



Date: 23.05.2024

To,
The CCF, Regional Office, Western Region,
Ministry of Environment, Forests & Climate
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur - 440001

Sub: Submission of Environmental Clearance Compliance Status Report for the period of **October 2023 – March 2024**.

Ref. Environmental Clearance granted by State Level Environmental Impact Assessment Authority (SEIAA), Maharashtra vide letter No.: SEIAA-EC-0000001440, Dated: 26th March 2019 & Amendment in EC for Proposed Expansion in Residential Development is granted vide letter identification No. EC22B039MH1 10256, Dated: 10th February 2022.

Respected Sir,

With reference to the above, we have been granted Environmental Clearance for our proposed project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane by M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles and Industries Limited).

In compliance to the conditions stipulated in Environmental Clearance we are submitting six monthly Environmental Clearance Compliance Status Report for the period of **October 2023 - March 2024** along with the desired information and copies of documents are as under:

1. Data sheet
2. EC Compliance report
3. Post Monitoring Report (October 2023 – March 2024)
4. Annexures to EC Compliance

We hope the above is to your satisfaction.

Thanking You,

Yours faithfully,

M/s. Birla Estates Pvt. Ltd.

Sachin
Ravindra
Sinnarkar
Digitally signed by
Sachin Ravindra
Sinnarkar
Date: 2024.05.24
18:08:12 +05'30'

Authorized Signatory

Encl: a/a

CC to:

1. **The Member Secretary, Maharashtra Pollution Control Board, 3rd Floor, Kalpataru Point, Sion, Mumbai– 400 022.**
2. **Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara.**

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

**MINISTRY OF ENVIRONMENT & FORESTS
REGIONAL OFFICE (W), NAGPUR
Monitoring Report
PART – I
DATA SHEET**

1.	Project type: River-valley/ Mining/ Industry/ Thermal/ Nuclear/ Other (Specify)	Residential and Commercial Development												
2.	Name of the Project	Proposed project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane by M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles and Industries Limited)												
3.	Clearance letter (s)/OM No. And Date	Environmental Clearance F. No. SEIAA-EC-0000001440 dated: 26 th March 2019 & Amendment in Environmental Clearance for proposed expansion vide No. EC22B039MH1 10256, Dated: 10 th February 2022.												
4.	Location: a) District (s) b) State (s) c) Location d) Latitude/Longitude	Mumbai Maharashtra Village Shahad, Tal. Kalyan -												
5.	Address for correspondence: a) Address of the Concerned Project Chief Engineer (With Pin Code and telephone/telex/fax numbers)	M/s. Birla Estates Pvt. Ltd. Birla Aurora, Level 8, Dr. Annie Besant Rd., Worli, Mumbai – 400030. T: +91 22 3025 4100												
6.	Salient features a) Of the project	Total Plot Area: 85,220.00 sq. m FSI area: 1,16,120.32 sq. m. Non FSI area: 1,04,362.71 sq. m Total BUA area: 2,20,483.03 sq. m. Building Configuration: <table border="1"> <thead> <tr> <th>Building</th> <th>Building Configuration</th> <th>Nos. of Flats</th> </tr> </thead> <tbody> <tr> <td>Residential Tower- A</td> <td>Stilt + 6 Podiums (Parking + Amenity) + 32 Residential Floors</td> <td>154</td> </tr> <tr> <td>Residential Tower- B</td> <td>Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors</td> <td>233</td> </tr> <tr> <td>Residential Tower- C</td> <td>Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1</td> <td>164</td> </tr> </tbody> </table>	Building	Building Configuration	Nos. of Flats	Residential Tower- A	Stilt + 6 Podiums (Parking + Amenity) + 32 Residential Floors	154	Residential Tower- B	Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors	233	Residential Tower- C	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1	164
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			Landscape Podium + 32 Residential Floors	
		Residential Tower- D	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 27 Residential Floors	140
		Residential Tower- E	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	164
		Residential Tower- F	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	196
		Residential Tower- G	Stilt + 6 Podiums + 32 Residential Floors	154
		Podium Area	Stilt + 5 Parking Floors + 1 Landscape Podium	--
		Club House	Stilt + 1	--
		KDMC- Non- Residential Building	Ground + 3 Floors and Ground + 0 Floors	--
		Total Population – 6930 Nos. Residential Building – 6025 Nos. Club House – 25 Nos. KDMC component – 800 Nos. visitors: 80 Nos.		
	b) Of the Environmental management plans	i. Implementation of Rainwater harvesting ii. Natural drainage pattern will be maintained. iii. Implementation of Sewage Treatment Plant. iv. Installation of OWC (Organic Waste Converter) v. Energy saving features (including solar energy)		
7.	Breakup of the project area a) Submergence area forest and non-forest b) Others	Not Applicable		
8.	Breakup of the project affected population with enumeration of those losing house/dwelling units only agricultural land only. Both dwelling units and agricultural land and landless laborers/artisans: SC, ST/Adivasi	Not Applicable		

9.	<p>Financial details:</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference:</p> <p>b) Allocation made for environmental management plans with item wise and year wise break-up.:</p> <p>c) Benefit cost ratio/Internal rate of return and the year of assessment:</p> <p>d) Whether (c) includes the cost of environmental management as shown in the above</p> <p>e) Actual expenditure incurred on the project so far</p> <p>f) Actual expenditure incurred on the environmental management plans so far</p>	<p>Rs. 570 Cr.</p> <p>During Construction Phase:</p> <table border="1" data-bbox="837 376 1444 723"> <thead> <tr> <th>Environment Protection Measures</th> <th>Capital Cost (in Lakh)</th> <th>O & M cost (Rs. in Lakh/year)</th> </tr> </thead> <tbody> <tr> <td>Waste Management</td> <td>4.00</td> <td>0.40</td> </tr> <tr> <td>Toilets for labours + drinking water + first aid arrangement</td> <td>7.00</td> <td>0.70</td> </tr> <tr> <td>Total</td> <td>11.00</td> <td>1.10</td> </tr> </tbody> </table> <p>During Operation Phase:</p> <table border="1" data-bbox="837 790 1444 1395"> <thead> <tr> <th>Environment Protection Measures</th> <th>Capital Cost (in Lakh)</th> <th>O & M cost (Rs. in Lakh/year)</th> </tr> </thead> <tbody> <tr> <td>Sewage treatment plant</td> <td>212.68</td> <td>14.90</td> </tr> <tr> <td>Solid waste Management</td> <td>52.48</td> <td>12.30</td> </tr> <tr> <td>Rainwater Harvesting</td> <td>220.50</td> <td>10.85</td> </tr> <tr> <td>Green Belt & Landscaping</td> <td>1584.00</td> <td>31.68</td> </tr> <tr> <td>Energy saving Measures</td> <td>328.81</td> <td>31.88</td> </tr> <tr> <td>Firefighting</td> <td>2323.20</td> <td>232.32</td> </tr> <tr> <td>Environmental Monitoring</td> <td>7.35</td> <td>1.10</td> </tr> <tr> <td>Total</td> <td>4729.02</td> <td>345.03</td> </tr> </tbody> </table> <p>--</p> <p>--</p> <p>Rs. 529 Cr.</p> <p>Rs. 1.07 Cr</p>	Environment Protection Measures	Capital Cost (in Lakh)	O & M cost (Rs. in Lakh/year)	Waste Management	4.00	0.40	Toilets for labours + drinking water + first aid arrangement	7.00	0.70	Total	11.00	1.10	Environment Protection Measures	Capital Cost (in Lakh)	O & M cost (Rs. in Lakh/year)	Sewage treatment plant	212.68	14.90	Solid waste Management	52.48	12.30	Rainwater Harvesting	220.50	10.85	Green Belt & Landscaping	1584.00	31.68	Energy saving Measures	328.81	31.88	Firefighting	2323.20	232.32	Environmental Monitoring	7.35	1.10	Total	4729.02	345.03
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10.	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non-forestry use</p> <p>b) The status of cleaning felling</p> <p>c) The status of compensatory afforestation, if any</p>	<p>Not Applicable</p> <p>Not Applicable</p> <p>Not Applicable</p>																																							

	d) Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	Not Applicable
12.	Status of construction a) Date of commencement (Actual and/or planned) b) Date of completion (Actual and/or planned)	1 June 2019 30 June 2024
13.	Reason for the delay of the project is / yet to start	Not Applicable
14.	Dates of site visits	
	(a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	--
	(b) Date of site visit for this monitoring report	October 2023 to March 2024
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits. (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.)	Environmental Clearance F. No. SEIAA-EC-0000001440 dated: 26 th March 2019 & amendment in Environmental Clearance for proposed expansion vide No. EC22B039MH1 10256, Dated: 10 th February 2022.

Satish



MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS**MINISTRY OF ENVIRONMENT & FORESTS
REGIONAL OFFICE (W), NAGPUR
Monitoring Report****PART - I
DATA SHEET**

Ref	Environmental Clearance F. No. SEIAA-EC-0000001440 dated: 26 th March 2019 & Amendment in Environmental Clearance for proposed expansion vide No. EC22B039MH1 10256, Dated: 10th February 2022. (Enclosed as Annexure - II).			
To	M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles and Industries Limited)			
For	Environment Clearance for proposed project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane			
Status	Currently gross BUA of 2,14,955.92 Sq.m out of total BUA of 2,20,483.03 Sq.m has been constructed at site till date.			
	Building No.	Building Configuration	Actual construction completed on site for Built Up Area (in Sq.m.)	Out of Total Built Up Area (in Sq.m.)
	Residential tower A	Stilt + 6 Podiums (Parking + Amenity) + 32 Residential Floors	20765.52	20765.52
	Residential tower B	Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors	21760.81	21760.81
	Residential tower C	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors	23353.98	23353.98
	Residential tower D	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 27 Residential Floors	20321.46	20321.46
	Residential tower E	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	23353.98	23353.98
	Residential tower F	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	17755.96	17755.96
	Residential tower G	Stilt + 6 Podiums + 32 Residential Floors	20786.04	20786.04
	Podium Area	Stilt + 5 Parking Floors + 1 Landscape Podium	62248.17	62248.17
	Clubhouse	Stilt + 1	2702	4137.11
	KDMC Non residential Building	Ground + 3 Floors and Ground + 0 Floors	1908	6000
	Total		2,14,955.92	2,20,483.03
	Current site photographs are enclosed as Annexure - III .			

Sr. No.	Conditions	Reply
Specific conditions:		
A. SEAC Conditions-		
I.	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and	Revised building permission obtained from planning authority of KDMC vide letter no. KDMC/TPD/BP/KD/2018-19/35/205 Dated

	provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	28/07/2021. Copy of the same is enclosed as Annexure - IV.
II.	PP to obtain following NOCs & remarks as per amended planning: a) Water b) Sewer c) Final CFO NOC.	a) Water NOC- Copy of Water NOC is enclosed as Annexure - V. b) Sewer NOC- Copy of Sewer NOC is enclosed as Annexure - VI. c) Final CFO NOC- Provisional CFO NOC is enclosed as Annexure - VII.
III.	PP to submit architect certificate of comparative statement mentioning components approved & components constructed as per earlier EC.	Architect certificate of comparative statement mentioning components approved & components constructed as per earlier EC is already submitted to Member secretary of SEAC II. Architect certificate is enclosed as Annexure - VIII.
IV.	PP to submit certified six-monthly compliance report of earlier EC from Regional office, MoEF & CC, Nagpur.	We are in the process for submission of certified six-monthly compliance report of earlier EC from Regional office, MoEF & CC, Nagpur. We will submit acknowledgement copy of request submitted for RO visit at our site once submission is done.
V.	PP to provide Low Flow Devices (LFD) & Sensors as water conservation measures in operation phase; PP to provide portable STP for workers in construction phase & accordingly revise construction and operation phase EMP. PP to include cost of DMP in EMP.	We will provide Low flow devices (LFD) and sensors as water conservation measures in operation phase. Portable STP for construction workers has already been provided. Environment Management plan is enclosed as Annexure - IX.
VI.	PP to provide noise barricades along the project site and include the cost of same in EMP.	We have provided 2 m tall barricades along the project site and costing of the same is considered in the EMP.
B. SEIAA Conditions-		
I.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	Yes, said condition is noted and will be complied with.
II.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Copy of Energy Conservation Measures Report is enclosed as Annexure - X.
III.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Yes, we noted the condition & we will comply regularly with condition specified in earlier Environmental Clearance No. 22-34/2018-IA.III dt. 04.01.2019.
IV.	SEIAA after deliberation decided to grant EC for: FSI: 1,16,120.32 m ² , Non FSI: 1,04,362.71 m ² & Total BUA: 2,20,483.03 m ² . (Plan Approval-KDMC/TPD/BP/KD/2018-19/35/205 Dated 28.07.2021).	Yes, we have received the EC for FSI area: 1,16,120.32 m ² , Non FSI Area: 1,04,362.71 m ² & Total BUA: 2,20,483.03 m ² . We affirm that the development will be carried out within BUA granted by Authority & as per plan approval vide No. KDMC/TPD/BP/KD/2018-



