPCB which is valid till 30.06.2025. 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 is being 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>The domestic wastewater is being treated in STP and after treatment is being utilized for flushing purpose, for irrigation purpose and only surplus treated wastewater is being discharged into GMADA sewer. Photographs showing meter placed at the outlet for landscaping, GMADA connection as well as STP inlet and outlet meter is shown in Annexure-7.
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,</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.	with a capacity of 9000 liters each, totaling 81,000 liters for flushing purposes.
4	The project proponent shall ensure safe drinking water supply to the habitants.	Noted. Clean drinking water was provided to the construction workers.
5	The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc.	Noted.
6	A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis.	Noted. Proper record for the groundwater abstraction, water consumption, its reuse, disposal, etc. is being maintained on regular basis. Proper record of groundwater abstraction as well as treated water is attached as **Annexure-18& 20**
7	Rainwater harvesting/recharging systems shall be operated and maintained properly as per CGWA guidelines.	Noted. Same is being complied.
8	The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection center & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the concerned collection center of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained.	Noted. The solid waste is being managed as per the Solid Waste Management Rules, 2016. All necessary facilities are being provided for collection, segregation, handling, on site storage & processing of solid waste such as wet & dry bins, collection center & mechanical composter etc. Also, a proper record in this regard is being maintained.
9	Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board.	Noted. Same is being 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.	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	Adequate green belt has been developed within premises. Photographs showing the

	night noise standards prescribed for residential land use.	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 of 126 KW capacity i.e. 14 KW per tower each.
14	A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, and lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF, the Zonal Office of CPCB and the SPCB/SEIAA in three months' time.	Noted. Report on the energy conservation measures conforming to energy conservation norms has been prepared. Copy of same is attached as **Annexure-21.**

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.
3.	The project proponent shall obtain permission from the CGWA for abstraction of groundwater & digging	No ground water will be used in the project. Thus, no permission is required.

	of borewell(s) and shall not abstract any groundwater without prior written permission of the CGWA, even if any borewell(s) exist at site.	However, water requirement is met through GMADA Supply. NOC from GMADA has already been obtained; copy of same is attached along as **Annexure 3.**
4.	The project proponent shall obtain CLU from the competent authority if applicable.	CLU is not applicable, as GMADA has allotted land for development of group housing project. Copy of allotment letter is attached as **Annexure 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. EC Letter has been uploaded on the website of the company and screenshot of the same is attached as **Annexure-12.**

II. CONSTRUCTION PHASE

SI. No.	Condition	Reply
1.	The project proponent shall adhere to the commitments made in the Environment Management Plan for the construction phase and Corporate Social Responsibility and shall spend minimum amount of Rs. 181 Lacs towards capital investment, Rs. 5.5 Lacs towards recurring including monitoring expenditure and Rs. 50 Lacs towards CSR activities as proposed in addition to the amount to be spent under the provisions of the Companies Act 1956.	We are complying the same. Adequate amount is being spent on EMP as well as for CSR activities as per the commitments made in the proposal. Till 30.09.2024, approx. Rs 69.50 Lakhs has been spent on the Environmental Management Plan (EMP) and approx. Rs. 2,08,227/- has been spent on CSR activities till 30.09.2024.

III. OPERATION PHASE AND ENTIRE LIFE

SI. No.	Condition	Reply
1	A) The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount of Rs. 8 Lacs towards recurring including monitoring expenditure as proposed in the EMP. B) The project proponent shall adhere to the commitments made in the proposal for CSR activities and	Noted. We are complying the same .Approx. Rs 69.50 has been spent on the Environmental Management Plan (EMP) and approx. Rs. 2,08,227/- has been spent on CSR activities till 30.09.2024.

	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.	
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 is 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. The layout plan has been approved by GMADA with minor changes and the total built up area has been reduced to 1,17,305.704 sq.m from 1,23,346.811 sq.m. Accordingly, EC Amendment will be obtained.
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 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.	Test reports showing the results of ambient air quality, ambient noise levels, soil and water quality and is attached along as **Annexure 13**.
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.	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 16.**
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	Full cooperation, facilities and documents/ data is being given to the respective authority by the project proponent during inspection.

	Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh.	
11.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority, Punjab.	The layout plan has been recently approved by GMADA with minor changes and the total built up area has been reduced to 1,17305.704 sq.m from 1,23346.811 sq.m. Accordingly, EC amendment will be obtained.
12.	Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ Petition (Civil) no. 460 of 2004 as may be applicable to this project and decisions of any competent Court, to the extent applicable.	Noted.
13.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	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 16.** Also, display Board has been placed near 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. Names of person involved in Environmental Management Cell (EMC) is Mr. Harsh Bhargav and Mr. R.K Aggarwal.

16.	The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi.	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

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

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

of

(Punjab Pollution Control Board)

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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REGD.OFF: 394- 395P, SECTOR-40, GURGAON
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/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: 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
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A.K.B 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 : 10/08/2023

STRUCTURAL STABILITY CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

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

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

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

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

Thanking You,

Signature of Structural Engineer with stamp

ER. NITISH AGARWAL
B.Tech, M.Tech (Str, IIT Roorkee)
AMIE No.: AM1754664

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,

Nitiy

Signature of Structural Engineer with stamp

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

A.K.B. CONSULTANTS
503/2, MG ROAD, GURGAON
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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 ਲੋੜਾਂ 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 ਵਜ਼ੋ 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** ਮੋਜੂਦਗੀ 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** ਰਾਸ਼ਟਰੀ 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 ਇੱਕ 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 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 ਵਜੋ 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।

SITE PHOTOGRAPHS

GREEN AREA











STP Inlet meter


STP Outlet Meter


Irrigation outlet meter


Bore well

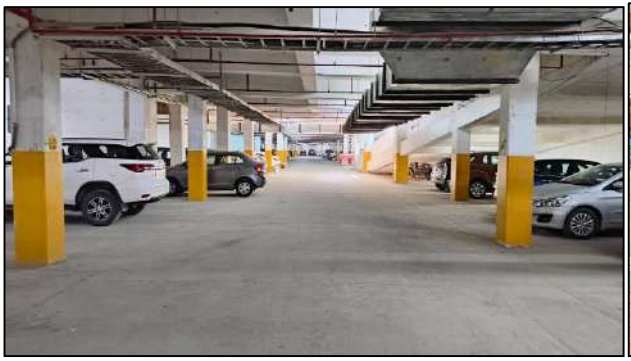

Gamada water
connection 25mm

STP Inlet & Outlet Meters

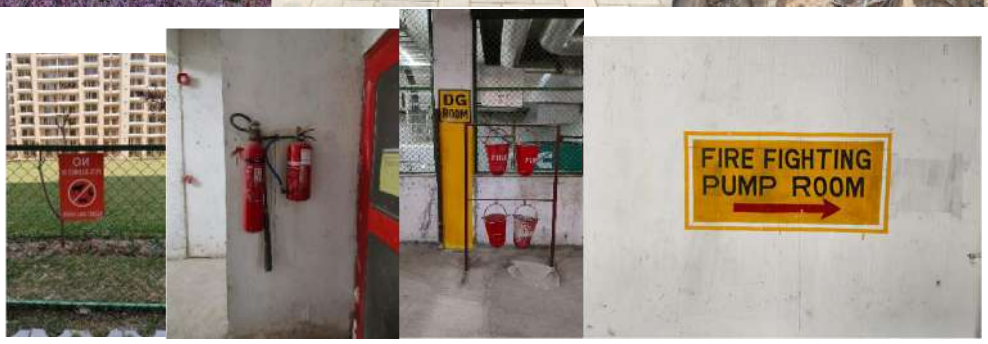
Borewell Flow Meter

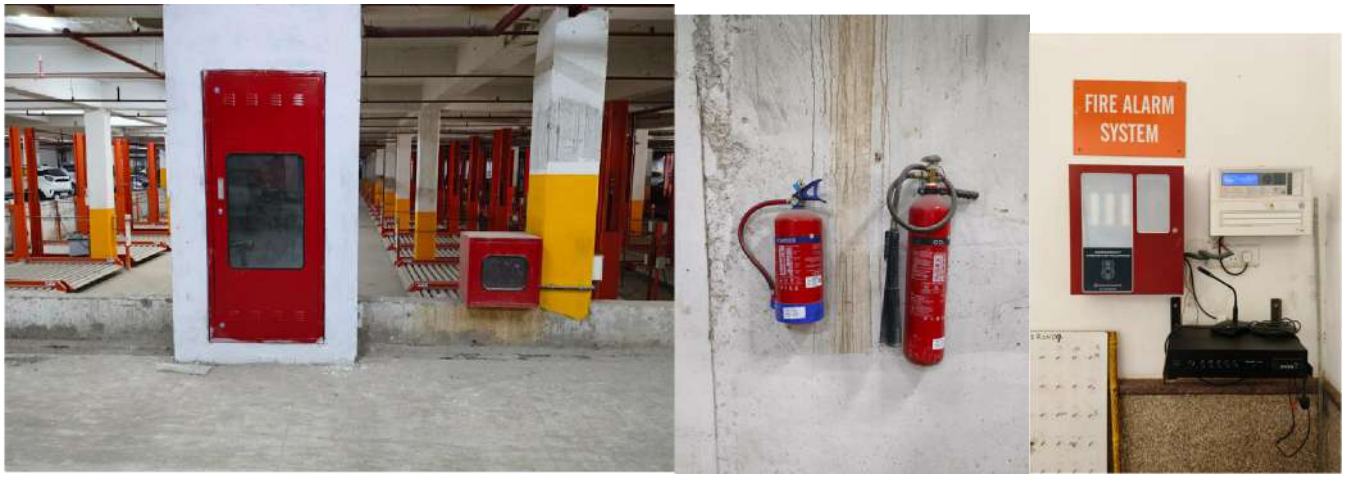
SOLID WASTE MANAGEMENT


PARKING




FIRE FIGHTING MEASURES





DG Sets

SOLAR SYSTEM PROVIDED

Tower Name: T6 Triomphe -D **Capacity:** 13.65KW

Tower Name: T7 Triomphe –C **Capacity:** 13.65KW

Tower Name: T8 Triomphe -B **Capacity:** 13.65KW


ECOSTER
EXIT RAMP

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

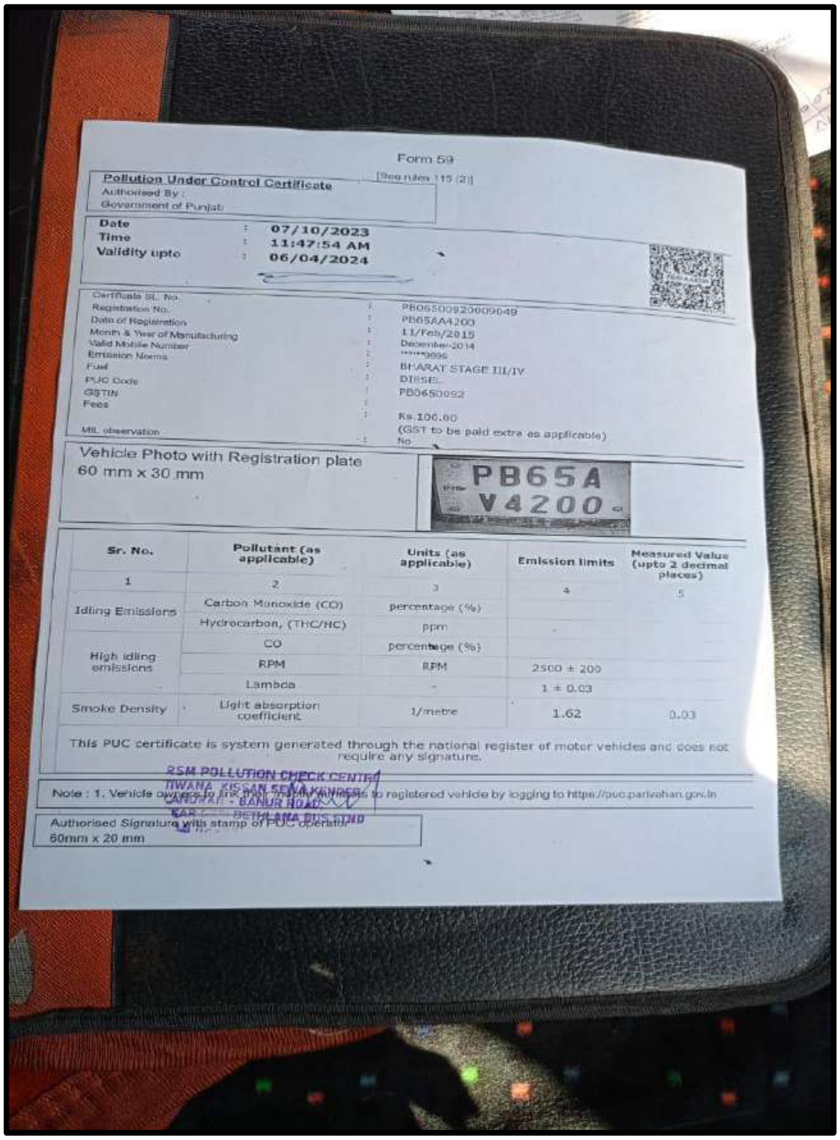
Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density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