		19/35/205 Dated 28.07.2021.
General Conditions:		
A. Construction Phase-		
I.	The solid waste generated should be properly collected and segregated. Dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	The solid waste generated is properly collected, segregated and stored separately in two bin systems. Non-biodegradable Waste shall be managed through recyclers.
II.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only approved site with the approval of competent authority.	The quantity of sub-stratum removed during excavation for building foundation is disposed to backfill as per approval received from MCGM & SWM.
III.	Any hazardous waste generated during construction phase should be dispose of as per applicable rules & norms with necessary approval of the Maharashtra Pollution Control Board.	No hazardous waste is generated at site till date and if generated will be disposed off as per MPCB norms.
IV.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater solid waste generated during the construction phase should be ensured.	The prime source of water in construction phase is KDMC water which is safe and adequate drinking water. Also, other sanitary facilities in terms of toilets and solid waste management are available on site. The construction debris is being disposed of to the filling site as approved by KDMC and SWM permission has been taken. Photographs of facilities provided for construction labour are enclosed as Annexure – XI.
V.	Arrangement shall be made that wastewater and storm water do not get mixed.	Separate drainage lines will be provided to prevent mixing of wastewater and storm water.
VI.	Water demand during construction should be reduced by use of pre-mixed concrete curing agents and other best practice referred.	The measures such as, use of ready-mix concrete, curing compound, admixture is being used to reduce water demand during construction phase.
VII.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no ground water source at site.
VIII.	Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.	Not applicable as Municipal water will be used during construction phase.
IX.	Fixtures for showers, toilets, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Yes, low flow rate fixtures and low flush cisterns will be used during operation phase.
X.	The Energy Conservation Building code shall be strictly adhered to.	We will be strictly adhered to the Energy Conservation Building code.

Compliance Status Report

XI.	All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.	Fertile topsoil was not generated as there was existing structure at site.
XII.	Additional soil for leveling of the proposed site shall be generated within the sites (to the maximum extent possible) so that natural drainage system of the area is protected and improved.	Natural drainage pattern of site was maintained. Additional soil required to maintain site ground level was generated within site.
XIII.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Regular monitoring of soil is carried out at site. Please refer Post Monitoring Reports enclosed as Annexure – I. There is no ground water source at site.
XIV.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during, the validity of Environment Clearance.	Noted & agreed.
XV.	The diesel generator set to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	The diesel generator set used during construction phase are of low Sulphur diesel type. During construction phase, 4 nos. of DG sets are installed at site to cater to a running electrical load of 550 KVA. Capacity of all DG sets is 125 KVA each. Photographs of DG Sets are enclosed as Annexure – XII.
XVI.	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during, the validity of Environment Clearance.	Noted & agreed.
XVII.	Vehicles hired for bringing construction material to the site should be in good condition and should have pollution check certificate and should conform to applicable air and noise standards and should be operated only during non-peak hours.	The PUC checked/authorized vehicles are allowed on the site for transfer of material during construction phase. PUC register maintained at site. Photographs of valid PUC Certificates are enclosed as Annexure - XIII for your ready reference.
XVIII.	Ambient noise level should conform to residential standards both during day and night. Incremental pollution loads on the ambient air noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to confirm to the stipulated standards by CPCB/MPCB.	Following care is taken regarding noise levels with conformation to the residential area. 1. Construction activities are limited to daytime hours only. 2. The site is barricaded from all sides. Also, use of Personal Protective Equipment (PPE) like earmuffs and ear plugs are done during construction activities. The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concerned authority. Monitoring report is

		enclosed as Annexure - I.
XIX.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under Environment (Protection) Act 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	DG sets will be used as backup, care is taken that adequate acoustic is provided to prevent noise and should conform to rules made under the Environment (Protection) Act 1986, prescribed for air and noise emission standards.
XX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
General Conditions-		
B. Operation Phase-		
I.	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	The solid waste generated is properly collected and segregated in wet waste & dry waste in Garbage room. Biodegradable Waste is processed in OWC and manure so obtained is used for landscaping. Non-biodegradable Waste is managed through recyclers.
II.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	There is no generation of E-Waste till date on site. If any, will be disposed through authorized vendor.
III.	a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100% treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.	Sewage treatment plants are proposed for residential & KDMC non-residential buildings. 2 Nos. of STPs of capacities 485 CMD & 350 CMD for Residential buildings and 40 CMD for KDMC buildings with MBBR based technology. After the satisfactory completion of the work, the installation will get certified from independent expert agency and report in this regard will be submitted to the Ministry of Environment, Forest and Climate Change before the project is commissioned for operation.
IV.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made	Yes, all the facilities will be in place prior to occupation of the building.

	functional including water requirement.	
V.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Yes, all the facilities will be in place prior to application for OC.
VI.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized, and no public place should be utilized.	<ul style="list-style-type: none"> • Separate entry & exit is provided for Construction vehicles. • The transportation of the construction material will be carried out only during non-peak hour. • Parking Details: 4 wheelers: 1291 Nos. 2 wheelers: 1272 Nos.
VII.	PP to provide adequate electric charging points for electric vehicles (EVs).	Yes, we noted the condition & agreeable to the same. Electrical points for charging electric vehicles will be provided.
VIII.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the DFO/Agricultural Dept.	<ul style="list-style-type: none"> • The total green area proposed is 39,830 Sq. m. (For residential buildings: 31,858 Sq. m. + For KDMC Non-Residential buildings: 7,972 Sq. m.) Accordingly the same will be provided as per the approved plan. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area. <p>Photographs of green belt provided at site are enclosed as Annexure – XIV.</p>
IX.	A separate environmental management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.	Yes, a separate environmental management cell with qualified staff is in place.
X.	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB & this department.	<p>EMP cost has been worked out and allocated for all air pollution devices and other facilities.</p> <p>Environment Management plan is enclosed as Annexure - IX.</p>
XI.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://parivesh.nic.in	The advertisement is published in Marathi and English language local newspaper. Copy of same is enclosed as Annexure – XV.

XII.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department on 1 st June & 1 st December of each calendar year.	Yes, we will submit half yearly compliance report regularly.
XIII.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any from whom suggestions / representations if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Yes, said condition is complied.
XIV.	The proponent shall upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal of CPCB & SPCB. The critical pollutant level namely SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicate for the project shall be monitored and displayed in the public domain.	Yes, said condition is noted and will be complied with.
C. General EC Conditions-		
I.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	The said condition is complied.
II.	If applicable "Consent to Establish" shall be obtained from Maharashtra Pollution Control Board under Air & Water Act and a copy shall be submitted to the Environment department before start of any construction work at site.	<p>Consent to Establish is received from MPCB vide letter No. Format 1.0/ BO/ JD(WPC)/ UAN 0000066276/ CE/CC-1905000703 Dated: 14.05.2019.</p> <p>We have also received amendment in Consent to Establish from MPCB for proposed expansion vide letter No. Format 1.0/CC/UAN No. 0000127515/CE/2205000243 Dated: 05.05.2022.</p> <p>We have also received Consent to Operate (Part) from MPCB vide no Format1.0/CC/UAN No.0000187479/CO/2403003125 dated 28.03.2024 valid till 31.01.2025.</p> <p>Copies of Consents enclosed as Annexure - XVI.</p>
III.	Under provision of Environment (Protection) Act, 1986 legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Yes, environmental clearance has been obtained.
IV.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in	We are regularly submitting six monthly reports to MoEF & CC, Nagpur & MPCB, Sion.

	hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	
V.	The environmental statement for each financial year ending 31 st March in Form -V as is mandated to be submitted by project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	As it is residential project & is under construction, we will submit form V once operational.
VI.	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Condition is noted.
VII.	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily imply that Forestry & Wildlife clearance granted to the project which will be considered separately on merit.	Condition is noted.

Satish



List of Annexures

Sr. No.	Annexure No.	Particular
1.	Annexure - I	Monitoring Reports
2.	Annexure - II	Copies of Environmental Clearance
3.	Annexure - III	Site Photographs Showing Current Project Status
4.	Annexure - IV	Revised building permission obtained from planning authority of KDMC
5.	Annexure - V	Water NOC
6.	Annexure - VI	Sewer NOC
7.	Annexure - VII	Provisional CFO NOC
8.	Annexure - VIII	Architect certificate
9.	Annexure - IX	Environment Management plan
10.	Annexure - X	Energy Conservation Measures
11.	Annexure - XI	Photographs of facilities provided for construction labour
12.	Annexure - XII	Photographs of DG Sets
13.	Annexure - XIII	PUC Certificates
14.	Annexure - XIV	Photographs of green belt
15.	Annexure - XV	Copies of Newspaper advertisement
16.	Annexure - XVI	Copy of Consents



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7115

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-23/11/01

Issue Date: 09/11/2023

Name of Customer & Contact Details	: Birla Estates Private Ltd. Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, ☎ 9742555602 ✉ pankaj.dandwate@adityabirla.com				
Name of Site	: Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad				
Discipline & Group	: Chemical: Atmospheric Pollution				
Description of Sample	: Ambient Air				
Location of Sampling	: Near Main Gate				
Date of Sampling	: 02/11/2023				
Sampling Time	: 09:30 to 17:30 hr.	Duration	: 08 Hr.		
Sample Drawn By	: AESPL	Transported By	: AESPL		
Date of Sample Receipt	: 02/11/2023	Sample Identification	: A-23/11/01		
Sample Quantity & Container	: SO ₂ :1 Bottle; NO _x :1 Bottle; PM ₁₀ -1; Bladder:1.				
Date of Sample Analysis	: 03/11/2023 to 07/11/2023				
Sampling Environmental Conditions	: Temperature:27-30°C; Rain fall: No; P _{bar} : 750 mmHg.				
Transportation Condition	: Bottles < 5°C	Filter papers in plastic container	: Bladders, charcoal tubes at ambient temp.		
Sampling Equipment	: RDS-I-11				
Calibration Status	: Calibration on 25/05/2023 due on 25/05/2024				
Project/ Job number	: 4700001065/19-20/1 dtd 18Apr19				
Reference of Sampling	: AESPL/LAB/QR/7.3.3/R-02				
Method of Sampling & Preservation	: AESPL/LAB/SOP/7.3.1/A-01				
Environmental Condition while Testing	: Temperature: 27°C; RH-35%				
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO ₂	29.83	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	42.08	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	86.19	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.88	04 **	mg/m ³	IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. Decision Rule is applied.



Anjan Pramanik
(Authorized Signatory)

-End of Test Report-



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Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-23/11/08

Issue Date: 07/11/2023

Name of Customer & Contact Details	:	Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com		
Name of Site	:	Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad		
Nature of Sample	:	Drinking water	Location of Sample	: Project Office
Date of Sample Drawn	:	01/11/2023	Time of Sample Drawn	: 02:30 pm
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	02/11/2023	Sample Identification	: Mw- 23/11/08
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	03/11/2023 to 04/11/2023		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	4700001065/19-20/1 dtd 18Apr19		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 21.8°C and Humidity: 52 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 : 2016
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 : 2016

Conformity Statement: Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

Note:

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2. Results relate only to the items tested.



Pranali N. Patil
(Authorized Signatory)

-End of Test Report-



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/11/01

Issue Date: 04/11/2023

Name of Customer & Contact Details	: Birla Estates Private Ltd. Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com		
Name of Site	: Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad		
Discipline & Group	: Chemical: Atmospheric Pollution		
Description of Sample	: Ambient Noise		
Location Details	: At the Periphery of Site		
Date of Sampling	: 01/11/2023	Period of Sampling	: Spot
Start & End Time of Sampling (Daytime)	: 09.30Hr - 10.00Hr	Start & End Time of Sampling (Nighttime)	: 11.00Hr-11.30Hr
Monitored By	: AESPL	Transported By	: AESPL
Date of Data Receipt	: 02/11/2023	Sample Identification	: N-23/11/01
Environmental Condition	: Climate: Clear	Ambient Temp: 32°C	
Transportation Condition	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
Sampling Equipment	: Noise meter - Centre C-390 SL-I-09		
Calibration Status	: Calibrated on 21/02/2023; calibration due on 20/02/2024		
Project/ Job Number	: 4700001065/19-20/1 dtd 18Apr19		
Reference of Sampling	: AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling	: IS 9989 RA:2020		
Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime dB(A)
1.	Main gate	68.6	62.9
2.	Tower Electrical	66.2	61.8
3.	Podium Center	65.7	60.2
4.	Sales Gallery	63.0	60.1
Limit as per EP Act for Industrial area		75	70

Conformity Statement: Noise Levels at all the locations are found to be below the stipulated limits.

Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.



Anjan Pramanik.
(Authorized Signatory)

-End of Test Report-



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/11/02

Issue Date: 04/11/2023.

Name of Customer & Contact Details	: Birla Estates Private Ltd. Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com						
Name of Site	: Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad						
Discipline & Group	: Chemical: Atmospheric Pollution						
Description of Sample	: DG Noise						
Location Details	: DG-500KVA						
Date of Sampling	: 01/11/2023	Period of Sampling	: DG Spot				
Start Time of Sampling	: 10.00Hr	End Time of Sampling	: 10.30Hr				
Monitored By	: AESPL	Transported By	: AESPL				
Date of Data Receipt	: 02/11/2023	Sample Identification	: N-23/11/02				
Environmental Condition	: Climate: Clear			: Ambient Temp: 31 ^o C			
Transportation Condition	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
Sampling Equipment	: Noise meter - Centre C-390 SL-I-09						
Calibration Status	: Calibrated on 21/02/2023; calibration due on 20/02/2024						
Project/ Job Number	: 4700001065/19-20/1 dtd 18Apr19						
Reference of Sampling	: AESPL/LAB/QR/7.3.3/R-02						
Method of Sampling	: IS 4758 RA:2017						
Sr No.	Location	Sound Pressure Level dB(A)				Avg.	Difference
		Readings from 0.5 m away from DG					
1.	DG -1-500KVA	East	West	South	North		
	Door closed	73.8	73.5	74.1	74.2	73.9	25.5
	Door opened	99.8	99.9	98.5	99.5	99.4	

Limits:

- Insertion loss of 25dBA as per consent

Conformity Statement: The monitoring undertaken indicates that DG Noise Quality value for insertion loss is within consent limit.

Note:

- The test report shall not be reproduced except in full, without written approval of laboratory.
- Results relate only to the items tested.
- DG set Sound Pressure Level measured at 0.5m from the enclosure.
- Any query related to this report will be entertained within 15 days of the report issue date only.
- Decision Rule is applied.



Anjan Pramanik.
(Authorized Signatory)

-End of Test Report-



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Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222 E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

Test Report (Soil)

Ref. No.: AESPL/LAB/C/S-23/11/01

Issue Date: 09/11/2023

Name of Customer & Contact Details		Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com	
Name of Site		Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad	
Nature of Sample	: Uncultivated Soil	Location of Sample	: Near Main Gate
Date of Sample Drawn	: 01/11/2023	Time of Sample Drawn	: 10:10 am
Sample Drawn By	: AESPL	Transported By	: AESPL
Date of Sample Receipt	: 02/11/2023	Sample Identification	: S-23/11/01
Sample Quantity & Container		1kg; PG bag & Aluminum container	
Date of Sample Analysis		02/11/2023 to 08/11/2023	
Environmental Conditions at site		: Area: Clean, Colour: Brown	
Transportation Condition		: Kept soil in polythene bag in a dry place	
Project/ Job number		: 4700001065/19-20/1 dtd 18Apr19	
Reference of Sampling		: AESPL/LAB/QR/7.3.3/R-02	
Method of Sampling & Preservation		: AESPL/LAB/SOP/7.3.1/S-01	
Environmental Condition while Testing		: Ambient Temperature: 30.4°C and Humidity: 51%	
Sr.No.	Parameter	Result	Method of analysis
1.	pH@25°C	6.78	IS 2720 (part 26); RA2021
2.	Conductivity@25°C, µS/cm	480.2	IS-14767; RA 20216
3.	Water content, %	6.2	IS 2720 (part 2); RA2020
4.	Organic Carbon, %	0.34	IS 2720 (part 22); RA2020
5.	Available Nitrogen, %	0.0118	AESPL/LAB/SOP/7.2.1.2/S-05; 01.07.22
6.	Available Phosphorus, kg/hector	42	AESPL/LAB/SOP/7.2.1.2/S-07; 01.07.22
7.	Potassium as K, kg/hector	80	AESPL/LAB/SOP/7.2.1.2/S-06; 01.07.22
8.	Available Sulphur, mg/kg	24	AESPL/LAB/SOP/7.2.1.2/S-10; 01.07.22
9.	Calcium; Ca, meq/l	32	AESPL/LAB/SOP/7.2.1.2/S-11; 01.07.22
10.	Magnesium; Mg, meq/l	10	AESPL/LAB/SOP/7.2.1.2/S-12; 01.07.22
11.	Sodium; Na, kg/hector	80	IS-19497; RA 2015
12.	Zinc as Zn, mg/kg	< 0.2	EPA Method 3050B.2:1996
13.	Nickel as Ni, mg/kg	< 0.2	EPA Method 3050B.2:1996
14.	Chromium; Cr, mg/kg	< 0.2	EPA Method 3050B.2:1996
15.	Iron as Fe, mg/kg	0.24	EPA Method 3050B.2:1996
16.	Texture, %	Clay	72
		Silt	12
		Fine sand	16
		AESPL/LAB/SOP/7.2.1.2/S-17; 01.07.22	

Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Sushma A. Gujar
(Authorized Signatory)

-End of Test Report-



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ ST- 23/11/01

Issue Date: 09/11/2023

Name of Customer & Contact Details	:	Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, ✉ pankaj.dandwate@adityabirla.com		
Name of Site	:	Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad		
Discipline & Group	:	Chemical: Atmospheric Pollution		
Description of sample	:	Stack Emission		
Sample Identification number	:	ST- 23/10/01		
Sample Quantity	:	SO ₂ :1Bottle; NOx:1 Bottle; Bladder-1; Thimble-1.		
Date & Time of sampling	:	01/11/2023, 10:00-10:22 hr.		
Sampling Environmental Conditions	:	Temp.:33°C; Rain fall: No; P _{bar} :755 mmHg.		
Transportation Condition	:	Bottles < 5°C	Thimbles in plastic container	Bladders at ambient temp.
Sample Monitored & Transported by	:	AESPL		
Date of sample receipt	:	02/11/2023		
Date of sample analysis	:	03/11/2023 to 07/11/2023		
Sampling Equipment Used	:	ST-I-01		
Calibration status	:	25/05/2022 to 25/05/2023		
Project/ Job number	:	4700001065/19-20/1 dtd 18Apr19		
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/ST-01		
Environmental Condition while Testing	:	Ambient Temperature: 29°C & RH: 35%		
A. General Information About Stack:				
Stack Connected to	:	DG, 500 KVA		
Emission due to	:	Combustion of Diesel		
Material of construction of stack	:	MS		
Shape of stack	:	Circular		
Whether stack is provided with permanent platform	:	Yes		
B. Physical Characteristics of Stack:				
Height of stack from ground level (m)	:	6		
Height of sampling point from ground level (m)	:	--		
Diameter of Stack at sampling point (m)	:	0.20		
Area of stack (m ²)	:	0.031		
C. Analysis/ Characteristic of Stack:				
Fuel used	:	Diesel		
Fuel consumption (Liter/hr.)	:	40		
Details of pollution control devices attached with the stack:	:	--		



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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, **CIN:** U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

Test Report (Stack Emission)

Ref. No.: AESPL/LAB/C/ST- 23/11/01

Issue Date: 09/11/2023

D. Result of Sampling & Analysis of Gaseous Emission:

SL. No.	Parameter	Result	MPCB. Limits	Unit	Method of analysis
1.	Gas Temperature	136	--	°C	IS-11255, (part- 1,3) 2018-19
2.	Gas velocity	7.66	--	m/s	IS-11255, (part- 1,3) 2018-19
3.	Gas flow rate	605	--	Nm ³ /hr.	IS-11255, (part- 1,3) 2018-19
4.	Particulate Matter	55.30	150	mg/Nm ³	IS-11255, (part- 1,3) 2018-19
5.	Sulphur Dioxide as SO ₂	34.75	--	mg/Nm ³	IS-11255, (part-2) 2019
6.	Sulphur Dioxide as SO ₂	0.50	--	Kg/day	IS-11255, (part-2) 2019
7.	Nitrogen Oxide (as NO ₂)	61.84	--	mg/Nm ³	IS-11255, (part-7) 2017

Conformity Statement: The monitoring undertaken indicates that Stack Air Quality Values for Monitoring parameter is within the levels stipulated as per MPCB Consent.

Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. Decision Rule is applied.



Anjna Pramanik
(Authorized Signatory)

-End of Test Report-



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Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

Test Report (Water)

Ref. No.: AESPL/LAB/C/W-23/11/10

Issue Date: 06/11/2023

Name of Customer & Contact Details		: Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com			
Name of Site		: Shahad Kalyan			
Nature of Sample		: Drinking water		Location of Sample : Office	
Date of Sample Drawn		: 01/11/2023		Time of Sample Drawn : 2.30 pm	
Sample Drawn By		: AESPL		Transported By : AESPL	
Date of Sample Receipt		: 02/11/2023		Sample Identification : W- 23/11/10	
Sample Quantity & Container		: F-1 lit; Plastic can.			
Date of Sample Analysis		: 02/11/2023 to 04/11/2023			
Environmental Conditions at site		: Water Temperature: 27°C, Air Temperature: 30°C, Water Cooler and surrounding was clean.			
Transportation Condition		: Water Temperature: < 6°C, Cold storage.			
Project/ Job number		: 4700001065/19-20/1 dtd 18Apr19			
Reference of Sampling		: AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation		: AESPL/LAB/SOP/7.3.1/W-01			
Environmental Condition while Testing		: Ambient Temperature: 30.2°C and Humidity: 57%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.17	6.5 - 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO ₃ , mg/l	54	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron as Fe, mg/l	0.031	1.0 Max	No relaxation	IS-3025(P-11) RA2019
7.	Chloride as Cl ⁻ , mg/l	7.0	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F ⁻ , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

Conformity Statement: Water sample is pass as per IS 10500:RA2018 w.r.t. above mentioned tests.

Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.



Reshma S. Patil
(Authorized Signatory)

-End of Test Report-



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Water)

Ref. No.: AESPL/LAB/C/W-23/11/10

Issue Date: 06/11/2023

Name of Customer & Contact Details		: Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com			
Name of Site		: Shahad Kalyan			
Nature of Sample		: Drinking water		Location of Sample : Office	
Date of Sample Drawn		: 01/11/2023		Time of Sample Drawn : 2.30 pm	
Sample Drawn By		: AESPL		Transported By : AESPL	
Date of Sample Receipt		: 02/11/2023		Sample Identification : W- 23/11/10	
Sample Quantity & Container		: F-1 lit; Plastic can.			
Date of Sample Analysis		: 02/11/2023 to 04/11/2023			
Environmental Conditions at site		: Water Temperature: 27°C, Air Temperature: 30°C, Water Cooler and surrounding was clean.			
Transportation Condition		: Water Temperature: < 6°C, Cold storage.			
Project/ Job number		: 4700001065/19-20/1 dtd 18Apr19			
Reference of Sampling		: AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation		: AESPL/LAB/SOP/7.3.1/W-01			
Environmental Condition while Testing		: Ambient Temperature: 30.2°C and Humidity: 57%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) RA2017

Conformity Statement: Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.

Note:

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2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.



Reshma S. Patil
(Authorized Signatory)

-End of Test Report-



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A-24/02/44

Issue Date: 17/02/2024

Name of Customer & Contact Details		: Birla Estates Private Ltd. Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, ☎ 9742555602 ✉ pankaj.dandwate@adityabirla.com			
Name of Site		: Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad			
Discipline & Group		: Chemical: Atmospheric Pollution			
Description of Sample		: Ambient Air			
Location of Sampling		: Near Main Gate			
Date of Sampling		: 09/02/2024			
Sampling Time		: 09:30 to 17:30 hr.		Duration : 08 Hr.	
Sample Drawn By		: AESPL		Transported By : AESPL	
Date of Sample Receipt		: 10/02/2024		Sample Identification : A-24/02/44	
Sample Quantity & Container		: SO ₂ :1 Bottle; NO _x :1 Bottle; PM ₁₀ -1; Bladder:1.			
Date of Sample Analysis		: 12/02/2024 to 16/02/2024			
Sampling Environmental Conditions		: Temperature:27-30°C; Rain fall: No; P _{bar} : 750 mmHg.			
Transportation Condition		: Bottles < 5°C		: Filter papers in plastic container Bladders, charcoal tubes at ambient temp.	
Sampling Equipment		: RDS-I-02			
Calibration Status		: Calibration on 29/12/2023 due on 29/12/2024			
Project/ Job number		: 4700001065/19-20/1 dtd 18Apr19			
Reference of Sampling		: AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation		: AESPL/LAB/SOP/7.3.1/A-01			
Environmental Condition while Testing		: Temperature: 27°C; RH-35%			
Sr. No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	Sulphur dioxide as SO ₂	25.34	80 *	µg/m ³	IS 5182 (Part 2) RA2017
2.	Nitrogen dioxide as NO ₂	47.60	80 *	µg/m ³	IS 5182 (Part 6) RA2022
3.	PM ₁₀	92.22	100 *	µg/m ³	IS 5182 (Part 23) RA2022
4.	Carbon monoxide as CO	0.90	04 **	mg/m ³	IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009.

Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only.



Reshma S. Patil
(Authorized Signatory)

-End of Test Report-



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091, UDYAM-MH-19-00-29787



TC-7085

Test Report (Microbiology - Water)

Ref. No.: AESPL/LAB/B/Mw-24/02/132

Issue Date: 15/02/2024

Name of Customer & Contact Details	:	Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com		
Name of Site	:	Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad		
Nature of Sample	:	Drinking water	Location of Sample	: Project Office
Date of Sample Drawn	:	09/02/2024	Time of Sample Drawn	: 01:00 pm
Sample Drawn By	:	AESPL	Transported By	: AESPL
Date of Sample Receipt	:	10/02/2024	Sample Identification	: Mw- 24/02/132
Sample Quantity & Container	:	250 ml; Glass bottle.		
Date of Sample Analysis	:	10/02/2024 to 12/02/2024		
Environmental Conditions at site	:	Surrounding area is clean.		
Transportation Condition	:	Water Temperature: < 6°C, Cold storage.		
Project/ Job number	:	4700001065/19-20/1 dtd 18Apr19		
Reference of Sampling	:	AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling & Preservation	:	AESPL/LAB/SOP/7.3.1/M-01		
Environmental Condition while Testing	:	Ambient Temperature: 22.8°C and Humidity: 49 %		
Sr. No.	Parameter, Unit	Result	Limits as per: IS 10500 RA 2018	Method of Analysis
1.	Coliform/100ml	Absent /100ml	Absent /100ml	IS:15185 RA 2021
2.	E-coli/100ml	Absent /100ml	Absent/100ml	IS:15185 RA 2021

Conformity Statement: Water sample is **Pass** as per IS 10500: RA2018 w. r. t. above mentioned tests.

Note:

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2. Results relate only to the items tested.



Pranali N. Patil
(Authorized Signatory)

-End of Test Report-



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024.

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-23/02/54

Issue Date: 14/02/2024

Name of Customer & Contact Details	: Birla Estates Private Ltd. Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com		
Name of Site	: Phase1, Plot CS No-1653,1550 B&D, Sr.No.17,18&218, Shahad		
Discipline & Group	: Chemical: Atmospheric Pollution		
Description of Sample	: Ambient Noise		
Location Details	: At the Periphery of Site		
Date of Sampling	: 09/02/2024	Period of Sampling	: Spot
Start & End Time of Sampling (Daytime)	: 11.30Hr - 12.00Hr	Start & End Time of Sampling (Nighttime)	: 22.00Hr-22.30Hr
Monitored By	: AESPL	Transported By	: AESPL
Date of Data Receipt	: 10/02/2024	Sample Identification	: N-24/02/54
Environmental Condition	: Climate: Clear	Ambient Temp: 32°C	
Transportation Condition	: Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.		
Sampling Equipment	: Noise meter - Centre C-390 SL-I-02		
Calibration Status	: Calibrated on 28/11/2023; calibration due on 27/11/2024		
Project/ Job Number	: 4700001065/19-20/1 dtd 18Apr19		
Reference of Sampling	: AESPL/LAB/QR/7.3.3/R-02		
Method of Sampling	: IS 9989 RA:2020		
Sr. No.	Location	Noise Day Time dB(A)	Noise Nighttime dB(A)
1.	Main gate	61.0	59.6
2.	Tower Electrical	59.2	57.0
3.	Podium Center	60.0	56.8
4.	Sales Gallery	58.9	56.3
Limit as per EP Act for Industrial area		75	70

Conformity Statement: Noise Levels at all the locations are found to be below the stipulated limits.

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Reshma S. Patil.
(Authorized Signatory)

-End of Test Report-

**ADITYA ENVIRONMENTAL SERVICES PVT. LTD.**

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



TC-7085

**Test Report
(Water)**

Ref. No.: AESPL/LAB/C/W-24/02/122

Issue Date: 14/02/2023

Name of Customer & Contact Details	: Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com				
Name of Site	: Shahad Kalyan				
Nature of Sample	: Drinking water	Location of Sample	: Project Office		
Date of Sample Drawn	: 09/02/2024	Time of Sample Drawn	: 1.00 pm		
Sample Drawn By	: AESPL	Transported By	: AESPL		
Date of Sample Receipt	: 10/02/2024	Sample Identification	: W- 24/02/122		
Sample Quantity & Container	: F-1 lit; Plastic can.				
Date of Sample Analysis	: 10/02/2024 to 12/02/2024				
Environmental Conditions at site	: Water Temperature: 26°C, Air Temperature: 31°C, Water Cooler and surrounding was clean.				
Transportation Condition	: Water Temperature: < 6°C, Cold storage.				
Project/ Job number	: 4700001065/19-20/1 dtd 18Apr19				
Reference of Sampling	: AESPL/LAB/QR/7.3.3/R-02				
Method of Sampling & Preservation	: AESPL/LAB/SOP/7.3.1/W-01				
Environmental Condition while Testing	: Ambient Temperature: 28.5°C and Humidity: 54%				
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
1.	Colour, Hazen	<5.0	5 Max	15 Max	IS-3025(P- 4) RA2021
2.	Turbidity, NTU	< 2.0	1 Max	5 Max	IS-3025(P-10) 2023
3.	pH@25°C	7.29	6.5 - 8.5	No relaxation	IS-3025(P-11) 2022
4.	Residual Chlorine, mg/l	< 0.56	0.2 Min	1.0 Min	IS-3025(P-26) RA2019
5.	Hardness as CaCO ₃ , mg/l	28	200 Max	600 Max	IS-3025(P-21) 2023
6.	Iron as Fe, mg/l	0.030	1.0 Max	No relaxation	IS-3025(P-11) 2023
7.	Chloride as Cl ⁻ , mg/l	4.0	250 Max	1000 Max	IS-3025(P-53) RA2019
8.	Fluoride as F ⁻ , mg/l	0.30	1.0 Max	1.5 Max	IS-3025(P-60) 2023
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) 2022

Conformity Statement: Water sample is pass as per IS 10500:RA2018 w.r.t. above mentioned tests.**Note:**

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4. The results apply to the sample as received.

**Reshma S. Patil
(Authorized Signatory)**

-End of Test Report-



ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2024

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Water)

Ref. No.: AESPL/LAB/C/W-24/02/122

Issue Date: 14/02/2023

Name of Customer & Contact Details		: Birla Estates Private Ltd Kalyan Murbad Road, Thane 421103 Mr. Pankaj Dandwate, E-Mail: - pankaj.dandwate@adityabirla.com			
Name of Site		: Shahad Kalyan			
Nature of Sample		: Drinking water		Location of Sample : Project Office	
Date of Sample Drawn		: 09/02/2024		Time of Sample Drawn : 1.00 pm	
Sample Drawn By		: AESPL		Transported By : AESPL	
Date of Sample Receipt		: 10/02/2024		Sample Identification : W- 24/02/122	
Sample Quantity & Container		: F-1 lit; Plastic can.			
Date of Sample Analysis		: 10/02/2024 to 12/02/2024			
Environmental Conditions at site		: Water Temperature: 26°C, Air Temperature: 31°C, Water Cooler and surrounding was clean.			
Transportation Condition		: Water Temperature: < 6°C, Cold storage.			
Project/ Job number		: 4700001065/19-20/1 dtd 18Apr19			
Reference of Sampling		: AESPL/LAB/QR/7.3.3/R-02			
Method of Sampling & Preservation		: AESPL/LAB/SOP/7.3.1/W-01			
Environmental Condition while Testing		: Ambient Temperature: 28.5°C and Humidity: 54%			
Sr. No.	Parameter	Result	Limits (IS 10500:RA2018)		Method of Analysis
			Acceptable	Permissible	
10.	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P- 8) 2023

Conformity Statement: Water sample is **pass** as per IS 10500:RA2018 w.r.t. above mentioned tests.

Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.



Reshma S. Patil
(Authorized Signatory)

-End of Test Report-



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

To,

The SENIOR MANAGER
BIRLA ESTATES PRIVATE LIMITED
BIRLA AURORA, LEVEL 8, DR. ANNIE BESANT ROAD WORLI, MUMBAI
- 400 030 -400030

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/228208/2021 dated 07 Sep 2021. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC22B039MH110256 |
| 2. File No. | SIA/MH/MIS/228208/2021 |
| 3. Project Type | Expansion |
| 4. Category | B2 |
| 5. Project/Activity including Schedule No. | 8(b) Townships and Area Development projects. |
| 6. Name of Project | Amendment in EC for Proposed Expansion in Residential Development with Convenience Facilities to Residents and KDMC Component |
| 7. Name of Company/Organization | BIRLA ESTATES PRIVATE LIMITED |
| 8. Location of Project | Maharashtra |
| 9. TOR Date | N/A |

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

Date: 10/02/2022

(e-signed)
Manisha Patankar Mhaiskar
Member Secretary
SEIAA - (Maharashtra)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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PARIVESH

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/228208/2021
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Birla Estates Pvt. Ltd.
(A Division of Century Textiles and Industries Limited.)
CS No. 1653, 1550 B & D, S. No. 17, 18 and 218,
Village Shahad, Taluka Kalyan, District Thane.

Subject : Environment Clearance for Proposed Expansion in Residential Development with Convenience Facilities to Residents and KDMC Component project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane by M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles and Industries Limited.)

Reference : Application no. SIA/MH/MIS/228208/2021

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-2 in its 161st meeting under screening category 8 (b) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 236th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Sr. No.	Description	Details
1.	Plot area (sq.m)	85,220.00 sq.m
2.	FSI area (sq.m)	1,16,120.32 sq.m
3.	Non FSI area (sq.m)	1,04,362.71 sq.m
4.	Proposed built up area (FSI +Non FSI) (sq.m)	2,20,483.03 sq.m

5.	Building Configuration	Building	Building Configuration
		Residential Tower-A	Stilt + 6 Podiums (Parking + Amenity) + 32 Residential Floors
		Residential Tower-B	Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors
		Residential Tower-C	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors
		Residential Tower-D	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 27 Residential Floors
		Residential Tower-E	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors
		Residential Tower-F	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors
		Residential Tower-G	Stilt + 6 Podiums + 32 Residential Floors
		Podium area	Stilt + 5 Parking Floors + 1 Landscape Podium
		Clubhouse	Stilt + 1
6.	No. of tenements and shops	Building	No. of flats
		Residential Tower-A	154
		Residential Tower-B	233
		Residential Tower-C	164
		Residential Tower-D	140
		Residential Tower-E	164
		Residential Tower-F	196
		Residential Tower-G	154
		Total	1205

7.	Total population	Total: 6930 Residential building: 6025 Club house: 25 KDMC component: 800 Visitors: 80		
8.	Total water requirement CMD	Source: Supply from MIDC+ Recycled water from STP + Tanker		
		Water Requirement	Dry Season	Wet Season
		Fresh Water	586.5 cmd	568.5 cmd
		Swimming pool	3 cmd	3 cmd
		STP Treated Water		
		- Flushing	299.85 cmd	299.85 cmd
		- Gardening	322.3 cmd	0 cmd
		Total water requirement	1211.65 cmd	889.35 cmd
9.	Sewage generation (CMD)	Sewage generation: 828 CMD		
10.	STP Capacity (CMD) and Technology	Capacity of STP: 2 nos. of STP of capacities 485 cmd, 350 cmd for Residential buildings and 40 cmd for KDMC buildings STP Technology: MBBR Technology (Moving Bed Bio Reactor Technology)		
11.	STP location	Underground		
12.	Total solid waste quantities	Biodegradable Waste : 1280 kg/day Non-Biodegradable Waste : 1921 kg/day Total Solid Waste : 3201 kg/day		
13.	RG area in sq.m	RG provided on Mother Earth: <ul style="list-style-type: none"> • For residential buildings: 31,858 sq. m. • KDMC Non-Residential buildings: 7,972 sq. m. RG provided on ground: <ul style="list-style-type: none"> • For residential buildings: 31,858 sq. m. • KDMC Non-Residential buildings: 7,972 sq. m. Total: 39,830 sq.m		
14.	Power requirement	During Operation phase:		

		Particular	Requirement	
			Residential buildings	KDMC Component
		Demand load (kW)	9570.83 kW	893.66 kW
		Connected load (kW)	3780.8 kW	479 kW
15.	Energy Efficiency	Total Energy Savings (%): <ul style="list-style-type: none"> • By using Energy Saving Measures: 18% • Savings through Renewable Sources: 5.4% 		
16.	DG set capacity	Particular	Requirement	
			Residential buildings	KDMC Component
		DG Sets	2 nos. x 630 kVA	1 no. x 320 kVA
		Dry /Oil type transformer	5 nos. x 1000 kVA	1 no. x 750 kVA
16.	Parking 4W and 2W (nos)	Parking statement		
		Parking details	Required (nos.)	Proposed (nos.)
		4 wheelers	712	1291
		2 wheelers	1287	1272
17.	Rain water harvesting scheme	RWH tanks Building A & B: 56 cu.m [1No.:4mX3.5mX4m] Building C, D & E: 100 cu.m [1No.:5mX5mX4m] Building F & G: 49 cu.m [1No.:3.5mX3.5mX4m] Clubhouse: 36 cu.m [1No.:3mX3mX4m] KDMC Commercial Building: 80 cu.m [1 No. x 5m X 4m X 4m] KDMC Auto Repair Shed: 49 cu.m [1 No.: 3.5m X 3.5m X 4m] RWH pits Residential area: 17 nos. [3m X 3m X 4m deep] KDMC Area: 4 nos. [3m X 3m X 4m deep]		
18.	Project cost in (Cr.)	INR. 570 Crores		

19.	EMP Cost	During Construction phase:		
		Environment Protection Measure	Capital Cost (Rs. in lakh)	O&M Cost (Rs. in lakh)
		Waste Management	4.00	0.40
		Toilets for labour + drinking water + first aid arrangement	7.00	0.70
		Total	11.00	1.10
		During Operation Phase:		
		Environment Protection Measure	Capital Cost (Rs. in lakh)	O&M Cost (Rs. in lakh/year)
		STP	212.68	14.90
		Solid Waste Management	52.48	12.30
		Rainwater Harvesting	220.50	10.85
		Green Belt & Landscaping	1584.00	31.68
		Fire Fighting	2323.20	232.32
		Energy Saving Measures	328.81	31.88
		Environmental monitoring	7.35	1.10
		TOTAL	4729.02	345.03
20.	CER details with justification if any	CER as per EMP cost mentioned above.		

The comparative statement vis-à-vis earlier EC is as below:

1. Area Statement in Sq. m:

Sr. No	Particulars	As Per EC 26.03.2019	Proposal After Expansion	Remarks
i.	Area of the Plot	85,220	85,220	No change
iii.	FSI area	51,980.33	1,16,120.32	Increase by 64,139.99 sq.m. (55%)
iv.	Non FSI area	1,02,187.67	1,04,362.71	Increase by 3594.29 sq.m. (2.08%)
v.	Gross	1,54,168.00	2,20,483.03	Increase by 36,317.33 sq.m.

	Construction BUA			(30.08%)
vi.	Ground coverage area	17,140	17,600	Increase by 460 sq.m.(2.61%)

2. Building Configuration:

Building Name	As per EC – 26.03.2019				Proposal after expansion			
	Building Configuration	Height	Flats	GCBUA	Building Configuration	Height	Flats	GCBUA
Residential Tower-A	Stilt + 5 Parking Podiums + 1 Landscape Podium + 23 Residential Floors	89.40	110	15,948.72	Stilt + 6 Podiums (Parking + Amenity) + 32 Residential Floors	115.95	154	20,765.52
Residential Tower-B	Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 23 Residential Floors	89.40	171	16,857.68	Part Stilt & Part Ground Floor + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors	115.95	233	21,760.81
Residential Tower-C	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 5 Residential Floors	36.3	49	7,278.30	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 32 Residential Floors	115.95	164	23,353.98

Residential Tower-D	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 5 Residential Floors	36.3	50	7,294.72	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 27 Residential Floors	101.2	140	20,321.46
Residential Tower-E	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Podiums + 1 Landscape Podium + 5 Residential Floors	36.3	49	7,276.08	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	115.95	164	23,353.98
Residential Tower-F	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 23 Residential Floors	89.40	143	13,681.58	Stilt + 1 Parking Podium + 4 Part Residential & Part Parking Floors + 1 Landscape Podium + 32 Residential Floors	115.95	196	17,755.96
Residential Tower-G	Stilt + 5 Parking Podiums + 1 Landscape Podium + 23 Residential Floors	89.40	110	15,948.72	Stilt + 6 Podiums + 32 Residential Floors	115.95	154	20,786.04
Podium area	Stilt + 5 Parking Floors + 1 Landscape	18.60	-	62,248.17	Stilt + 5 Parking Floors + 1 Landscape	18	-	62,248.17

	Podium					Podium			
Clubhouse	Ground Floors	+ 0	5.00	-	1630.33	Stilt + 1	8	-	4137.11
KDMC Non-Residential	Ground Floors and Ground Floors	+ 3 and + 0	18.20	-	6000.00	No Change			
TOTAL	-	-	-	682	1,54,168	-	-	1205	2,20,483.03

3. Resource requirement:

Sr. No	Particulars	As per Previous EC Dtd. 26.03.2019	Resource Requirement After expansion	Remark
1.	No. of units	Residential: 682	Residential: 1205	Increase by 523 nos.
2.	Number of users	Total: 4290 Residential building: 3410 KDMC component: 800 Visitors: 80	Total: 6930 Residential building: 6025 Club house: 25 KDMC component: 800 Visitors: 80	Increase by 2640 nos.
3.	Water consumption (KLD)	Source: KDMC + STP recycled water + Tanker Total Requirement: 824	Source: KDMC + STP recycled water + Tanker Total Requirement: 1211.65	Increase by 387.65 KLD
4.	Sewage Generation	Sewage: 464 KLD STP capacity: 445 KLD, 40 KLD STP Technology: MBBR	Sewage: 828 KLD STP capacity: 485 KLD, 350 KLD & 40 KLD STP Technology: MBBR	Increase by 364 KLD and addition of 1 STP
5.	RWH tanks & Pits	5 RWH tanks of 370 cum 21 nos. of RWH Pits	6 RWH tanks of 370 cum 21 nos. of RWH Pits	Proposed 1 RWH tank
6.	Solid waste generated (Kg/day)	Total waste: 1893 Dry waste: 1136 Wet waste: 757	Total waste: 3201 Dry waste: 1921 Wet waste: 1280	Increase by 1308 kg/day

7.	Energy consumption	<p>Source: MSEDCL For residential buildings: Connected Load: 4741 kW Maximum demand: 2353 kW</p> <p>For KDMC non-residential buildings: Connected Load: 1015 kW Maximum demand: 576 kW</p> <p>Power Back up: DG set: 2 nos. x 630 KVA, 1 no. x 315 kVA Transformer: 3 nos. x 1000 kVA, 1 no. X 1000 kVA</p>	<p>Source: MSEDCL For residential buildings: Connected Load: 9570.83 kW Maximum demand: 3780.8 kW</p> <p>For KDMC non-residential buildings: Connected Load: 893.66 kW Maximum demand: 479 kW</p> <p>Power Back up: DG set: 2 nos. x 630 kVA, 1 no. x 320 kVA Transformer: 5 nos. x 1000 kVA, 1 no. X 750 kVA</p>	<p>Increase in CL by 4829.83 kW and increase in MD by 1427.8 kW</p> <p>Reduction in CL by 121.34 kW & reduction in MD by 97 kW</p> <p>Increase in capacity</p>
8.	Parking numbers	4-W: 1291 nos. (As per previous Sanctioned Plan)	2-W: 1272 nos. 4-W: 1291 nos.	Provision of 2 wheelers as per UDCPR
9.	Project cost (Rs. in crore)	387	570	Increased

3. Proposal is an expansion of existing construction Project. Project had received earlier EC vide letter No. SEIAA – EC – 0000001440, dated: 26th March, 2019 for total plot area of 85,220.00 Sq. Mtrs., total construction area of 1,54,160 810 0 Sq. Mtrs. and FSI area of 51,980.33 Sq. Mtrs. Now, due to increase in FSI, now they are proposing expansion in earlier EC by vertical extension of the Residential Towers and Club House. Proposal has been considered by SEIAA in its 236th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following NOCs & remarks as per amended planning:
 - a) Water; b) Sewer; c) Final CFO NOC.
3. PP to submit architect certificate of comparative statement mentioning components approved and components constructed as per earlier EC
4. PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.
5. PP to provide Low Flow Devices (LFD) & Sensors as water conservation measures in operation phase; PP to provide portable STP for workers in construction phase & accordingly revise construction & operation phase EMP. PP to include cost of DMP in EMP.
6. PP to provide noise barricades along the project site & include the cost of same in EMP.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA after deliberation decided to grant EC for – FSI-116120.32 m², Non-FSI-1,04,362.71 m², Total BUA-220483.03 m². (Plan approval-KDMC/TPD/BP/KD/2018-19/35/205 Dated 28/07/2021).

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.

- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.
- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XVII. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVIII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XIX. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

XX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that

the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>


- XII. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XIII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIV. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
- II. If applicable "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies

that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Manisha Patankar Mhaiskar
(Member Secretary, SEIAA)
8/2/2022

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Thane.
6. Commissioner, Kalyan Dombivali Municipal Corporation.
7. Regional Officer, Maharashtra Pollution Control Board, Kalyan.

Signature Not Verified

Digitally signed by Manisha Patankar Mhaiskar
Member Secretary

Date: 2/10/2022 4:35:11 PM



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: March 26, 2019

To,
Birla Estates (A Division of Century Textiles and Industries Limited)
at Plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane

Subject: Environment Clearance for Proposed project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane by M/s. Birla Estates (A Division of Century Textiles and Industries Limited)

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 89th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 161st meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category 8(b) Category B as per EIA Notification 2006.

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

1.Name of Project	Proposed project on plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane by M/s. Birla Estates (A Division of Century Textiles and Industries Limited)
2.Type of institution	Private
3.Name of Project Proponent	Birla Estates (A Division of Century Textiles and Industries Limited)
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Residential and Commercial Development
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CS No. 1653, 1550 B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane
9.Taluka	Kalyan
10.Village	Shahad
Correspondence Name:	Mr. Sachin Sinnarkar
Room Number:	-
Floor:	Level 8
Building Name:	Birla Aurora
Road/Street Name:	Dr. Annie Besant Road
Locality:	Worli
City:	Mumbai
11.Area of the project	Kalyan Dombivali Municipal Corporation (KDMC)
12.IOD/IOA/Concession/Plan Approval Number	Layout Approval No. KDMC TP 1293 dated 31st May 2018 IOD/IOA/Concession/Plan Approval Number: Layout Approval No. KDMC TP 1293 dated 31st May 2018 Approved Built-up Area: 154168
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Layout Approval No. KDMC TP 1293 dated 31st May 2018

SEIAA Meeting No: 161 Meeting Date: March 15, 2019 (SEIAA-STATEMENT-000001613)
SEIAA-MINUTES-000001756
SEIAA-EC-000001440

15.Total Plot Area (sq. m.)	85,220 sq. m.
16.Deductions	Area not in possession: 2,095 sq. m. + Area under 30 m wide road: 4,763 sq. m.
17.Net Plot area	78,362 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): For owner : 45,955.79 sq. m. and for KDMC : 6000 sq. m.
	Non FSI area (sq. m.): 1,02,212.21 sq. m.
	Total BUA area (sq. m.): 154168
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): For owner : 45955.79 sq. m. and for KDMC : 6000 sq. m.
	Approved Non FSI area (sq. m.): 102212.21 sq. m.
	Date of Approval: 31-05-2018
19.Total ground coverage (m2)	17,140 sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22%
21.Estimated cost of the project	3870000000



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22. Production Details

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

23. Total Water Requirement

Dry season:	Source of water	Kalyan Dombivali Municipal Corporation (KDMC)
	Fresh water (CMD):	327.3
	Recycled water - Flushing (CMD):	170.25
	Recycled water - Gardening (CMD):	165.376
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	665.926
	Fire fighting - Underground water tank(CMD):	500 m3/day for residential buildings and 100 m3/day for KDMC non-residential building
	Fire fighting - Overhead water tank(CMD):	30 m3/day in each wing of residential buildings and 20 m3/day for KDMC non-residential building
	Excess treated water	105.95
Wet season:	Source of water	Kalyan Dombivali Municipal Corporation (KDMC)
	Fresh water (CMD):	327.3
	Recycled water - Flushing (CMD):	170.25
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	500.55
	Fire fighting - Underground water tank(CMD):	500 m3/day for residential buildings and 100 m3/day for KDMC non-residential building
	Fire fighting - Overhead water tank(CMD):	30 m3/day in each wing of residential buildings and 20 m3/day for KDMC non-residential building
	Excess treated water	271.33
Details of Swimming pool (If any)	Swimming pool size is proposed to be 25 m X 10 m X 1.2 m. Fresh water requirement for swimming pool will be sufficed from tanker water supply.	