POLLUTION CHECK CENTER PB0650081 PB65AU8506

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 centre
60mm x 20 mm



Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Punjab

Date	:	**07/10/2023**
Time	:	**11:47:54 AM**
Validity upto	:	**06/04/2024**

Certificate SL. No.	:	PB06500920009049
Registration No.	:	PB65AA4200
Date of Registration	:	11/Feb/2015
Month & Year of Manufacturing	:	December-2014
Valid Mobile Number	:	******9896
Emission Norms	:	BHARAT STAGE III/IV
Fuel	:	DIESEL
PUC Code	:	PB0650092
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

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/HC)	ppm	-	
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.03

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

RSM POLLUTION CHECK CENTRE
TIWANA KISSAN SEVA KENDER
LANDRAN - BANUR ROAD
NEAR BETHLANA BUS STAND

Form 6A

Pollution Under Control Certificate

Issued By
Government of Punjab

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

Certificate SL. No.	:	PB0650081000056?2
Registration No.	:	PB65AU8508
Date of Registration	:	19/Mar/2019
Month & Year of Manufacturing	:	January-2019
Valid Mobile Number	:	******5302
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	0.71

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

PUC CHECK CENTER PB0650081

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

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

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.	:	PB06500810005871
Registration No.	:	PB65AU6163
Date of Registration	:	19/Feb/2019
Month & Year of Manufacturing	:	December-2018
Valid Mobile Number	:	******2839
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	0.53

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

Note : 1. Visit https://puc.parivahan.gov.in to register mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

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

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	:	15/Mar/2019
Month & Year of Manufacturing	:	January-2019
Valid Mobile Number	:	******3674
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

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	:	******1674
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

GMADA

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰਿਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

ਪੁੱਡਾ ਭਵਨ ਸੈਕਟਰ 62 ਐਸ. ਏ. ਐਸ. ਨਗਰ।

(ਮਿਲਖ ਦਫਤਰ)

FORM-H

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

PARTIAL COMPLETION CERTIFICATE FROM COMPETENT AUTHORITY.

To,

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

Memo. No. ACA (GMADA)/2022/ 97733 Dated:- 27/12/2022

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

I hereby:-

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

Description of Building:-

Sector-66 Beta, IT City
SAS Nagar

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

* *You are bound to fulfill 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 :signed 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 | 2024 | 1529 Date: 03-09-2024

To

RAJINDER KUMAR AGGARWAL
HOUSE NO. 1239,
CHANDIGARH, NULL - 160047

Subject:- Grant Varied '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 Varied '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.:	2406364838
Date of Issue:	03-Sept-2024
Date of Expiry:	30-Jun-2025
Certificate Type:	Varied
Certificate No:	CTOA/Varied/PBIP/SAS/2024/210529348

2. Particulars of the Industry:

Name & Designation of the Applicant:	RAJINDER KUMAR AGGARWAL, (Authorised Signatory)
Name of Business Entity	AMBIKA REALCON DEVELOPERS PRIVATE LIMITED
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):	27638
Category of Industry:	Red
Type of Industry:	1063 - Building and Construction projects irrespective of 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 quantity per day):	Occupancy & Operation in 576 Residential flats and 25 no. booths/ shops in the project for which Consent to Establish already granted by the competent authority

Products (Name with quantity per day):	Occupancy & Operation in 576 Residential flats and 25 no. booths/ shops in the project for which Consent to Establish already granted by the competent authority
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:	2 no. DG sets of capacity 1000 KVA & 500 KVA - SPM,SOx,NOx
Mode of disposal of emissions with stack height:	2 no. DG sets of capacity 1000 KVA & 500 KVA - Stack of adequate height.
Quantity of fuel required in TPD:	2 no. DG sets of capacity 1000 KVA & 500 KVA - HSD only.
Type of Air Pollution Control Devices to be installed:	2 no. DG sets of capacity 1000 KVA & 500 KVA - Canopy provided with each DG Set.
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by CPCB/MoEF&CC/PPCB, from time to time.

3/09/24

Senior 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 with request to immediately collect sample from the inlet & outlet of STP & get it analysed from Board Laboratory. In case, the analysis results are found beyond permissible limits then report be sent to Competent Authority of the Board through E-Noting to take necessary action against the promoter.

- sd -

Senior 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 Ltd. or for getting loan from the financial institutions.

2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent

3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.

4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry

5. The authorized fuel being used shall not be changed without the prior written permission of the Board

6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.

7. 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

8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.

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 pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.

11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or reerected except with the prior approval of the Board

12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.

13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92- 3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-

(i) In the form of briquettes and use of rice husk in fluidized bed combustion.So the industry shall make the necessary arrangement to comply with the above notificatio

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

15. That 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

16. a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.

b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

Steam Generating capacity A		Required particulate matter B
Area upto 5 Km from the periphery of I and Class-II town	Other than A class	
Less than 2 ton/hr	800 mg/NM3	1200 mg/NM3
2 ton to 10 ton/hr	500 mg/NM3	1000 mg/NM3
Above 10 ton to 15 ton/hr	350 mg/NM3	500 mg/NM3
Above 15 ton/hr	150 mg/NM3	150 mg/NM3

All emissions normalized to 12% carbon dioxide.

17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of theHazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.

18. The air pollution control equipments shall be kept at all time in good running condition and.

(i). All failures of control equipments.

(ii). The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event.'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.

19. 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

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

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

22. 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

23. 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.

24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to the satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.

25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.

26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.

27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

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 to under this or any other Act.

29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions

30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.

31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.

32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.

33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.

34. 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

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

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

37. 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.

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

39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.

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

41. 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.

42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.

- sd -

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

B. SPECIAL CONDITIONS

1. This Consent is valid only for occupancy & operation in 576 Residential flats and 25 no. booths/ shops in the 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 obtain amendment in the Environment Clearance in lieu to the revised layout plan, change in effluent quantity & capacity of STP and shall ensure to submit compliance in this regard within 3 months to the Regional Office of the Board.

4. 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.

5. 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.

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

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

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

9. For biodegradable waste to be generated from the premises, the project proponent shall operate regular operation of mechanical composter installed within premises.

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

11. 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.

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

13. 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.

14. The project proponent shall ensure that all the construction material and debris shall be carried out in trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get disburse into the air or atmosphere in any form.

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

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

17. The Consent is being issued to the project proponent based upon the documents/ information submitted by it along with 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.

18. 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.

Senior 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/2024/1526 Date: 03-09-2024

To

RAJINDER KUMAR AGGARWAL
HOUSE NO. 1239,
CHANDIGARH, NULL - 160047

Subject:- Grant Varied '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 Varied '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.:	2406102784
Date of Issue:	03-Sept-2024
Date of Expiry:	30-Jun-2025
Certificate Type:	Varied
Certificate No:	CTOW/Varied/PBIP/SAS/2024/210529348

2. Particulars of the Industry:

Name & Designation of the Applicant:	RAJINDER KUMAR AGGARWAL, (Authorised Signatory)
Name of Business Entity	AMBIKA REALCON DEVELOPERS PRIVATE LIMITED
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):	27638
Category of Industry:	Red
Type of Industry:	1063 - Building and Construction projects irrespective of 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 quantity per day):	Occupancy & Operation in 576 Residential flats and 25 no. booths/ shops in the project for which Consent to Establish already granted by the competent authority

Products (Name with quantity per day):	Occupancy & Operation in 576 Residential flats and 25 no. booths/ shops in the project for which Consent to Establish already granted by the competent authority
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 @ 316 KLD - treated through STP of capacity 400 KLD.
Mode of disposal of Effluent:	As per special condition no. 2.
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974:	As prescribed by CPCB/MoEF&CC/PPCB, from time to time.

3/09/24

Senior 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 with request to immediately collect sample from the inlet & outlet of STP & get it analyzed from Board Laboratory. In case, the analysis results are found beyond permissible limits then report be sent to Competent Authority of the Board through E-Noting to take necessary action against the promoter.

-sd-

Senior 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.

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

B. SPECIAL CONDITIONS

1. This Consent is valid only for occupancy & operation in 576 Residential flats and 25 no. booths/ shops in the 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 @ 134 KLD for flushing purpose and shall utilize the treated effluent after STP @ 46 KLD -15 KLD- 4KLD for development of adequate green area (8,365.13 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 obtain amendment in the Environment Clearance in lieu to the revised layout plan, change in effluent quantity & capacity of STP and shall ensure to submit compliance in this regard within 3 months to the Regional Office of the Board.

5. The project proponent shall get its treated effluent analysis carried out from Board Laboratory within one month.

6. The project proponent will obtain necessary permission from PWRDA for abstraction of ground water, if applicable.

7. 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.

8. The project proponent shall ensure regular operation of the STP installed within its premises and ensure that the effluent treated shall achieve the prescribed standards at all times.

9. The project proponent shall ensure operation of the arrangements provided for usage of the treated effluent after STP for flushing purpose and shall utilize the treated effluent after STP for development of adequate green/ plantation area 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.

10. 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.

11. 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.

12. 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.

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

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

15. 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.

16. 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.

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

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

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

20. 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.

21. 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.

-sd -

Senior 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. : ५०००४ Date: ०५-०१-२०१४

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

Reference: **In continuation to allotment letter no.: 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

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 witjh 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

APPROVALS

ADDENDUM TO EC AMBIKA HOMES ARPL

Environment Clearance

AMBIKA CITY SM REPORT - 30-09-2020

AMBIKA CITY SM REPORT - 30-09-2022

Six Monthly Compliance Report 31.03.2023_Ambika City

EC WITH 6M CR 30092023 ARPL

EC Expansion 14022024 Florence Park ARPL

Ambika Homes 6M CR 31.03.2024

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TC-11818

TEST REPORT

ULR No : TC1181824000009789F		**Test Report No :** NGWL141024EM023	
Type of Sample : Water- Ground Water			
Reference Type : Email		**Reference No :** Dt.: 28/09/2024	
Customer Name	Group Housing Project namely "Ambika Homes"		
Address	located at sector 66-Beta, Site no.-2 Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.	**Period of Sampling**	14/10/2024 - 14/10/2024
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	**Date of Receipt of Sample**	14/10/2024
Sample Collection Mode	Sample collected by Laboratory	**Period of Analysis**	14/10/2024 - 18/10/2024
Testing Location	Permanent Facility	**Date of reporting**	19/10/2024
Sampling Location	Borewell (Project Site)		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	NA		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (A/14/01A), Glass Bottle-1litre (A/14/01B), Glass Bottle-1litre (A/14/01C) & Glass Bottle-500ml (A/14/01D)		

RESULTS

1. Chemical Testing

I. Water (Water- Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5	15	IS 3025 (Part 4) Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5)
3	pH @ 25°C	-	7.46	-	-	IS 3025 (Part 11)
4	Taste	-	Agreeable	-	-	IS 3025 (Part 8)
5	Turbidity	NTU	BDL (0.1)	1	5	IS 3025 (Part 10)
6	Chloride as Cl	mg/l	23	250	1000	IS 3025 (Part 32)
7	Iron as Fe	mg/l	0.021	1.0	No relaxation	USEPA 3015A
8	Total Hardness as CaCO3	mg/l	162	200	600	IS 3025 (Part 21)

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Mr. Mukesh Chand Agarwal
Authorized Signatory - Biological

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

EL-FMT-7.8.2-W

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 : TC118182400000978 9F **Test Report No :** NGWL141024EM023

Type of Sample : Water- Ground Water

3. Biological Testing

III. Water (Water- Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total coliform	Present or Absent/100m	Absent	-	-	IS 15185
2	Escherichia coli	Present or Absent/100ml	Absent	-	-	IS 15185

Remarks : NA

End of Report

OTHER INFORMATION

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

Terms & Conditions :

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

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Mr. Mukesh Chand Agarwal
Authorized Signatory - Biological