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24.Details of Total water consumed

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

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 6 m
	Size and no of RWH tank(s) and Quantity:	1 No. of size 4 m X 3.5 m X 4 m deep for Building-A & B, 1 No. of size 5 m X 5 m X 4 m deep for Building-C, D & E, 1 No. of size 3.5 m X 3.5 m X 4 m deep for Building-F & G, 1 No. each of size 3 m X 3 m X 4 m deep for KDMC Non-Residential Building and Clubhouse, 1 No. of size 3 m X 2.5 m X 3 m
	Location of the RWH tank(s):	Below ground level
	Quantity of recharge pits:	31 Nos. for residential buildings and 6 Nos. for KDMC Non-Residential building
	Size of recharge pits :	All recharge pits of size 3 m X 3 m X 4 m deep
	Budgetary allocation (Capital cost) :	Rs. 3,50,000 per pit
	Budgetary allocation (O & M cost) :	Rs. 35,000 per pit
	Details of UGT tanks if any :	1 No. of size 4 m X 3.5 m X 4 m deep for Building-A & B 1 No. of size 5 m X 5 m X 4 m deep for Building-C, D & E 1 No. of size 3.5 m X 3.5 m X 4 m deep for Building-F & G 1 No. each of size 3 m X 3 m X 4 m deep for KDMC Non-Residential Building and Clubhouse

26.Storm water drainage	Natural water drainage pattern:	Natural drainage pattern will be maintained.
	Quantity of storm water:	Will be designed as per maximum rainfall.
	Size of SWD:	Storm water drain channels of following sizes will be provided : 750 mm X 1140 mm deep, 600 mm X 1145 mm deep, 600 mm X 1280 mm deep, 450 mm X 765 mm deep, 450 mm X 650 mm deep, 600 mm X 1330 mm deep, 600 mm X 1270 mm deep

27.Sewage and Waste water	Sewage generation in KLD:	464.82
	STP technology:	MBBR
	Capacity of STP (CMD):	490 cmd (1 STP of 450 cmd capacity for Residential buildings + 1 STP of 40 cmd capacity for KDMC Non-Residential building)
	Location & area of the STP:	Location : Below ground level, Area : 375 sq. m. for Residential Buildings and 50 sq. m. for KDMC Non-Residential Building
	Budgetary allocation (Capital cost):	Rs. 71.25 Lakhs
	Budgetary allocation (O & M cost):	Rs. 7.2 Lakhs/year

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	All excavated earth of shall be used for backfilling on site.
	Disposal of the construction waste debris:	Debris generated during construction phase will be collected at one place and will be disposed off to KDMC approved land-filling sites.
Waste generation in the operation Phase:	Dry waste:	800 kg/day
	Wet waste:	1100 kg/day
	Hazardous waste:	Waste / Spent Oil from DG Set & Transformers
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	50 kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Segregation and sale of recyclables, inerts to approved landfill site.
	Wet waste:	Organic Waste Composter (OWC)
	Hazardous waste:	Used oil from DG sets to be sold to authorized oil waste recycler.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be mixed with wet waste after proper drying for treatment in OWC.
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	800 sq. ft.
	Area for machinery:	120 sq. ft. for Residential buildings and 30 sq. ft. for KDMC Non-Residential buildings
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 16 Lakhs for Residential buildings and Rs. 5.5 Lakhs for KDMC Non-Residential buildings
	O & M cost:	Rs. 8 Lakhs/annum for Residential buildings and Rs. 3 Lakhs for KDMC Non-Residential buildings

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29.Effluent Charecterestics

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



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used / Spent Oil	5.1	KL/annum	Nil	As & when generated	As & when generated	To be sold to authorized oil waste recyclers
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG Set (2 Nos. Of capacity 630 kVA each for Residential Buildings and 1 No. of 315 kVA for KDMC Non-Residential Building)	HSD	3	6	0.20	518 deg.C	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD	Not applicable	As per requirement	As per requirement			
Source of Fuel		Not applicable					
Mode of Transportation of fuel to site		Not applicable					
33.Energy							
Power requirement:	Source of power supply :	MSEDCL					
	During Construction Phase: (Demand Load)	190 kVA					
	DG set as Power back-up during construction phase	Not applicable					
	During Operation phase (Connected load):	For Residential buildings : 4,621.70 kW and For KDMC Non-Residential building : 1015.07 kW					
	During Operation phase (Demand load):	For Residential buildings : 2,288.88 kW and For KDMC Non-Residential building : 576.97 kW					
	Transformer:	Dry type transformer : 3 nos. of capacity 1000 kVA for Residential buildings and 1 No. of capacity 630 kVA for KDMC Non-Residential building					
	DG set as Power back-up during operation phase:	2 Nos. of DG sets of capacity 630 kVA each for Residential buildings and 1 No. of DG set of capacity 315 kVA for KDMC Non-Residential building will be installed as emergency power back-up.					
	Fuel used:	HSD					
	Details of high tension line passing through the plot if any:	66 kV Railway Feeder Line. Minimum distance of 10 m has been maintained between the habitable structures and the HT line.					
34.Energy saving by non-conventional method:							
<ul style="list-style-type: none"> - Use of solar energy for common area lighting and landscape lighting - Use of energy efficient pumps and motors - Use of transformers with load and no load losses as compliant with ECBC - Use of LED lighting fixtures for internal common areas, parking, landscape and street lighting - Use of timer-based automatic on-off controls for common area lighting - Energy conservation measures based on ECBC 							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures	Saving %					

1	Overall Energy Saving	For Residential buildings : 24.03% and For KDMC Non-Residential building : 21.79%					
37.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
Waste water	Not applicable			STP of total capacity 490 cmd (1 STP of 450 cmd for Residential Complex + 1 STP of 40 cmd for KDMC Non-Residential Building)			
Municipal solid waste	Not applicable			Organic Waste Composter (OWC) for on-site treatment of wet waste			
Budgetary allocation (Capital cost and O&M cost):		Capital cost:	Rs. 110 Lakhs for solar hot water system and solar street lighting				
		O & M cost:	Rs. 10 Lakhs for solar hot water system and solar street lighting				
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Provision of sanitation facilities for labours	Provision of clean toilets, potable drinking water	3				
2	Provision of health and safety facilities for labours	Medical tests, training in safety	3				
3	Arrangements for first aid	First aid kit	0.75				
4	Monitoring of environmental parameters	Monitoring of air, noise and water quality	2.80				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage Treatment Plant (STP)	Total capacity of 490 cmd	71.25	7.2			
2	Solid waste management	OWC	21.5	11			
3	Rainwater harvesting	RWH tanks & recharge pits	179.5	12.95			
4	Energy saving features (including solar energy)	Solar hot water system and solar street lighting	110	10			
5	Firefighting measures	Firefighting system (alarm, extinguisher etc.)	1700	17			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							

	CRZ/ RRZ clearance obtain, if any:	Out of the total site area, area admeasuring 33,335 sq. m. is situated in CRZ-III. Out of this, 19,930 sq. m. area is under 'Transport Nagar' reservation. Out of the total CRZ-III affected area under 'Transport Nagar' reservation, area admeasuring 7,972 sq. m. will be handed over to KDMC. No construction / utilization of FSI is proposed on the CRZ-III affected part of the site under 'Transport Nagar' reservation. The developer's plot affected by CRZ-III would be considered for landscaping / gree
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Waldhuni River (tributary of Ulhas River) - Adjoining the site from South-West to North-West
	Category as per schedule of EIA Notification sheet	8(b) Category B
	Court cases pending if any	No. Not Applicable
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 161st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP informed that he has not proposed any construction in CRZ and prohibited area and undertook that he will not undertake any construction therein without MCZMA's clearance. PP was directed not to undertake any construction in CRZ prohibited area without specific clearance from MCZMA
II	PP to design slope of ramp to 1:10
III	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
IV	PP to submit CER plan to Municipal Commissioner, KDMC and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.
V	SEIAA decided to grant EC for : FSI: 51980.33 m2, Non FSI: 102187.67 m2 & Total BUA: 154168.00 m2. (IOD no. KDMC/TP/1293, Approval Date- 31.05.2018)

General Conditions:

I	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

**SEIAA Meeting No: 161 Meeting Date: March 15, 2019 (SEIAA-STATEMENT-000001613)
SEIAA-MINUTES-000001756
SEIAA-EC-000001440**

X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.

XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

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

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

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

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

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



Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

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

Government of
Maharashtra



TOWER A & B



TOWER F & G



TOWER ELEVATION



KDMC 1



PODIUM

KALYAN DOMBIVALI MUNICIPAL CORPORATION, KALYAN**APPENDIX 'D-1'****FORM FOR SANCTION OF BUILDING PERMISSION AND COMMENCEMENT
CERTIFICATE****To,****M/s. Century Rayon.****P.O.A- Shri. K.T.Jithendran (C.E.O. Birla Estate)****Architect - Smt. Shobhana Deshpande, Kalyan(W.)****Structural Engineer - Mr. Pravin T.Gala Consultants Pvt. Ltd, Mumbai**

With reference to your application dated **12/07/2021** for the grant of sanction of Commencement Certificate under Section 44 of The Maharashtra Regional and Town Planning Act, 1966 read with Section 253 of Maharashtra Municipal Corporations Act, 1949 to carry out development work / Building on **C.T.S. 1653, 1550/B,D (S.NO.16/1pt, 1/5 pt), S.No.17, 18 & 218** Village **Shahad** situated at Commencement Certificate/ Building Permit is granted under Section 45 of the said Act, subject to the following conditions:

1. The land vacated in consequence of the enforcement of the set-back rule shall form part of the public street in future.
2. No new building or part thereof shall be occupied or allowed to be occupied or used or permitted to be used by any person until occupancy certificate is granted.
3. The Commencement Certificate/ Building permit shall remain valid for a period of one year commencing from the date of its issue unless the work is not commenced within the valid period.
4. This permission does not entitle you to develop the land which does not vest in you.

Office No. **KDMC | TPD | BP | KD / 2018-19 | 35 | 205**

Office Stamp

Date : **28/07/2021****Yours faithfully,**

[Signature]
for Assistant Director of Town Planning
Kalyan Dombivali Municipal Corporation, Kalyan.
[Signature]



कल्याण डोंबिवली महानगरपालिका

नगर रचना विभाग

अटी व शर्ती

सुधारीत बांधकाम परवानगी क्र: KDMC/TPD/BP/KD/2018-19/35/205.

04 - 28/07/2021

महाराष्ट्र प्रादेशिक व नगररचना अधिनियम १९६६ चे कलम ४४ तसेच म.प्रा. व न.र. अधिनियम १९६६ चे कलम ४५ नुसार मौजे-शहाड, सि.स.नं. १६५३, १५५०/ब, ड (स.नं.१६/१पै, १/५पै.) स.नं. १७, १८ व २१८ मध्ये ८३१२५.०० चौ.मी. क्षेत्राच्या भूखंडावर ८४७०३.३७ चौ.मी. बांधकाम क्षेत्रास सुधारीत बांधकाम परवानगी प्रदान करण्यात आलेली आहे. सद्यस्थितीत UDCPR नुसार Ancillary F.S.I, Premium F.S.I. चा विचार करून एकूण १,१६,१२०.३२ चौ.मी. बांधकाम क्षेत्राच्या भूखंडाचा विकास करावयास सुधारीत बांधकाम करण्यासाठी केलेल्या दिनांक १२/०७/२०२१ च्या अर्जास अनुसरून खालील अटी व शर्तीस अधिन राहून, तसेच नकाशावर हिरव्या रंगाने दुरुस्ती दाखविल्याप्रमाणे "सुधारीत बांधकाम परवानगी" देण्यात येत आहे.

बांधकामाचा तपशील :-

- इमारत A — स्टिल्ट + सहा पोडियम (पार्किंग + अॅमेनिटी) + पहिला मजला ते बत्तीसावा मजला (रहिवास)
- इमारत B, C, E— स्टिल्ट (पै.), तळ(पै.) + सहा पोडियम (पार्किंग + रहिवास) + पहिला मजला ते बत्तीसावा मजला (रहिवास + वाणिज्य)
- इमारत F — स्टिल्ट + सहा पोडियम (पार्किंग + रहिवास) + पहिला मजला ते बत्तीसावा मजला (रहिवास)
- इमारत G — स्टिल्ट + सहा पोडियम (पार्किंग) + पहिला मजला ते बत्तीसावा मजला (रहिवास)
- इमारत D — स्टिल्ट (पै.), तळ(पै.) + सहा पोडियम (पार्किंग + रहिवास) + पहिला मजला ते सत्तविसावा मजला (रहिवास + वाणिज्य)
- क्लब हाऊस — स्टिल्ट + पहिला मजला

महापालिकेस हस्तांतरित करावयाचे बांधकाम —

इमारत क्र.१ तळमजला + पाहिला ते तिसरा मजला (वाणिज्य)

इमारत क्र.२ तळमजला (वाणिज्य)

- १) एकत्रिकृत विकास नियंत्रण व प्रोत्साहन नियमावली (UDCPR) मधील विनियम क्र. २.८.३ नुसार प्रत्यक्ष जागेवर बांधकाम सुरु करणेपूर्वी बांधकाम मंजूरीचा फलक लावणे आपणांवर बंधनकारक राहिल.
- २) UDCPR मधील विनियम क्र.1.5 Savings मध्ये नमूद a to h बाबत शासनाच्या वेळोवेळी निर्गमित होणाऱ्या मार्गदर्शक सूचना आपणांवर बंधनकारक राहिल.
- ३) बांधकाम चालू करण्यापूर्वी सात दिवस आधी महापालिका कार्यालयास लेखी कळविण्यात यावे.