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

TEST REPORT

TC-11818

ULR No : TC1181824000009790F		**Test Report No :** NSL141024EM024	
Type of Sample : Soil			
Reference Type : Email		**Reference No :** Dt.: 28/09/2024	
Customer Name	Group Housing Project namely "Ambika Homes"		
Address	located at sector 66-Beta, Site no.-2 Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.	**Period of Sampling**	14/10/2024 - 14/10/2024
Sampling Protocol	USEPA/600/R-92/128, EL-MSP-7.3	**Date of Receipt of Sample**	14/10/2024
Sample Collection Mode	Sample collected by Laboratory	**Period of Analysis**	14/10/2024 - 18/10/2024
Testing Location	Permanent Facility	**Date of reporting**	19/10/2024
Sampling Location	From Park (Project Site)		
Sample Description	Brown coloured soil.		
Standard/Specifications	Manual- Dept. of Agriculture (GoI); 2011		
Packing, Markings, Seal & Qty.	10 Kg Polybag Marked (A/14/01)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Soil)

Sr.No	Test Parameter	Unit	Result	Test Method
1	Conductivity	mS/cm	0.389	IS 14767
2	Organic Matter	%	1.74	IS 2720 (Part 22) Sec 1
3	pH	-	8.05	IS 2720 (Part 26) Cl 2
4	Texture	-	Sandy Loam	IS 2720 (Part-4)
5	Sand	%	74	IS 2720 (Part-4)
6	Clay	%	15	IS 2720 (Part-4)
7	Silt	%	11	IS 2720 (Part-4)
8	Moisture Content	%	8.3	IS 2720 PART-2
9	Bulk Density	g/cc	1.69	IS : 2386:1963 (Part 3)

Remarks : NA

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-S

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 : TC1181824000009790F **Test Report No :** NSL141024EM024

Type of Sample : Soil

OTHER INFORMATION

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

Terms & Conditions :

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

Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

TEST REPORT

TC-11818

ULR No : TC1181824000009787F		**Test Report No :** NAAL151024EM007	
Type of Sample : Ambient Air		**Date of reporting :** 19/10/2024	
Reference Type : Email		**Reference No :** Dt.: 28/09/2024	
Customer	Group Housing Project namely "Ambika Homes", located at sector 66-Beta, Site no.-2 Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.		
Sampling Protocol	IS 5182, EL-MSP-7.3	**Mode of Collection of Sample**	Sample collected by Laboratory
Period of Sampling	14/10/2024 - 15/10/2024	**Date of Receipt of Sample**	15/10/2024
Sampling Location	Project Site	**Period of Analysis**	15/10/2024 - 17/10/2024
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009	**Environmental Condition**	Clear sky
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter as PM10	µg/m3	82	100	IS 5182 (Part 23)
2	Particulate Matter as PM2.5	µg/m3	44	60	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	12	80	IS 5182 (Part 2)
4	Oxides of Nitrogen	µg/m3	27	80	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	18	400	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	29	180	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.67	4	IS 5182 (Part 10) NDIR method

Remarks : NA

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. 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 I md@ecoparyavaran.org www.ecoparyavaran.org

TEST REPORT

TC-11818

ULR No : TC1181824000009787F	**Test Report No :** NAAL151024EM007
Type of Sample : Ambient Air	**Date of reporting :** 19/10/2024

OTHER INFORMATION

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

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

Mr. Umesh Kumar
Authorized Signatory- Chemical

TEST REPORT

TC-11818

ULR No : TC118182400000978F		**Test Report No :** NANL151024EM008	
Type of Sample : Ambient Noise		**Date of reporting :** 19/10/2024	
Reference Type : Email		**Reference No :** Dt.: 28/09/2024	
Customer Name	Group Housing Project namely "Ambika Homes"		
Address	located at sector 66-Beta, Site no.-2 Mohali, Punjab by M/s Ambika Realcon Developers Pvt. Ltd.		
Sampling Protocol	IS 9989, EL-MSP-7.3	**Mode of Collection of Sample**	Sample collected by Laboratory
Period of Sampling	14/10/2024 - 14/10/2024	**Date of Receipt of Sample**	15/10/2024
Sampling Location	Refer below^	**Period of Analysis**	15/10/2024 - 16/10/2024
Standard/Specifications	EPA 1986 Schedule-III	**Environmental Condition**	--
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

Sr.No	Location	Unit	Result (Day)	Test Method
1	At Project Site	dB(A)	52.8	EL/SOP/AN/01

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

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

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean 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

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (Sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-AN

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 : TC1181824000009788F	**Test Report No :** NANL151024EM008
Type of Sample : Ambient Noise	**Date of reporting :** 19/10/2024

OTHER INFORMATION

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4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
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Eco Paryavaran Laboratories & Consultants Pvt. Ltd. E-207 Phase VIII-B (sector-74) Mohali (Pb.) 160071

Mr. Umesh Kumar
Authorized Signatory- Chemical

Regd Post

Tele: 23010231/5215

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

Air HQ/S 17726/4/ATS (Ty BM-MMDCCCXLIX) 08 May 2018

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

NOC FOR CONSTRUCTION OF BUILDING

Sir,

1. Please refer your application on the subject.

2. The application has been examined within **provisions mentioned under section 5(2) of Gazette of India GSR 751 (E) read in conjunction with sub section (1) clause (o) & clause (r) of sub section 2 of section 5 read with section 9 A of Aircraft Act 1934, Works of Defence Act 1903** and other relevant orders on the subject. Air HQ has no objection for construction of building (for group housing project) **with a reduced height of 58.70 M** at Group Housing Plot No. GH-02, IT City, Sector-66B, Mohali, SAS Nagar (Punjab) subject **to following conditions**:

(a) The NOC is for construction of building and cannot be used as document for any other purpose/claim whatsoever including ownership of land.

(b) The applicant is responsible to obtain NOC/all statutory clearances from the concerned authorities including approval of building plans. Clearance shall also be obtained separately from any other defence establishment in the vicinity of proposed construction.

(c) The site elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation of the proposed structure. If however at any stage it is established that the actual site elevation and site coordinates are different from those provided by the applicant, the NOC will be invalid.

(d) The issue of the NOC is further subject to the provisions of Sec 9 A of the Indian Aircraft Act 1934 and those of any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by buildings and trees etc) Rules, 1994.

(e) Vertical extent (highest point) of the building(s) proposed at coordinates mentioned overleaf **shall not exceed 358.70 M AMSL or 58.70 M AGL whichever is lower**. No extension or structure permanent or temporary (e.g. Cranes, Antennas, Mumtee, 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

Outlook

Submission of six monthly compliance report for the period ending 31.03.2024 for Group Housing Project namely "Ambika Homes (La-Parisian)" by M/s Ambika Realcon Developers Pvt. Ltd.

From R K Aggarwal <rkaggarwal@teamambika.com>
Date Thu 5/16/2024 11:01 AM
To eccompliance-nro@gov.in <eccompliance-nro@gov.in>; ronz.chd-mef@nic.in <ronz.chd-mef@nic.in>
Cc seiaapb2017@gmail.com <seiaapb2017@gmail.com>; eenodal@yahoo.in <eenodal@yahoo.in>

1 attachment (11 MB)
Ambika Homes SMC 31.03.2024.pdf;

Respected Sir,

Greetings for the day!!!

We are hereby submitting six monthly compliance report for the period ending 31.03.2024 for our Group Housing Project namely "Ambika Homes (La-Parisian)" located at Site No. 2, IT City, Sector 66-Beta, District SAS Nagar (Mohali), Punjab.

Kindly acknowledge the receipt of the same.

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

Annexure-16

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	07182020H7JHM12JAmbikaHomesSMCompliance.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2020 is enclosed.	18/07/2020	
2	SIA/PB/NCP/73356/2018	01122021I5UVXU1MCompliancee.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2020 is enclosed	12/01/2021	
3	SIA/PB/NCP/73356/2018	08312021186097 34ambikahomes.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2021 is enclosed	31/08/2021	
4	SIA/PB/NCP/73356/2018	12012021124137 04AmbikaHomes.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2021 is enclosed	01/12/2021	
5	SIA/PB/NCP/73356/2018	09082022806436 45AH.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2022 is enclosed.	08/09/2022	
6	SIA/PB/NCP/73356/2018	12302022773334 12SixMonthlyComplianceAmbikaHomes.pdf	AH SM30.09.2022	30/12/2022	
7	SIA/PB/NCP/73356/2018	06032021734327 08AmbikaHomesFinal.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2023 is enclosed.	03/06/2023	
8	SIA/PB/NCP/73356/2018	11212023619788 67Ambikahomes.pdf	Ambika Homes six monthly compliance report for period ending 30.09.2023 is enclosed.	21/11/2023	
9	SIA/PB/NCP/73356/2018	05162024103704 41AmbikaHomesSMC.pdf	Ambika Homes six monthly compliance report for period ending 31.03.2024 is enclosed	16/05/2024	

WWW.INDIANEXPRESS.CO
THE INDIAN EXPRESS, SATURDAY, JUNE 2, 20

SBI
State Bank IT Global Centre,
CSD Belapur, Navi Mumbai

REQUEST FOR PROPOSAL FOR PROCUREMENT, SUPPLY AND WARRANTY SUPPORT OF MANAGED SWITCHES FOR STATE BANK GROUP

State Bank of India invites "Request for Proposal" for procurement, supply and warranty support of managed switches. Details of the requirement may be viewed under the 'Procurement News' tab of the home page of https://bank.sbi

Date: 02/06/2018 — Deputy General Manager, Networking & Communication Department

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OFFICE OF THE ADDITIONAL COMMISSIONER-II, MUNICIPAL CORPORATION
OLD OFFICE BUILDING, DHARAMSHALA

It is notified for the general public and concerned with the property known as House No. 43A/7, Defra Sahib Manmaryan, Stands in the Name of Smt. Savitri Devi who expired on 8.2.2000, leaving behind WILL regd at Sr.No. 6952 dated 15.3.1995 in favour of S/Sh. Karam Chand. Without getting the property mutation entered in his favour Sh. Karam Chand also expired on 7.3.2010. Now S/Smt. Promila Devi, Amit Sharma, Poonam Sharma, Rishi@Shikham and Aman Sharma have applied for entry of property in question, being legal heirs of late Sh. Karam Chand.

If anybody has any objection on the entry of property in question in favour of applicants, he/she/they may furnish the same within 30 days from the publication of this notice, failing which said property shall be entered in the names of the applicant and no further claim whatsoever shall be entertained thereafter.

Assistant Commissioner-II, Municipal Corporation, Dharamshala

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COMMAND HOSPITAL (NC), C/o 56 APO

TENDER NOTICE

Bids are invited from interested parties for **collection of liquid fixer used for X-Ray film development.** The bid would be opened at 1100 hrs on 11 June 2018. The bids can be dropped at quotation collection box in Accounts office or can be sent by post to Command Hospital, Udhampur, J&K with a label on the envelop marked As "Quotation for liquid fixer for radiology films". Participants are welcome to attend the bid opening at the specified time on the date.

COMMANDANT
Command Hospital (NC), C/o 56 APO

HARYANA IRRIGATION AND WATER RESOURCES DEPARTMENT

INVITATION OF EMERGENT e-TENDER

e-Tender for Supply of Store Material Items are invited to Receive (Online) upto **17.00 Hour on 12.06.2018** and the Physical Documents will be received upto **13.00 Hour on 13.06.2018** and would be Opened on at 15.00 Hour on the same date in the presence of Interested Firm. Detailed description of item and quality are present at our website as mentioned below.

Sr. No.	Requirement of Material	Details
1.	Requirement of Stock Materials at Charkhi Dadri Store	Please visit the website for detail Description & Quantity. http://etenders.hry.nic.in

6641213/Hry

Sd/- Executive Engineer,
Loharu Water Services Mech. Divn., Ch. Dadri.

SBI
State Bank of India
Anytime Channels Department, Air India Building,
Corporate Centre, Nariman Point, Mumbai – 400 021

REQUEST FOR PROPOSAL (RFP) FOR PROCUREMENT OF COMPREHENSIVE CENTRALLY MONITORED ELECTRONIC SURVEILLANCE SOLUTION FOR ATM INSTALLATIONS ON OPEX MODEL BASIS

State Bank of India has issued a 'Request for Proposal' for Procurement of Centrally Monitored E-Surveillance Solution for its ATM installations on Opex Model Basis. The details are available on the link "Procurement News" on Bank's website https://bank.sbi or https://sbi.co.in

Place: Mumbai
Date: 02/06/2018

Sd/-
Dy. General Manager
(ATM-I&S)

CSIR-Central Scientific Instruments Organisation
(Council of Scientific & Industrial Research)
Sector 30-C, Chandigarh (India)
www.csio.res.in
Phone No.: 0172-2657138, 0172-2672294, 2672431

No. CSIO/44/17-18/Elect. NIT No. 02/18-19/ELECT./CSIO/CHD.