- ४) UDCPR मधील Appendix-F नुसार वाडेभित व जोत्याचे बांधकाम झाल्यानंतर वास्तुशिल्पकाराचे प्रमाणपत्र महानगरपालिकेस सादर करण्यात यावे व त्यानंतरच पुढील बांधकाम करण्यात यावे.
- ५) सदर अभिन्यासात कोणत्याही प्रकारचा फेरफार पूर्व परवानगी घेतल्याशिवाय करू नये, तसे केल्याचे आढळून आल्यास सदरची विकास परवानगी रद्द समजण्यात येईल.
- ६) UDCPR मधील विनियम क्र. १२.१ ते १२.३ नुसार इमारतीच्या बांधकामाच्या सुरक्षिततेची (स्ट्रक्चरल सेफ्टी) जबाबदारी सर्वस्वी वास्तुशिल्पकार, **Structural Engineer** व परवानगीधारक यांचेवर राहिल, याची नोंद घ्यावी.
- ७) भूखंडाकडे जाण्या-येण्याच्या मार्गाची जबाबदारी संपूर्णपणे आपलेकडे राहिल. बांधकाम प्रारंभ प्रमाणपत्र नियोजित रस्त्याप्रमाणे दिले असल्यास त्या रस्त्याचे काम महानगरपालिकेच्या सोयी प्रमाणे व प्राधान्याप्रमाणे केले जाईल व तसा रस्ता होईपर्यंत इमारतीकडे येणा-जाण्याचे मार्गाची जबाबदारी सर्वस्वी आपली राहिल.
- ८) जागेत जूने भाडेकरू असल्यास त्यांच्याबाबत योग्य ती व्यवस्था करावयाची जबाबदारी मालकाची राहिल व मालक भाडेकरू यांचेमध्ये काही वाद असल्यास किंवा निर्माण झाल्यास त्याचे निराकरण मालकाने करणे आवश्यक राहिल.
- ९) सदर जागेत विहीर असल्यास ती संबंधित विभागाच्या परवानगी शिवाय बुजवू नये.
- १०) सदर जागेतून पाण्याचा नैसर्गिक निचरा होत असल्यास तो जलनिःसारण विभाग, (क.डों.म.पा.) च्या परवानगीशिवाय वळवू अथवा बंद करू नये.
- ११) बांधकामाचे साहित्य रस्त्यावर टाकावयाचे झाल्यास महापालिकेच्या बांधकाम खात्याची परवानगी घेणे आवश्यक राहिल व त्याकरीता नियमाप्रमाणे लागणारी रक्कम (दंड झाल्यास त्यासह रक्कम) भरावी लागेल तसेच निरूपयोगी साहित्य महापालिका सांगेल त्या ठीकाणी स्वखर्चाने वाहून टाकणे आपणावर बंधनकारक राहिल.
- १२) सदर जागेत बांधकाम करण्याबाबत पूर्वीची बांधकाम परवानगी असेल तर ती या बांधकाम परवानगीमुळे अधिक्रमीत (Supersede) झाला असे समजण्यात यावे.
- १३) रेखांकन प्रस्तावातील सर्व भूखंड रस्ते, खुल्या जागा, यांची प्रस्तावित नकाशाप्रमाणे जागेवर आखणी भूमी अभिलेख यांचेमार्फत करून घ्यावी व त्यांचेकडील प्रमाणित मोजणी नकाशाची प्रत, बांधकाम प्रमाणपत्र दिल्या तारखेपासून एक वर्षाचे आत सादर करावी.
- १४) भूखंडातील आरक्षित भाग समतल करून व वाडेभिंतीचे बांधकाम करून तसेच विकास योजना रस्ते रितसर नोंदीकृत करारनामा व खरेदीखतासह क.डों.म.पा.स विनामूल्य हस्तांतरित करावे.
- १५) वापर परवाना दाखला घेण्यापूर्वी कर विभाग, जलनिःसारण विभाग व मलनिःसारण विभाग, अग्निशमन विभाग, पाणी पुरवठा विभाग, उद्यान विभाग, क.डों.म.पा. यांचेकडील ना-हरकत दाखला बांधकाम नकाशासह सादर करणे आपणावर बंधनकारक राहिल.
- १६) जागेच्या मालकी हक्काबाबत काही वाद असल्यास अथवा निर्माण झाल्यास त्यांचे संपूर्ण निराकरण करण्याची जबाबदारी आपली राहिल.
- १७) ओल्या व सुक्या कचऱ्यासाठी स्वतंत्र कचराकुंड्यांची व्यवस्था करणे आपणावर बंधनकारक राहिल.
- १८) बांधकाम पूर्णत्वाचा दाखला घेणेपूर्वी कल्याण डोंबिवली महानगरपालिकेच्या निर्देशाप्रमाणे इमारतीत सौरउर्जा उपकरणे बसवून विद्युत विभागाकडील ना हरकत दाखला सादर करणे बंधनकारक राहिल.

- १९) UDCPR मधील विनियम क्र. १३.३ नुसार भुखंडावरील इमारतीत रेन वॉटर हार्वेस्टिंगबाबत अंमलबजावणी करणे आपणांवर बंधनकारक राहिल.
- २०) वापर परवाना दाखला घेणेपूर्वी महसूल विभागाकडून गौणखनिज स्वामित्वधन रक्कम शासनास जमा केलेबाबतचा ना हरकत दाखला सादर करणे आपणांवर बंधनकारक राहिल.
- २१) वापर परवाना दाखल्यापूर्वी मा. जिल्हाधिकारी, यांचेकडील सनद सादर करणे आपणांवर बंधनकारक राहिल.
- २२) UDCPR मधील विनियम क्र. १३.४ नुसार ग्रे-वॉटर रिसायकलिंग बाबत कार्यवाही करणे तसेच संबंधित विभागाचा ना हरकत दाखला सादर करणे आपणांवर बंधनकारक राहिल.
- २३) UDCPR मधील विनियम क्र. १३.५ नुसार घनकचरा व्यवस्थापना बाबत कार्यवाही करणे तसेच संबंधित विभागाचा ना हरकत दाखला सादर करणे आपणांवर बंधनकारक राहिल.
- २४) नकाशात हिरव्या रंगाने केलेल्या दुरुस्त्या आपल्यावर बंधनकारक राहतील.
- २५) इमारतीचे बांधकाम या सोबतच्या मंजूर केलेल्या नकाशाप्रमाणे आणि वरीलप्रमाणे घालून दिलेल्या अटीप्रमाणे करणे आपणांवर बंधनकारक राहिल.
- २६) सदर प्रकरणी चुकीची व अपुर्ण माहिती दिली असल्यास सदर बांधकाम परवानगी रद्द समजण्यात येईल.
- २७) इमारतीचे बांधकाम या सोबतच्या मंजूर केलेल्या नकाशाप्रमाणे आणि वरीलप्रमाणे घालून दिलेल्या अटीप्रमाणे करणे आपणांवर बंधनकारक राहिल.
- २८) प्रकरणी सदरहू भुखंडातील कचऱ्याची विल्हेवाट होणेसाठी आवश्यक की यंत्रणा/उपाययोजना करणे आपणांवर बंधनकारक राहिल.
- २९) प्रकरणी बांधकाम पुर्णत्वाचा दाखला घेणेपूर्वी ३०.०० मी. रुंद विकास योजना रस्ता व आ.क्र.२४२'वाहनतळ' या आरक्षणाने बाधीत तसेच अॅमिनिटी क्षेत्राबाबत नोंदणीकृत करारनामा करून मालमत्ता विभागाकडील ताबा पावती सादर करणे आपणांवर बंधनकारक राहिल.
- ३०) प्रकरणी क.डॉ.म.पा.स हस्तांतरीत करावयाच्या बांधीव क्षेत्राबाबत D.P.R. तयार करून शहर अभियंता यांची मंजूरी घेणे बंधनकारक राहिल. त्यानुसार बांधकाम महापालिकेस हस्तांतरीत केल्यानंतर कन्स्ट्रक्शन अॅमिनिटी ह.वि.ह. नियमानुसार अनुज्ञेय करण्यात येईल.
- ३१) प्रकरणी आपण सादर केलेल्या पर्यावरण विभागाकडील ना-हरकत दाखल्यावरील सर्व अटी आपणांवर बंधनकारक राहतील.
- ३२) बांधकाम पुर्णत्वाचा दाखला घेणेपूर्वी महापालिकेस हस्तांतरीत करावयाचे बांधीव क्षेत्र महापालिकेस हस्तांतरीत करणे आपणांवर बंधनकारक राहिल.

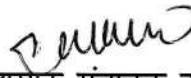
टिप:- UDCPR नुसार वरीलपैकी आपणास लागू असलेल्या अटींची पूर्तता करणे आपणांवर बंधनकारक राहिल, याची नोंद घ्यावी.

इशारा:-मंजूर बांधकाम प्रस्तावाव्यतिरिक्त केलेल्या अनधिकृत फेरबदलांबाबत आपण महाराष्ट्र प्रादेशिक नियोजन व नगररचना अधिनियम, १९६६ मधील कलम-५१ ते ५७ च्या तरतूदी नुसार दखलपात्र गुन्ह्यास पात्र राहाल.



बांधकाम परवानगीअंतर्गत भरण्यात आलेल्या रक्कमेचा तपशिल:

अ. क्र.	लेखाशिर्ष	रक्कम	पावती क्र./ दिनांक	यापुर्वीचा एकुण भरणा तपशिल	पावती क्र./ दिनांक	शेरा
१	ARI 020101	1,01,16,274/-	F104/22536 28/07/2021			
२	ARI 020102					
३	ARI 020103	20,000/-	F104/22536 28/07/2021			
४	ARI 020104	2,76,03,450/-	F104/22536 28/07/2021	-		
५	ARI 020105					
६	ARI 020106					
७	ARI 020107					
८	ARI 020108					
९	ARI 020109					
१०	ARI 020110	4,78,97,500/-	F104/22536 28/07/2021			
११	ASI 010304	94,25,100/-	F104/22536 28/07/2021			
१२	ASI 010513	83,63,206/-	F104/22536 28/07/2021			
१३	ASI 010518	1,01,16,274/-	F104/22536 28/07/2021			
१४	ASI 010519	4,78,97,500/-	F104/22536 28/07/2021			
	Total	16,14,39,304/-				


 सहाय्यक संचालक नगररचना, कल्याण
 कल्याण डोंबिवली महापालिका, कल्याण.