NOTICE INVITING TENDER

Sealed Tenders in Two Envelope System are here-by invited for the following work in CSIO, Sector-30, Chandigarh:

Sr. No.	Name of Work	Estimated Cost / Earnest Money / Tender Cost (Rs.)	Time Allowed (Months)	Last Date & Time of Receipt of the Tender	Date & Time of Opening Technical Bid Envelope-I
1.	Annual Maintenance	34,69,696.00			

ਪਬਲਿਕ ਨੋਟਿਸ

ਬੈਂਕ ਦੀਆਂ ਵੱਖ ਵੱਖ 40 ਬ੍ਰਾਂਚਾਂ ਅਤੇ ਮੁੱਖ ਦਫਤਰ ਵਿਖੇ ਲਗੇ ਕੁੱਝ ਵੱਖ ਤਰ੍ਹਾਂ ਦੇ ਪ੍ਰਿਟਰ, ਸਕੈਨਰ, ਯੂ.ਪੀ.ਐਸ, ਨੋਟ ਕਾਊਂਟਿੰਗ ਮਸ਼ੀਨਾਂ, ਨੋਟ ਸੋਰਟਿੰਗ ਮਸ਼ੀਨਾਂ, ਮਨੀਟਰ, ਐਲ. ਸੀ. ਡੀ ਅਤੇ ਸੀ.ਪੀ. ਯੂ ਆਦਿ ਦੀ ਮੈਨਟੇਨਸ ਲਈ AMC (Annual Maintenance Contract) ਕਰਨ ਲਈ ਕੁਟੇਸ਼ਨਾਂ ਦੀ ਮੰਗ ਕੀਤੀ ਜਾਦੀ ਹੈ। ਇਸ ਲਈ ਚਾਹਵਾਨ ਪਾਰਟੀਆਂ ਵੱਲੋਂ AMC ਸਬੰਧੀ ਲਿਫਾਫਾ ਬੰਦ ਕੁਟੇਸ਼ਨਾਂ ਮਿਤੀ 14-06-2018 ਸ਼ਾਮ 4.00 ਵਜੇ ਤੱਕ ਬੈਂਕ ਦੇ ਮੁੱਖ ਦਫਤਰ ਸਰਹਾਲੀ ਰੋਡ ਤਰਨ ਤਾਰਨ ਵਿਖੇ ਦਸਤੀ ਜਾਂ ਡਾਕ ਰਾਹੀਂ ਭੇਜੇ ਜਾ ਸਕਦੇ ਹਨ। ਇਸ ਸਬੰਧੀ ਲੋੜੀਦੀ ਜਾਣਕਾਰੀ ਬੈਂਕ ਦੇ ਮੁੱਖ ਦਫਤਰ ਤੋਂ ਕਿਸੇ ਵੀ ਕੰਮ ਵਾਲੇ ਦਿਨ ਪ੍ਰਾਪਤ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ। ਕੁਟੇਸ਼ਨਾਂ ਨੂੰ ਬਿੰਨਾ ਕਾਰਨ ਦੱਸੇ ਰੱਦ ਕਰਨ ਦਾ ਅਧਿਕਾਰ ਸਬੰਧਤ ਕਮੇਟੀ ਕੋਲ ਰਾਖਵਾਂ ਹੋਵੇਗਾ।

ਸਹੀ/ਜਿਲ੍ਹਾ ਮੈਨੇਜਰ
ਦੀ ਤਰਨ ਤਾਰਨ ਸੈਂਟਰਲ ਕੋਆਪ੍ਰੇਟਿਵ ਬੈਂਕ ਲਿ: ਤਰਨ ਤਾਰਨ

PUNJAB STATE TRANSMISSION CORPORATION LTD
Regd. Office: PSEB Head Office, The Mall, Patiala
Corporate Identity Number: U40109PB2010SGC033814

E-TENDER NOTICE

Office Of:	SE/Civil, P&M civil Circle, Kothi No. 1N, TVS, PSTCL, Shahi Sadan Jalandhar E-Mail: secivilpm@gmail.com PH. No 99461-18099				
Estimated Cost (Rs. In Lacs):	13.70 Lacs				
Cost of Tender Documents	Cost is not charged				
EMD in Rs.	27400/-				
Completion Period of work	Two Months				
Name of Work	Tender Enquiry No.	Last dt & Time of Issue of Tender documents	Last dt & Time of Uploading of Tender	Dt. & Time of Opening of Tender for	
				L&C Societies	Contractors
Repair & Renewal of grass Sub U-Fencing at 220 KV S/s Sarna	ET-13/ 2018-19	29.06.2018 upto 11.00 AM	04.07.18 upto 11.00 AM	04.07.18 at 12.00 noon	04.07.18 at 1.00 PM

Detail scope of work and other terms and conditions may be downloaded from PSTCL website www.eprocure.com. Note: It is informed that in case tender process is not completed due to any reason, no corrigendum will be published in newspapers. Details regarding corrigendum may be seen on official PSTCL website www.pstcl.org

C-1664/Pb

SE/Civil, P&M civil Circle, PSTCL, Jalandhar

POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION & RESEARCH, CHA

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. 2, IT City, Sector 66-Beta, S.A.S. Nagar (Mohali), Punjab vide Letter No. **SEIAA/688** 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, Sec-17A, Chandigarh 160017, Regd. Address: 1218, DLF Tower B, Jasola District Center, 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, film are made i more tha two doze languages and Hind films lik Dangal hac collected more than Rs 1,600 crore and Bahubali 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

VISHNU VARMA

ANNEXURE-18

Borewell Reading for the month of April.

Date	Initial Reading m³	Current Reading m³	Cons. Today m³	PH:	TDS.
1/4/024	14569	14849	280	.7	265
2/4/024	14849	15119	270 ~~15119~~	-7	270
3/4/024	15119	15399	280	7	265
4/4/024	15399	15609	210	7	270
5/4/024	15609	15889	280	7	265
6/4/024	15889	16159	270	7	260
7/4/024	16159	16419	260	7	265
8/4/024	16419	16649	230	7	270
9/4/024	16649	16929	280	7	275
10/4/024	16929	17339	410	7	260
11/4/024	17339	17569	230	7	265
12/4/024	17569	17829	260	7	275
13/4/024	17829	18039	210	7	270
14/4/024	18039	18319	280	7	265
15/4/024	18319	18599	280	7	265
16/4/024	18599	18884	285	7	270
17/4/024	18884	19164	280	7	265
18/4/024	19164	19444	280	7	270
19/4/024	19444	19704	260	7	265
20/4/024	19704	20004	300	7	270
21/4/024	20004	20259	255	7	260
22/4/024	20259	20519	260	7	270
23/4/024	20519	20749	230	7	265
24/4/024	20749	21014	265	7	270
25/4/024	21014	21194	180	7	265
26/4/024	21194	21464	270	7	670
27/4/024	21464	21744	280	7	265
28/4/024	21744	22009	265	7	260
29/4/024	22009	22299	290	7	260
30/4/024	22299	22507	280	7	265

Borewell Reading for the month of May 2024

Date	Initial m³ Reading	Current m³ Reading	Consu. m³ Total	P.H.	TDS
1/5/24	22507	22763	256	7	270
2/5/024	22763	23116	253	7	265
3/5/024	23116	23444	328	7	270
4/5/024	23444	23737	293	7	270
5/5/024	23737	24013	276	7	265
6/5/024	24013	24280	267	7	270
7/5/024	24280	24534	254	7	265
8/5/024	24534	24882	348	7	266
9/5/024	24882	25195	313	7	265
10/5/024	25195	25487	292	7	266
11/5/024	25487	25759	272	7	265
12/5/024	25759	25946	187	7	266
13/5/024	25946	26251	305	7	265
14/5/024	26251	26516	265	7	265
15/5/024	26516	26829	313	7	275
16/5/024	26829	27121	292	7	285
17/5/024	27121	27411	290	7	295
18/5/024	27411	27676	265	7	266
19/5/024	27676	27986	310	7	265
20/5/024	27986	28253	267	7	265
21/5/024	28253	28544	291	7	275
22/5/024	28544	28856	312	7	265
23/05/024	28856	29026	170	7	266
24/05/024	29026	29236	210	7	265
25/05/024	29236	29508	272	7	266
26/05/024	29508	29769	261	7	265
27/05/024	29769	30040	271	7	265
28/05/024	30040	30305	265	7	266
29/05/024	30305	30419	114	7	265
30/05/024	30419	30664	245	7	266
31/05/024	30664	30926	262	7	266

Borewell Reading for the Month of June 2024.

Date	Driving Rdg.	current Reading	Consump.	P.H.	T.DS.
1/6/024	30926	31198	272	7	266
2/6/024	31198	31455	257	7	265
3/6/024	31455	31717	262	7	266
4/6/024	31717	31984	267	7	266
5/6/024	31984	32267	283	7	265
6/6/024	32267	32609	342	7	265
7/6/024	32609	32965	356	7	266
8/6/024	32965	33335	370	7	265
9/6/024	33335	33725	390	7	266
10/6/024	33725	34121	396	7	265
11/6/024	34121	34531	410	7	266
12/6/024	34531	34961	430	7	260
13/6/024	34961	35312	351	7	260
14/6/024	35312	35638	326	7	265
15/6/024	35638	36009	371	7	266
16/6/024	36009	36334	325	7	260
17/6/024	36334	36686	352	7	265
18/06/024	36686	37052	366	7	266
19/06/024	37052	37428	376	7	266
20/06/024	37428	37867	439	7	268
21/06/024	37867	38259	392	7	266
22/06/024	38259	38675	416	7	266
23/06/024	38675	39072	397	7	262
24/06/024	39072	39451	379	7	262
25/06/024	39451	39814	363	7	263
26/06/024	39814	40209	395	7	262
27/06/024	40209	40590	381	7	263
28/06/024	40590	40907	317	7	263
29/06/024	40907	41248	341	7	263
30/06/024	41248	41619	371	7	263
31/06/024	41619		413		

Borewell Reading for the Month of July.

Date	Previous Reading m^3	Current Reading m^3	Total Cons. m^3	P.H	TDS
1/7/024	41619	41975	356	7	263
2/7/024	41975	42342	367	7	263
3/7/024	42342	42704	362	7	264
4/7/024	42704	43085	381	7	263
5/7/024	43085	43460	375	7	263
6/7/024	43460	43819	359	7	264
7/7/024	43819	43991	172	7	263
8/7/024	43991	44302	311	7	264
9/7/024	44302	44618	316	7	264
10/7/024	44618	44827	209	7	264
11/7/024	44827	45097	270	7	263
12/7/024	45097	45327	230	7	263
13/7/024	45327	45603	276	7	264
14/7/024	45603	45884	281	7	263
15/7/024	45884	46174	290	7	263
16/7/024	46174	46459	285	7	264
17/7/24	46459	46754	295	7	263
18/7/24	46754	47064	310	7	264
19/7/24	47064	47354	290	7	263
20/7/24	47354	47640	286	7	264
21/7/024	47640	47945	305	7	263
22/7/024	47945	48241	296	7	263
23/7/024	48241	48550	309	7	264
24/7/024	48550	48851	301	7	264
25/7/024	48851	49131	280	7	263
26/7/024	49131	49402	271	7	263
27/7/024	49402	49688	286	7	263
28/7/024	49688	50040	352	7	263
29/7/024	50040	50457	417	7	263
30/7/024	50457	50890	433	7	263
31/7/024	50890	51347	457	7	263

Bore Well Reading for the month of August

Date	Previous Reading m^3	Current Reading m^3	Total Cons. m^3	P.H.	TDS.
1/8/024	51347	51820	473	7	264.
2/8/024.	51820	52324	504	7	264.
3/8/024	52324	52771	447	7	264
4/8/024	52771	53174	403	7	264
5/8/024	53174	54049	875	7	264
6/8/024	54049	54461	412	7	264
7/8/024	54461	54947	486	7	264
8/8/024	54947	55364	417	7	264
9/8/024	55364	55819	455	7	264
10/8/024	55819	56290	471	7	264
11/8/024	56290	56776	486	7	264
12/8/024	56776	56901	125	7	264
13/8/024	56901	57272	371	7	264
14/8/024	57272	57628	356	7	264
15/8/024	57628	57896	268	7	264
16/8/024	57896	58279	383	7	264.
17/8/024	58279	58634	355	7	264.
18/08/024	58634	58990	356	7	264.
19/08/024	58990	59352	362	7	264.
20/08/24	59352	59707	355	7	264.
21/08/24	59707	60065	358	7	264.
22/08/24	60065	60592	527	7	264
23/08/024	60592	61052	460	7	264
24/08/024	61052	61504	452	7	264
25/8/024	61504	61971	467	7	264
26/8/024	61971	62350	379	7	264
27/8/024	62350	62696	346	7	264
28/8/024	62696.	63172	476	7	264
29/8/024	63172	63689	517	7	264
30/8/024	63689	63959	270	7	264
31/8/024	63959	64269	310	7	264

Borewell Reading for the Month of September 2024

Date	Previous Reading m³	Current Reading m³	Total Consumption m³	P.H.	TDS
1/9/024	64269	64564	295	7	264
2/9/024	64564	64846	282	7	264
3/9/024	64846	65688	842	7	264
4/9/024	65688	65997	309	7	264
5/9/024	65997	66310	313	7	264
6/9/024	66310	66868	558	7	264
7/9/024	66868	67183	315	7	264
8/9/024	67183	67561	378	7	264
9/9/024	67561	67921	360	7	264
10/9/024	67921	68194	273	7	264
11/09/024	68194	68558	364	7	264
12/09/024	68558	68901	343	7	267
13/09/024	68901	69262	361	7	2·67
14/09/024	69262	69582	320	7	264
15/09/024	69582	69901	319	7	264
16/09/024	69901	70261	360	7	264
17/09/024	70261	70606	345	7	264
18/09/024	70606	71281	675	7	264
19/09/024	71281	71696	415	7	264
20/09/024	71696	71979	283	7	264
21/09/024	71979	72270	291	7	264
22/9/024	72270	72577	307	7	264
23/9/024	72577	73173	596	7	264
24/9/024	73173	73496	323	7	264
25/9/024	73496	73895	399	7	264
26/9/024	73895	74163	268	7	264
27/9/024	74163	74505	342	7	264
28/9/024	74505	74754	246	7	264
29/9/024	74754	75065	311	7	264
30/9/024	75065	75367	302	7	264

AMBIKA REALCON DEVELOPERS PVT. LTD.							
LA PARISIAN SEC 66 B IT CITY MOHALI							
			Fly ash summary Up to 30th September 2024			Date : 30.09.24	
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	2994.67	150.00	449200.50	449.20	
3	Total M10	Cum	85.50	150.00	12825.00	12.83	
4	Total M15	Cum	1652.00	140.00	231280.00	231.28	
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	24892.50	120.00	2987100.00	2987.10	
8	Total M35	Cum	3048.24	120.00	365788.80	365.79	
9	Total SCC M30	Cum	24935.24	220.00	5485752.80	5485.75	
10	Total SCC M35	Cum	11266.10	220.00	2478542.00	2478.54	
				Total fly ash used in (MT)		**12129.53**	

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : Ambika

ECO GROUP

SHIFT I Date : 1/10/24 Operator Name : Indra Bhushan Operator Signature : Ind

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on	on-1	on-1	OFF	OFF	53038	40308	6356	Backwash
07-00	on	on-2	on-2	on	on	53048	40317	6357	MGF & ACF
08-00	on	on-2	on-2	"	"	53058	40326	6358	
09-00	on	on-1	on-1	"	"	53068	40335	6359	MLSS→11oml
10-00	on	on-1	on-1	on	on	53078	40344	6360	
11-00	on	on-2	on-2	"	"	53088	40353	6361	PH→ 8.1
12-00	on	on-2	on-2	"	"	53098	40359	6362	
13-00	on	on-1	on-1	"	"	53108	40365	6363	
14-00	on	on-1	on-1	on	on	53118	40371	6364	

SHIFT II Date : 1/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53118	40371	6369	
15-00	ON	ON-2	ON-2	"	"	53126	40378	6365	
16-00	ON	ON-2	ON-2	"	"	53135	40386	6366	
17-00	ON	ON-1	ON-1	"	"	53143	40393	6367	
18-00	ON	ON-1	ON-1	ON	ON	53152	40401	6368	
19-00	ON	ON-2	ON-2	"	"	53160	40408	6369	
20-00	ON	ON-2	ON-2	"	"	53169	40416	6370	
21-00	ON	ON-1	ON-1	"	"	53177	40423	6371	
22-00	ON	ON-1	ON-1	ON	ON	53186	40430	6372	

SHIFT III Date : 1/10/24 Operator Name : Pardeep Singh Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	53186	40430	6372	
23-00	ON	ON-2	ON-2	"	"	53191	40434	6373	Garden
00-00	ON	ON-2	ON-2	"	"	53196	40438	6374	
01-00	ON	ON-1	ON-1	"	"	53201	40442	6375	27338-27328
02-00	ON	ON-1	ON-1	ON	ON	53206	40446	6376	
03-00	ON	ON-2	ON-2	"	"	53211	40450	6377	136 KL
04-00	ON	ON-2	ON-2	"	"	53216	40454	6378	
05-00	ON	ON-1	ON-1	"off	"off	53221	40458	6379	
06-00	ON	ON-1	ON-1	off	off	53226	40462	6380	

Total Inlet KLD : 138 KL Total Outlet KLD : 754 KL Total Energy Consumption KW / Day : 94 KW

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 4 CD KLD Location : Ambika.

ECO GROUP

SHIFT I Date : 2/10/24 Operator Name : Indra Bhushan. Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on.	on-1	on-1	OFF	OFF	53226	40462	6380	Backwash.
07-00	on	on-2	on-2	on.	on.	53236	40471	6381	
08-00	on.	on-2	on-2	"	"	53246	40480	6382	MP+FS ACF
09-00	on	on-1	on-1	"	"	53256	40489	6383	
10-00	on	on-1	on-1	on.	on.	53266	40498	6384	MLSS → 11000
11-00	on.	on-2	on-2	"	"	53276	40507	6385	
12-00	on.	on-2	on-2	"	"	53286	40516	6386.	PH → 8.1
13-00	on.	on-1	on-1	"	"	53296	40525	6387	
14-00	on.	on-1	on-1	on.	on.	53306	40534	6388	

SHIFT II Date : 2-10-24 Operator Name : Brijesh Kumar Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53306	40534	6388	
15-00	ON	ON-2	ON-2	"	"	53313	40540	6389	
16-00	ON	ON-2	ON-2	"	"	53320	40546	6390	
17-00	ON	ON-1	ON-1	"	"	53327	40552	6391	
18-00	ON	ON-1	ON-1	ON	ON	53334	40558	6392	
19-00	ON	ON-2	ON-2	"	"	53341	40564	6393	
20-00	ON	ON-2	ON-2	"	"	53348	40570	6394	
21-00	ON	ON-1	ON-1	"	"	53355	40576	6395	
22-00	ON	ON-1	ON-1	ON	ON	53362	40582	6396	

SHIFT III Date : 2/10/24 Operator Name : Parveen Sinha Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	53362	40582	6396	
23-00	ON	ON-2	ON-2	"	"	53367	40587	6397	Garden.
00-00	ON	ON-2	ON-2	"	"	53372	40590	6398	
01-00	ON	ON-1	ON-1	"	"	53377	40594	6399	27338-27460
02-00	ON	ON-1	ON-1	ON	ON	53382	40598	6400	
03-00	ON	ON-2	ON-2	"	"	53387	40602	6401	122 KL
04-00	ON	ON-2	ON-2	"	"	53392	40606	6402	
05-00	ON	ON-1	ON-1	"	"	53397	40610	6403	
06-00	ON	ON-1	ON-1	off	off	53402	40614	6404	

Total Inlet KLD : 176 KL. Total Outlet KLD : 152 KL. Total Energy Consumption KW / Day : 24 KW.

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET Operation & Maintenance of STP/ETP Capacity : 40 KLD Location Ambika

ECO GROUP

SHIFT I Date : 3/10/24 Operator Name : Indra Bhushan Operator Signature : Ind

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on	on-1	on-1	OFF	OFF	53462	40614	6404	BACKWash.
07-00	on	on-2	on-2	on	on	53472	40623	6405	
08-00	on	on-2	on-2	"	"	53482	40632	6406	MGF & ACF
09-00	on	on-1	on-1	"	"	53492	40641	6407	MGF → 10ml.
10-00	on	on-1	on-1	on	on	53502	40650	6408	
11-00	on	on-2	on-2	"	"	53512	40659	6409	P.H. 8.2
12-00	on	on-2	on-2	"	"	53462	40668	6410	
13-00	on	on-1	on-1	"	"	53472	40677	6411	
14-00	on	on-1	on-1	on	on	53482	40686	6412	

SHIFT II Date : 3/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53482	40686	6412	
15-00	ON	ON-2	ON-2	"	"	53490	40693	6413	
16-00	ON	ON-2	ON-2	"	"	53498	40700	6414	
17-00	ON	ON-1	ON-1	"	"	53506	40707	6415	
18-00	ON	ON-1	ON-1	ON	ON	53514	40714	6416	
19-00	ON	ON-2	ON-2	"	"	53522	40721	6417	
20-00	ON	ON-2	ON-2	"	"	53530	40728	6418	
21-00	ON	ON-1	ON-1	"	"	53538	40735	6419	
22-00	ON	ON-1	ON-1	ON	ON	53546	40742	6420	

SHIFT III Date : 3/10/24 Operator Name : Pardeep Singh Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	53546	40742	6420	
23-00	ON	ON-2	ON-2	"	"	53551	40748	6421	Garden.
00-00	ON	ON-2	ON-2	"	"	53556	40750	6422	
01-00	ON	ON-1	ON-1	"	"	53561	40754	6423	27460-27583
02-00	ON	ON-1	ON-1	ON	ON	53566	40758	6424	
03-00	ON	ON-2	ON-2	"	"	53571	40762	6425	= 123 KL.
04-00	ON	ON-2	ON-2	"	"	53576	40766	6426	
05-00	ON	ON-1	ON-1	"	"	53581	40770	6427	
06-00	ON	ON-1	ON-1	OFF	OFF	53586	40774	6428	

Total Inlet KLD : 184 KL. Total Outlet KLD : 160 KL Total Energy Consumption KW / Day : 24 KW.

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : AMbiKa

ECO GROUP

SHIFT I Date : 4/10/24 Operator Name : Indra Bhushan. Operator Signature : Indra.

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on.	on-1	on-1	OFF	OFF	53586	40774	6428	Backwash.
07-00	on.	on-2	on-2	on.	on.	53596	40783	6429	
08-00	on	on-2	on-2	"	"	53606	40792	6430	M.G.F. & ACF.
09-00	on	on-1	on-1	"	"	53616	40801	6431	
10-00	on	on-1	on-1	on.	on.	53626	40810	6432	MLSS → 712 ml
11-00	on	on-2	on-2	"	"	53636	40819	6433	
12-00	on	on-2	on-2	"	"	53646	40828	6434	P.H. 8.1.
13-00	on.	on-1	on-1	"	"	53656	40837	6435	
14-00	on.	on-1	on-1	on.	on.	53666	40846	6436	

SHIFT II Date : 4/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53666	40846	6436	
15-00	ON	ON-2	ON-2	"	"	53673	40852	6437	
16-00	ON	ON-2	ON-2	"	"	53679	40857	6438	
17-00	ON	ON-1	ON-1	"	"	53686	40863	6439	
18-00	ON	ON-1	ON-1	ON	ON	53692	40868	6440	
19-00	ON	ON-2	ON-2	"	"	53699	40879	6441	
20-00	ON	ON-2	ON-2	"	"	53705	40879	6442	
21-00	ON	ON-1	ON-1	"	"	53712	40885	6443	
22-00	ON	ON-1	ON-1	ON	ON	53718	40890	6444	

SHIFT III Date : 4/10/24 Operator Name : Paxdeep Singh Operator Signature : P

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	53718	40890	6444	
23-00	ON	ON-2	ON-2	"	"	53723	40894	6445	
00-00	ON	ON-2	ON-2	"	"	53728	40898	6446	
01-00	ON	ON-1	ON-1	"	"	53733	40902	6447	Gardin.
02-00	ON	ON-1	ON-1	ON	ON	53738	40906	6448	
03-00	ON	ON-2	ON-2	"	"	53743	40910	6449	27583-27707
04-00	ON	ON-2	ON-2	"	"	53748	40914	6450	
05-00	ON	ON-1	ON-1	"	"	53753	40918	6451	124 KL
06-00	ON	ON-1	ON-1	off	off	53758	40922	6452	

Total Inlet KLD : 172 KL Total Outlet KLD : 148 KL Total Energy Consumption KW / Day : 24 KW

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : Ambika **ECO GROUP**

SHIFT I Date : 5/10/24 Operator Name : Indra Bhushan. Operator Signature : Ind

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on.	on-1	on-1	OFF	OFF	53758	40922	6452.	Back Wash.
07-00	on.	on-2	on-2	on.	on.	53768	40931	6453	
08-00	on.	on-2	on-2	〃	〃	53778	40940	6454	M.GF.&ACF.
09-00	on.	on-1	on-1	〃	〃	53788	40949	6455	
10-00	on	on-1	on-1	〃	〃	53798	40958	6456	MLSS→ 116 ml
11-00	on	on-2	on-2	on	on.	53808	40967	6457	
12-00	on.	on-2	on-2	〃	〃	53818	40976	6458	P. H. 8.1
13-00	on	on-1	on-1	〃	〃	53828	40985	6458	
14-00	on	on-1	on-1	on	on.	53838	40994	6459	

SHIFT II Date : 5/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53838	40994	6459	
15-00	ON	ON-2	ON-2	〃	〃	53843	40998	6460	
16-00	ON	ON-2	ON-2	〃	〃	53848	41002	6461	
17-00	ON	ON-1	ON-1	〃	〃	53853	41006	6462	
18-00	ON	ON-1	ON-1	ON	ON	53858	41010	6463	
19-00	ON	ON-2	ON-2	〃	〃	53863	41014	6464	
20-00	ON	ON-2	ON-2	〃	〃	53868	41018	6465	
21-00	ON	ON-1	ON-1	〃	〃	53873	41022	6466	
22-00	ON	ON-1	ON-1	ON	ON	53878	41026	6467	

SHIFT III Date : 5/10-24 Operator Name : Pardeep Singh Operator Signature : P

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	53878	41026	6467	
23-00	ON	ON-2	ON-2	〃	〃	53883	41030	6468	Chorlin.
00-00	ON	ON-2	ON-2	〃	〃	53888	41034	6469	
01-00	ON	ON-1	ON-1	〃	〃	53893	41038	6470	27707-27832
02-00	ON	ON-1	ON-1	ON	ON	53898	41042	6471	
03-00	ON	ON-2	ON-2	〃	〃	53903	41046	6472	125 KL.
04-00	ON	ON-2	ON-2	〃	〃	53908	41050	6473	
05-00	ON	ON-1	ON-1	〃	〃	53913	41054	6474	
06-00	ON	ON-1	ON-1	off	off	53918	41058	6475	

Total Inlet KLD : 136 KL Total Outlet KLD : 160 KL Total Energy Consumption KW / Day : 24 KW.

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400. KLD Location : Ambika.

ECO GROUP

SHIFT I Date : 6/10/24 Operator Name : Indra Bhushan. Operator Signature : Indra

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	on.	on-1	on-1	OFF	OFF	53918	41058	6475	Back. Wash.
07-00	on	on-2	on-2	on	on	53928	41067	6476	
08-00	on	on-2	on-2	"	"	53938	41076	6477	M.G.F. & ACF.
09-00	on	on-1	on-1	"	"	53948	41085	6478	
10-00	on	on-1	on-1	"	"	53958	41094	6479	MLSS → 110ml
11-00	on	on-1	on-2	on	on.	53968	41103	6480	
12-00	on	on-2	on-2	"	"	53978	41112	6481	P.H. 8.2
13-00	on.	on-1	on-1	"	"	53988	41121	6482	
14-00	on.	on-1	on-1	on.	on.	53998	41130	6483	

SHIFT II Date : 6/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	53998	41130	6483	
15-00	ON	ON-2	ON-2	"	"	54003	41134	6484	
16-00	ON	ON-2	ON-2	"	"	54008	41138	6485	
17-00	ON	ON-1	ON-1	"	"	54013	41142	6486	
18-00	ON	ON-1	ON-1	ON	ON	54018	41146	6487	
19-00	ON	ON-2	ON-2	"	"	54023	41150	6488	
20-00	ON	ON-2	ON-2	"	"	54028	41154	6489	
21-00	ON	ON-1	ON-1	"	"	54033	41158	6490	
22-00	ON	ON-1	ON-1	ON	ON	54038	41162	6491	

SHIFT III Date : 6/10/24 Operator Name : Pardeep Singh Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	54038	41162	6491	
23-00	ON	ON-2	ON-2	"	"	54043	41166	6492	Gardin.
00-00	ON	ON-2	ON-2	"	"	54048	41170	6493	
01-00	ON	ON-1	ON-1	"	"	54053	41174	6494	27832-27958
02-00	ON	ON-1	ON-1	ON	ON	54058	41178	6495	
03-00	ON	ON-2	ON-2	"	"	54063	41182	6496	= 126KL.
04-00	ON	ON-2	ON-2	"	"	54068	41186	6497	
05-00	ON	ON-1	ON-1	off	off	54073	41190	6498	
06-00	ON	ON-1	ON-1	off	off	54078	41194	6499	

Total Inlet KLD : 160 KL. Total Outlet KLD : 136 KL Total Energy Consumption KW / Day : 24 KW.

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : Ambika

ECO GROUP

SHIFT I Date : 7/10/24 · Operator Name : Indra Bhushan Operator Signature : Ind

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	ON	On-1	On-1	OFF	OFF	54078	41194	6499	
07-00	On	On-2	On-2	On	On	54088	41203	6500	
08-00	On	On-2	On-2	〃	〃	54098	41212	6501	
09-00	On	On-1	On-1	〃	〃	54108	41221	6502	
10-00	On	On-1	On 1	On	On	54118	41230	6503	
11-00	On	On-2	On-2	〃	〃	54128	41239	6504	
12-00	On	On-2	02-2	〃	〃	54138	41248	6505	
13-00	On	On-1	On-1	〃	〃	54148	41257	6506	
14-00	On	On-1	On-1	On	On	54158	41266	6507	

SHIFT II Date : 7/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	54158	41266	6507	
15-00	ON	ON-2	ON-2	〃	〃	54163	41270	6508	
16-00	ON	ON-2	ON-2	〃	〃	54168	41274	6509	
17-00	ON	ON-1	ON-1	〃	〃	54173	41278	6510	
18-00	ON	ON-1	ON-1	ON	ON	54178	41282	6511	
19-00	ON	ON-2	ON-2	〃	〃	54183	41286	6512	
20-00	ON	ON-2	ON-2	〃	〃	54188	41290	6513	
21-00	ON	ON-1	ON-1	〃	〃	54193	41294	6514	
22-00	ON	ON-1	ON-1	ON	ON	54198	41298	6515	

SHIFT III Date : 7/10/24 Operator Name : Pardeep Singh Operator Signature : P

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	54198	41298	6515	
23-00	ON	ON-2	ON-2	〃	〃	54203	41302	6516	Garden
00-00	ON	ON-2	ON-2	〃	〃	54208	41306	6517	27958 -
01-00	ON	ON-1	ON-1	〃	〃	54213	41310	6518	
02-00	ON	ON-1	ON-1	ON	ON	54218	41314	6519	
03-00	ON	ON-2	ON-2	〃	〃	54223	41318	6520	
04-00	ON	ON-2	ON-2	〃	〃	54228	41322	6521	
05-00	ON	ON-1	ON-1	〃	〃	54233	41326	6522	
06-00	ON	ON-1	ON-1	off	off	54238	41330	6523	

Total Inlet KLD : 160 KL Total Outlet KLD : 136 KL Total Energy Consumption KW / Day :

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : Ambika

ECO GROUP

SHIFT I Date : 8/10/24 Operator Name : Pardeep Singh Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	ON	ON-1	ON-1	off	off	54238	41330	6523	Backwash
07-00	ON	ON-2	ON-2	ON	ON	54248	41339	6524	M.L.E+A.S.F
08-00	ON	ON-2	ON-2	"	"	54258	41348	6525	
09-00	ON	ON-1	ON-1	"	"	54268	41357	6526	MLSS - 100ml
10-00	ON	ON-1	ON-1	ON	ON	54278	41366	6527	
11-00	ON	ON-2	ON-2	"	"	54288	41375	6528	P.H - 8.2
12-00	ON	ON-2	ON-2	"	"	54298	41384	6529	
13-00	ON	ON-1	ON-1	"	"	54308	41393	6530	
14-00	ON	ON-1	ON-1	ON	ON	54318	41402	6531	

SHIFT II Date : 8/10/24 Operator Name : Brijesh Kumar Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	54318	41402	6531	
15-00	ON	ON-2	ON-2	"	"	54325	41408	6531	
16-00	ON	ON-2	ON-2	"	"	54332	41414	6532	
17-00	ON	ON-1	ON-1	"	"	54339	41420	6533	
18-00	ON	ON-1	ON-1	ON	ON	54346	41426	6534	
19-00	ON	ON-2	ON-2	"	"	54353	41432	6535	
20-00	ON	ON-2	ON-2	"	"	54360	41438	6536	
21-00	ON	ON-1	ON-1	"	"	54367	41444	6537	
22-00	ON	ON-1	ON-1	ON	ON	54374	41450	6538	

SHIFT III Date : 8/10/24 Operator Name : Pardeep Singh Operator Signature :

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	54374	41450	6538	
23-00	ON	ON-2	ON-2	"	"	54379	41454	6539	Garden
00-00	ON	ON-2	ON-2	"	"	54384	41458	6540	
01-00	ON	ON-1	ON-1	"	"	54389	41462	6541	27679 - 27767
02-00	ON	ON-1	ON-1	ON	ON	54394	41466	6542	
03-00	ON	ON-2	ON-2	"	"	54399	41470	6543	= 88KL
04-00	ON	ON-2	ON-2	"	"	54404	41474	6544	
05-00	ON	ON-1	ON-1	off	off	54409	41478	6545	
06-00	ON	ON-1	ON-1	off	off	54414	41482	6547	

Total Inlet KLD : 176 KL Total Outlet KLD : 152 KL Total Energy Consumption KW / Day : 24 KW

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

LOG SHEET

Operation & Maintenance of STP/ETP Capacity : 400 KLD Location : Ambika

ECO GROUP

SHIFT I Date : 9/10/24 Operator Name : Brijesh Kumar Operator Signature : Br

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
06-00	ON	ON-1	ON-1	OFF	OFF	54414	41482	6547	Backwash
07-00	ON	ON-2	ON-2	ON	ON	54423	41490	6548	MGF + ACF
08-00	ON	ON-2	ON-2	"	"	54432	41498	6549	Time 7:00 to 7:40
09-00	ON	ON-1	ON-1	ON	"	54441	41506	6550	
10-00	ON	ON-1	ON-1	"	ON	54450	41514	6551	MLSS - 100ml
11-00	ON	ON-2	ON-2	"	"	54459	41522	6552	PH - 8.4
12-00	ON	ON-2	ON-2	"	"	54468	41530	6553	
13-00	ON	ON-1	ON-1	"	"	54477	41538	6554	
14-00	ON	ON-1	ON-1	ON	ON	54486	41546	6555	

SHIFT II Date : 9/10/24 Operator Name : Brijesh Kumar Operator Signature : B

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
14-00	ON	ON-1	ON-1	ON	ON	54406	41546	6555	
15-00	ON	ON-2	ON-2	"	"	54494	41553	6556	
16-00	ON	ON-2	ON-2	"	"	54502	41560	6557	
17-00	ON	ON-1	ON-1	"	"	54510	41567	6558	
18-00	ON	ON-1	ON-1	ON	ON	54518	41574	6559	
19-00	ON	ON-2	ON-2	"	"	54526	41581	6560	
20-00	ON	ON-2	ON-2	"	"	54534	41588	6561	
21-00	ON	ON-1	ON-1	"	"	54542	41595	6562	
22-00	ON	ON-1	ON-1	ON	ON	54550	41602	6563	

SHIFT III Date : 9/10/24 Operator Name : Pardeep Singh Operator Signature : P

Time Hr.	Sewage Lift Pump	Air Blower	Sludge Recycling Pump	Dosing Pump	Filter Feed Pump	Inlet Flow Meter Reading	Outlet Flow Meter Reading	Energy Meter Reading	Remarks
22-00	ON	ON-1	ON-1	ON	ON	54550	41602	6563	
23-00	ON	ON-2	ON-2	"	"	54555	41606	6564	Garden
00-00	ON	ON-2	ON-2	"	"	54560	41610	6565	
01-00	ON	ON-1	ON-1	"	"	54565	41614	6566	27767-27833
02-00	ON	ON-1	ON-1	ON	ON	54570	41618	6567	= 66KL
03-00	ON	ON-2	ON-2	"	"	54575	41622	6568	
04-00	ON	ON-2	ON-2	"	"	54580	41626	6569	
05-00	ON	ON-1	ON-1	"	"	54585	41630	6570	
06-00	ON	ON-1	ON-1	Off	Off	54590	41634	6571	

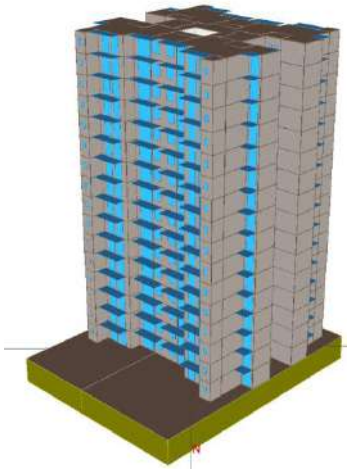
Total Inlet KLD : 176 KL Total Outlet KLD : 152 KL Total Energy Consumption KW / Day : 24 KW

Chemical Consumption Per Day : Sodium Hypo Chloride : Polyelectrolyte : Miscll. :

(Plant in-charge) (Customer Representative) (HOD)

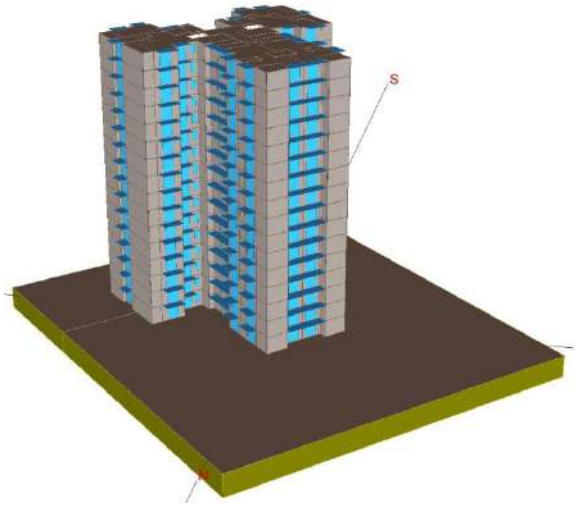
EE MR-2 and C-1: Energy Optimization Report –Ambika Homes La-Parisian

Tower-1, 4 and 6

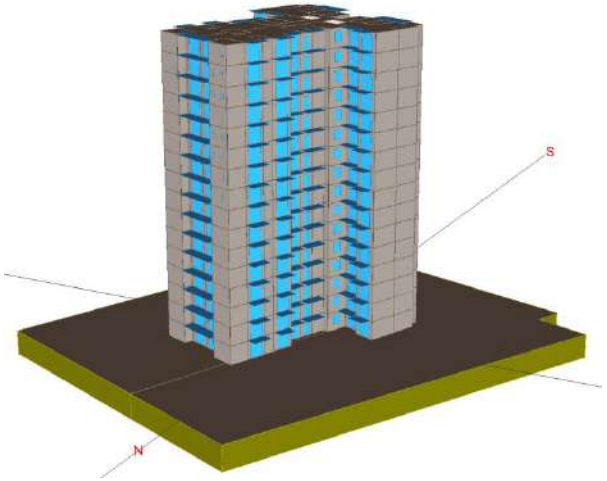


Tower-2 and 8

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".

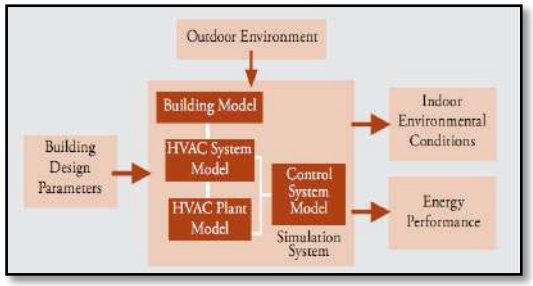


Fig.1. Energy Simulation Schematic

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	Energy	Peak	Energy	Peak	Energy
	Type	kWh	kW	kWh	kW	%
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.	4431.	62416.	0.	0.	28772.	0.	0.	0.	7183.	483642.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 483642. KWH 35.307 KWH /SQFT-YR GROSS-AREA 35.307 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary — WEATHER FILE- EPW 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	108612.	0.	245434.	10795.	49703.	0.	0.	14925.	0.	0.	0.	0.	429470.
Comm ELECTRICITY													
KWH	4637.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1997.	6634.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 436104. KWH 31.836 KWH /SQFT-YR GROSS-AREA 31.836 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF 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	Energy	Peak	Energy	Peak	Energy
	Type	kWh	kW	kWh	kW	%
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	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	133872.	0.	159558.	10079.	62772.	0.	0.	20289.	0.	0.	0.	4100.	390670.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 390670. KWH 28.058 KWH /SQFT-YR GROSS-AREA 28.058 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary WEATHER FILE- EPW Ambala,HR,IND

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	390670. KWH	46880.	0.1200	YES
				46880.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance — WEATHER FILE- EPW Ambala,HR,IND

	LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1 ELECTRICITY													
KWH	105772.	0.	159558.	22100.	47150.	0.	0.	19683.	0.	0.	0.	0.	354262.
Comm ELECTRICITY													
KWH	4152.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	911.	5063.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 359325. KWH 25.809 KWH /SQFT-YR GROSS-AREA 25.809 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary — WEATHER FILE- EPW Ambala,HR,IND

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1 Comm	359325. KWH	43119.	0.1200	YES
				43119.		

Tower T3 and T7

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

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

Energy Savings						
End Use	Proposed Building			Baseline Building		Percentage Savings
	Energy	Energy	Peak	Energy	Peak	Energy
	Type	kWh	kW	kWh	kW	%
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													
KWH	121506.	0.	148578.	11628.	61725.	0.	0.	21544.	0.	0.	0.	4100.	369080.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 369080. KWH 30.069 KWH /SQFT-YR GROSS-AREA 30.069 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF 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.	50382.	0.	0.	19850.	0.	0.	0.	0.	326911.
Comm ELECTRICITY													
KWH	7643.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	911.	8554.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 335465. KWH 27.330 KWH /SQFT-YR GROSS-AREA 27.330 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF 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	Energy	Peak	Energy	Peak	Energy
	Type	kWh	kW	kWh	kW	%
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	229315.	0.	318640.	3588.	55027.	0.	0.	17037.	0.	0.	0.	6868.	630474.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 630474. KWH 41.526 KWH /SQFT-YR GROSS-AREA 41.526 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0

BASELINE CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary — WEATHER FILE- EPW Ambala,HR,IND

UTILITY-RATE	RESOURCE	METERS	METERED ENERGY UNITS/YR	TOTAL CHARGE ($)	VIRTUAL RATE ($/UNIT)	RATE USED ALL YEAR?
Electricity Rate	ELECTRICITY	EM1	630474. KWH	75657.	0.1200	YES
				75657.		

PROPOSED CASE - BEPU REPORT

REPORT- BEPU Building Utility Performance — WEATHER FILE- EPW 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.	8913.	42963.	0.	0.	13375.	0.	0.	0.	0.	552962.
FM1 NATURAL-GAS													
THERM	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TOTAL ELECTRICITY 565379. KWH 37.238 KWH /SQFT-YR GROSS-AREA 37.238 KWH /SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE = 0.00
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED = 0.00
HOURS ANY ZONE ABOVE COOLING THROTTLING RANGE = 0
HOURS ANY ZONE BELOW HEATING THROTTLING RANGE = 0

PROPOSED CASE – ES-D REPORT

REPORT- ES-D Energy Cost Summary — WEATHER FILE- EPW 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	Energy	Peak	Energy	Peak	Energy
	Type	kWh	kW	kWh	kW	%
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:

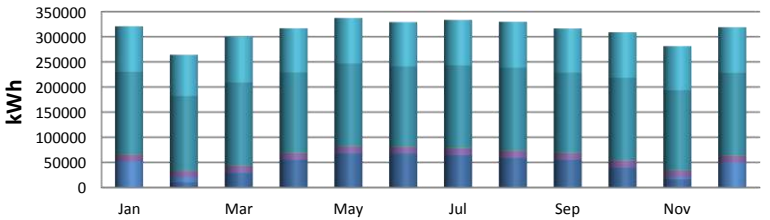
For the proposed design, as the energy cost savings % is more than 10, 4 points may be awarded to the project.

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.

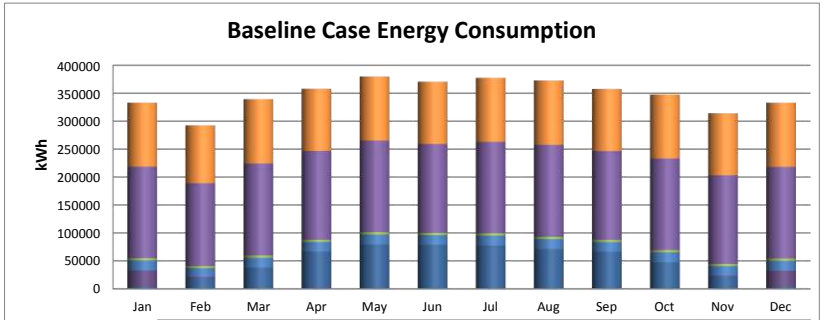
Based on the energy simulation results, it is observed that the



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Area Lights	90522	81949	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	1236

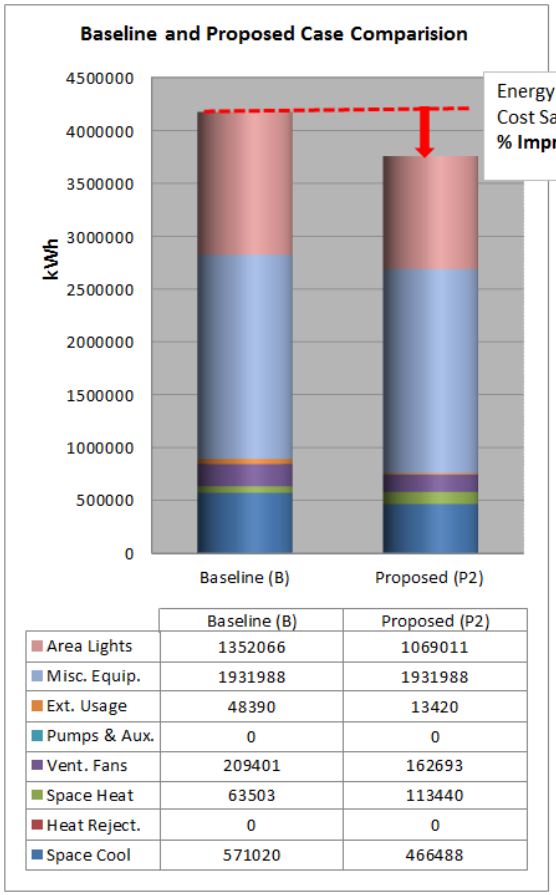
proposed building consumes 3,713,124 kWh/yr.

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	103653	115199	111286	114695	111460	114520	115237	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	16063	17785	17212	17786	17212	17786	17786	17212	17786	17211	17782
Space Heat	29551	2924	226	0	0	0	0	0	0	0	1570	29233
Heat Reject.	0	0	0	0	0	0	0	0	0	0	0	0
Space Cool	3429	18049	37571	66522	79359	78854	77350	71170	66367	47490	21742	3116

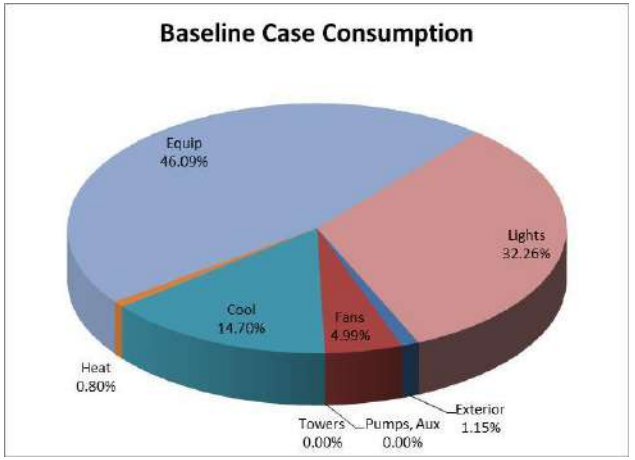
Energy Saving Comparison: The As Is case shows annual utility cost savings of 11.4 % over the Base case.

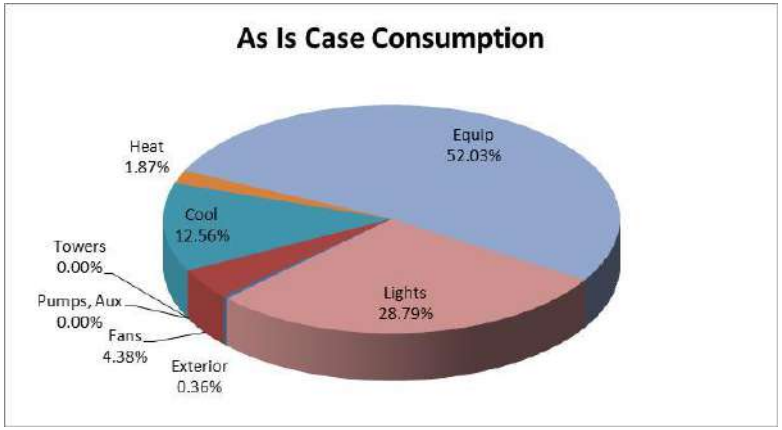


	Baseline (B)	Proposed (P2)
Area Lights	1352066	1069011
Misc. Equip.	1931988	1931988
Ext. Usage	48390	13420
Pumps & Aux.	0	0
Vent. Fans	209401	162693
Space Heat	63503	113440
Heat Reject.	0	0
Space Cool	571020	466488

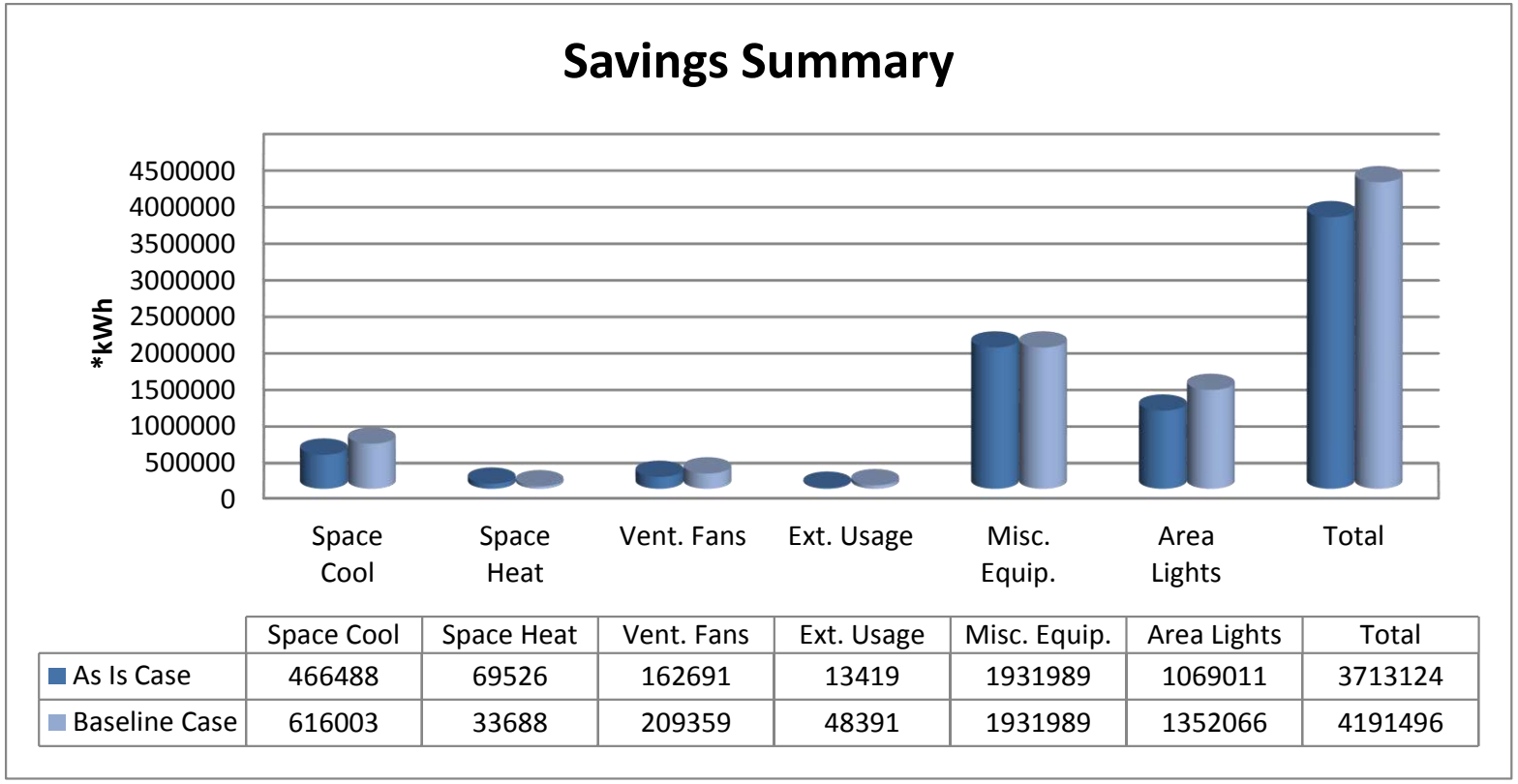
The primary energy end-uses for Base case are interior lighting (32.2%), followed by equipment (46%), cooling (14.7%), fan (4.9%), exterior (1.15%) and heat (0.8%) as illustrated by the following charts.

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.



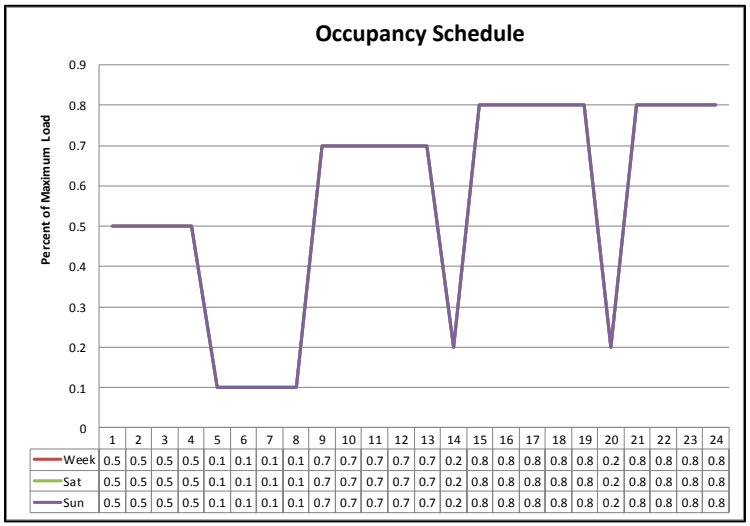


Saving Summary:

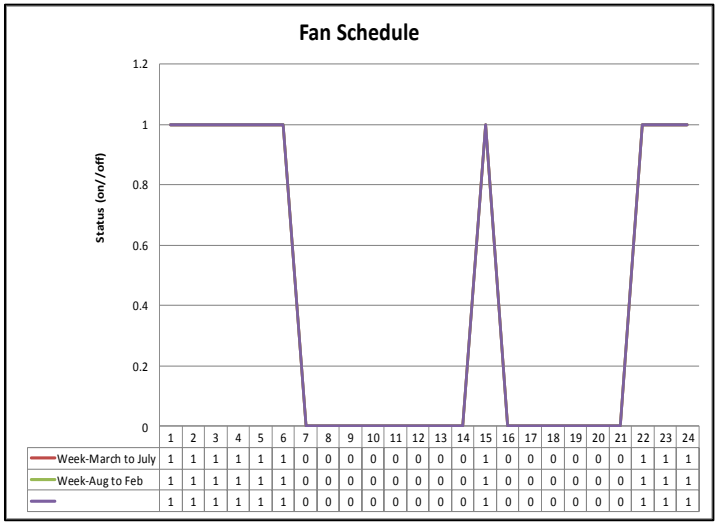


	Space Cool	Space Heat	Vent. Fans	Ext. Usage	Misc. Equip.	Area Lights	Total
As Is Case	466488	69526	162691	13419	1931989	1069011	3713124
Baseline Case	616003	33688	209359	48391	1931989	1352066	4191496

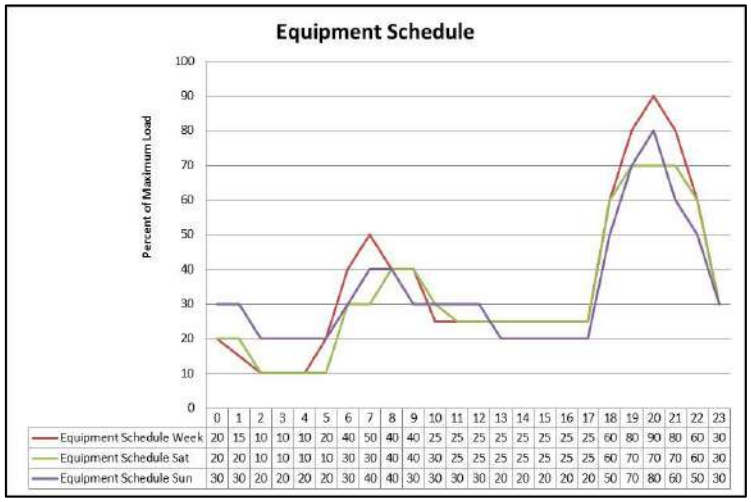
Schedules: (Residential building)



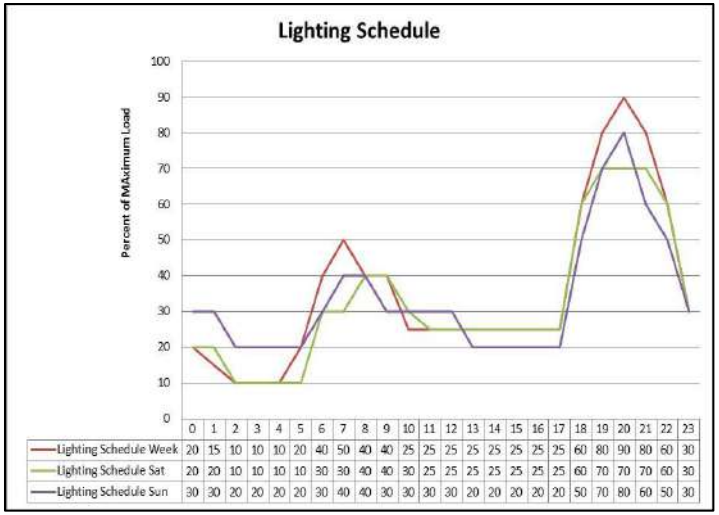
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Week	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.7	0.7	0.7	0.7	0.7	0.2	0.8	0.8	0.8	0.8	0.8	0.2	0.8	0.8	0.8	0.8
Sat	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.7	0.7	0.7	0.7	0.7	0.2	0.8	0.8	0.8	0.8	0.8	0.2	0.8	0.8	0.8	0.8
Sun	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.7	0.7	0.7	0.7	0.7	0.2	0.8	0.8	0.8	0.8	0.8	0.2	0.8	0.8	0.8	0.8



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Week-March to July	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	
Week-Aug to Feb	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	
	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	



	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Equipment Schedule Week	20	15	10	10	10	20	40	50	40	40	25	25	25	25	25	25	25	25	60	80	90	80	60	30
Equipment Schedule Sat	20	20	10	10	10	10	30	30	40	40	30	25	25	25	25	25	25	25	60	70	70	70	60	30
Equipment Schedule Sun	30	30	20	20	20	20	30	40	40	30	30	30	30	20	20	20	20	20	50	70	80	60	50	30



	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Lighting Schedule Week	20	15	10	10	10	20	40	50	40	40	25	25	25	25	25	25	25	25	60	80	90	80	60	30
Lighting Schedule Sat	20	20	10	10	10	10	30	30	40	40	30	25	25	25	25	25	25	25	60	70	70	70	60	30
Lighting Schedule Sun	30	30	20	20	20	20	30	40	40	30	30	30	30	20	20	20	20	20	50	70	80	60	50	30

END OF REPORT