प्रत :-

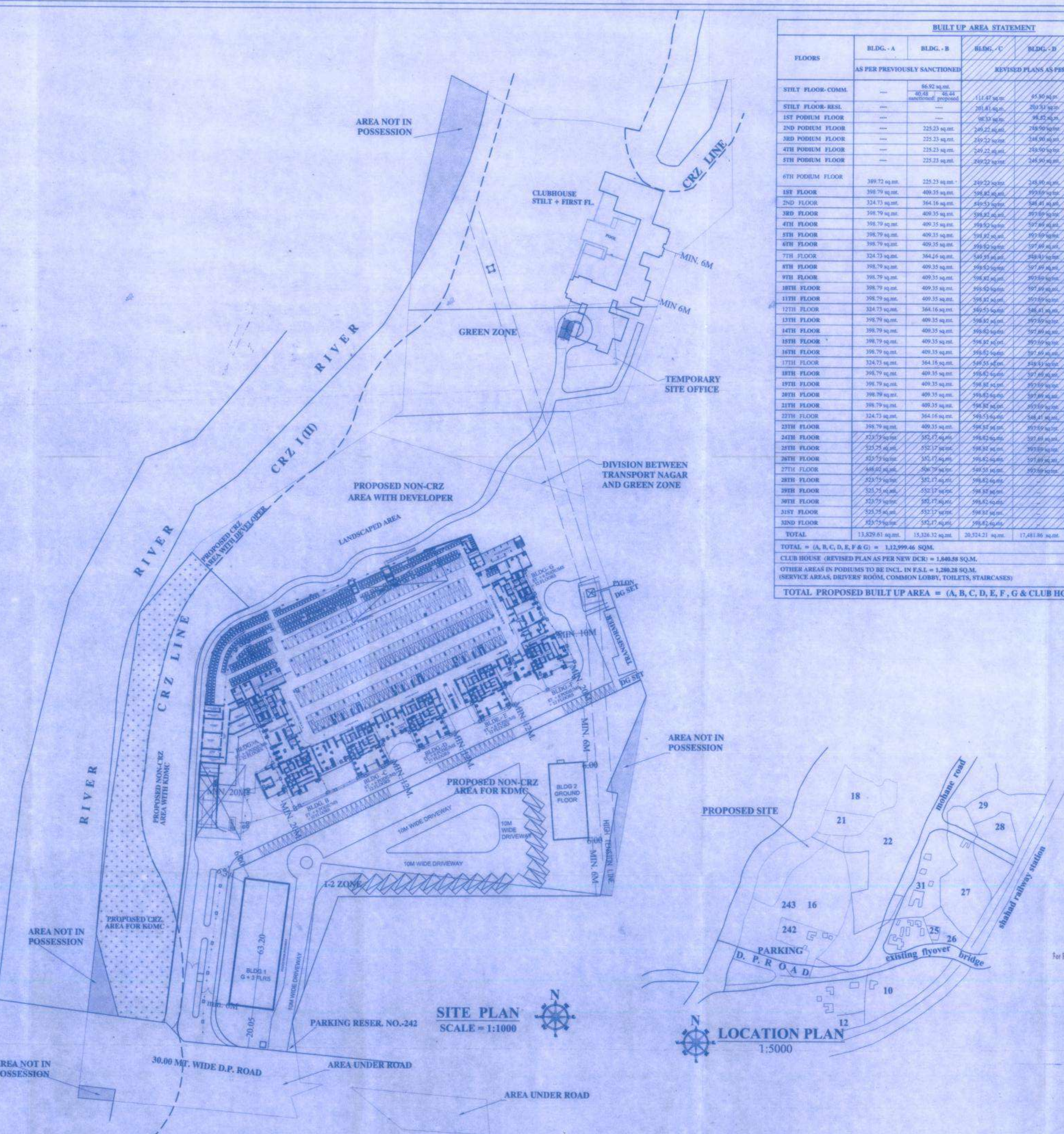
- १) करनिर्धारक व संकलक क.डो.म.पा.कल्याण.
- २) प्रभाग क्षेत्र अधिकारी 'अ' प्रभाग क्षेत्र.

CUMULATIVE PARKING PROVIDED					
TYPE OF BLDGS	TOTAL	REQUIRED PARKING		PARKING PROPOSED	
		2-WHEELER	CAR	2-WHEELER	CAR
A	154	92	97	92	1241 (INCLUDES ALL STILT & PODIUM PARKING)
B	233	87	91	---	
C	164	316	112	316	
D	140	298	112	298	
E	164	310	110	310	37 (OPEN)
F	196	92	69	92	
G	154	92	97	92	13 (OPEN)
COMMERCIAL AREA ABOVE 800.00 SQ.MT. 1 CAR REQUIRED FOR 100.00 SQ.M AREA PROPOSED COMMERCIAL AREA = 1,193.69		24	72	---	
TOTAL NO. OF PARKING		712	1272	1291	

AREAS IN PODIUMS TO BE INCLUDED IN FSI	
BLDG NO.	AREA
STILT (SERVICES)	651.90 sq.mt.
STILT	112.51 sq.mt.
FIRST PODIUM	112.51 sq.mt.
SECOND PODIUM	112.51 sq.mt.
THIRD PODIUM	112.51 sq.mt.
FOURTH PODIUM	112.51 sq.mt.
FIFTH PODIUM	42.65 sq.mt.
SIXTH PODIUM	23.18 sq.mt.
TOTAL	1,280.28 sq.mt.

STAIRCASE AREA STATEMENT (AS PER OLD DCR FOR PREVIOUSLY SANCTIONED BUILDINGS)	
BLDG NO.	AREA
BLDG. A (ST.+ 6 PODIUM + 23 FLRS.)	1,656.39 sq.mt.
BLDG. B (ST.+ 6 PODIUM + 23 FLRS.)	2,132.30 sq.mt.
BLDG. C (ST.+ 6 PODIUM + 5 FLRS.)	955.69 sq.mt.
BLDG. D (ST.+ 6 PODIUM + 5 FLRS.)	955.69 sq.mt.
BLDG. E (ST.+ 6 PODIUM + 5 FLRS.)	955.69 sq.mt.
BLDG. F (ST.+ 6 PODIUM + 23 FLRS.)	1,844.64 sq.mt.
BLDG. G (ST.+ 6 PODIUM + 23 FLRS.)	1,656.39 sq.mt.
TOTAL STAIRCASE AREA FOR WHICH PREMIUM IS ALREADY PAID	10,156.79 sq.mt.

TENEMENT STATEMENT						
BLDG. NO.	TOTAL	TENEMENT				
		1 BHK RM.	1.5 BHK RM.	2 BHK RM.	2.5 BHK RM.	3 BHK RM.
A	154 NOS	---	---	90 NOS	---	64 NOS
B	233 NOS	123 NOS	111 NOS	---	---	---
C	164 NOS	---	---	62 NOS	86 NOS	116 NOS
D	140 NOS	---	---	84 NOS	85 NOS	71 NOS
E	164 NOS	---	---	62 NOS	86 NOS	116 NOS
F	196 NOS	122 NOS	37 NOS	---	---	---
G	154 NOS	---	---	90 NOS	---	64 NOS
TOTAL	1285 NOS	244 NOS	148 NOS	395 NOS	17 NOS	310 NOS



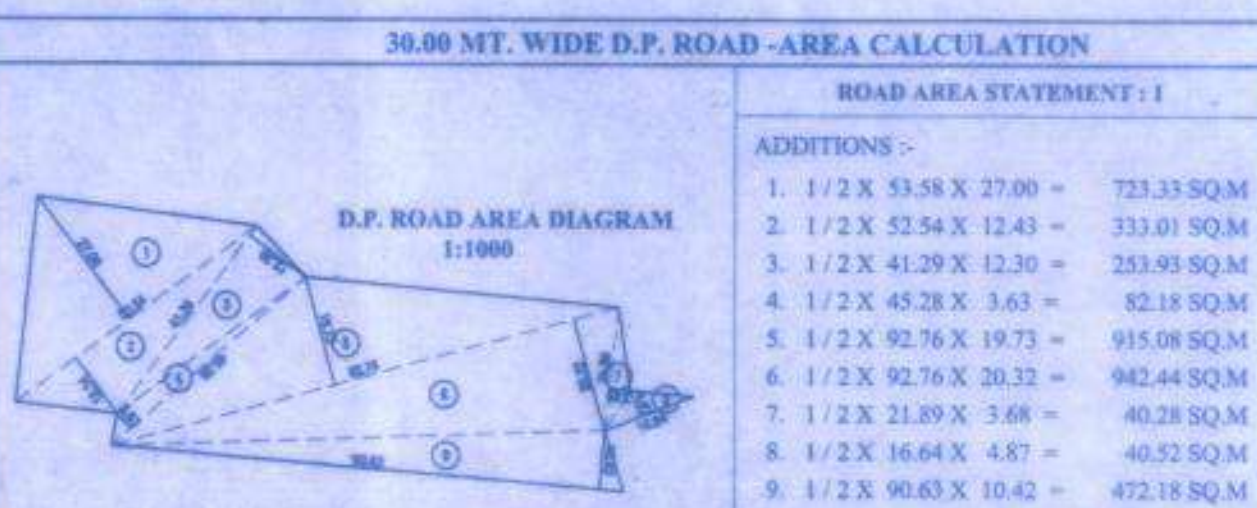
BUILT UP AREA STATEMENT						
FLOORS	BLDG. - A		BLDG. - B		BLDG. - C	
	AS PER PREVIOUSLY SANCTIONED	REVISED PLANS AS PER DCRC	AS PER PREVIOUSLY SANCTIONED	REVISED PLANS AS PER DCRC	AS PER PREVIOUSLY SANCTIONED	REVISED PLANS AS PER DCRC
STILT FLOOR-COMM	---	66.92 sq.mt.	---	66.92 sq.mt.	---	66.92 sq.mt.
STILT FLOOR-RESL	---	40.48 sq.mt.	---	40.48 sq.mt.	---	40.48 sq.mt.
1ST PODIUM FLOOR	---	111.47 sq.mt.	---	111.47 sq.mt.	---	111.47 sq.mt.
2ND PODIUM FLOOR	---	222.23 sq.mt.	---	222.23 sq.mt.	---	222.23 sq.mt.
3RD PODIUM FLOOR	---	222.23 sq.mt.	---	222.23 sq.mt.	---	222.23 sq.mt.
4TH PODIUM FLOOR	---	222.23 sq.mt.	---	222.23 sq.mt.	---	222.23 sq.mt.
5TH PODIUM FLOOR	---	222.23 sq.mt.	---	222.23 sq.mt.	---	222.23 sq.mt.
6TH PODIUM FLOOR	---	222.23 sq.mt.	---	222.23 sq.mt.	---	222.23 sq.mt.
7TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
8TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
9TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
10TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
11TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
12TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
13TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
14TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
15TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
16TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
17TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
18TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
19TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
20TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
21TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
22TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
23TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
24TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
25TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
26TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
27TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
28TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
29TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
30TH FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
31ST FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
32ND FLOOR	389.72 sq.mt.	222.23 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.	239.22 sq.mt.
TOTAL	13,829.61 sq.mt.	15,236.32 sq.mt.	10,274.21 sq.mt.	11,481.96 sq.mt.	10,617.58 sq.mt.	11,894.41 sq.mt.

AREA STATEMENT AS PER 7/12 EXTRACT	
C. S. NO. 1653	45,620.00 SQ.M.
C. S. NO. 1550 B	1,910.00 SQ.M.
C. S. NO. 1550 D	960.00 SQ.M.
S. NO. 17	16,290.00 SQ.M.
S. NO. 18	14,370.00 SQ.M.
S. NO. 218	6,070.00 SQ.M.
TOTAL AREA	85,220.00 SQ.M.

DESCRIPTION	SQ.M.
AREA OF PLOT	85,220.00 sq.m.
AREA NOT IN POSSESSION	2,095.00 sq.m.
RESERVATION 242 - PARKING	100.00 sq.m.
RESERVATION 243 - TRANSPORT NAGAR	55,022.00 sq.m.
30.00 MT. WIDE D.P. ROAD	4,763.00 sq.m.
I-2 ZONE	1,710.00 sq.m.
G ZONE	21,530.00 sq.m.
AREA UNDER CRZ IN TRANSPORT NAGAR	6,478.00 sq.m.

STATEMENT FOR TRANSPORT NAGAR	
TRANSPORT NAGAR	55,022.00 sq.m.
NON CRZ AREA = 48,544.00	
CRZ AREA = 6,478.00	
40% AREA (OF PLOT) TO BE HANDED OVER TO K.D.M.C	22,008.80 sq.m.
NON CRZ AREA = 17,268.80	
CRZ AREA = 4,740.00	

STATEMENT FOR AREA TO BE HANDED OVER TO KDMC	
A) 10% AMENITY AREA (I TO R)	171.00 sq.m.
B) AREA UNDER PARKING RESERVATION	100.00 sq.m.
C) 40% OF TRANSPORT NAGAR	22,008.80 sq.m.
TOTAL AREA TO BE HANDED OVER TO KDMC	22,279.80 sq.m.
CONSTRUCTED AREA TO KDMC	6,000.00 sq.m.



30.00 MT. WIDE D.P. ROAD - AREA CALCULATION	
ROAD AREA STATEMENT - 1	
ADDITIONS -	
1. 1/2 X 53.58 X 27.00 =	723.33 SQ.M
2. 1/2 X 52.54 X 12.43 =	321.01 SQ.M
3. 1/2 X 41.29 X 12.30 =	253.93 SQ.M
4. 1/2 X 45.28 X 3.63 =	82.18 SQ.M
5. 1/2 X 92.76 X 19.73 =	915.08 SQ.M
6. 1/2 X 92.76 X 20.32 =	942.44 SQ.M
7. 1/2 X 21.89 X 3.48 =	40.28 SQ.M
8. 1/2 X 16.64 X 4.87 =	40.52 SQ.M
9. 1/2 X 90.63 X 10.42 =	472.18 SQ.M
TOTAL ADDITIONS =	3803.00 SQ.M
NET AREA =	3803.00 SQ.M
ROAD AREA STATEMENT - 2	
ADDITIONS -	
1. 1/2 X 63.58 X 18.44 =	586.22 SQ.M
2. 1/2 X 43.82 X 17.06 =	373.78 SQ.M
TOTAL ADDITIONS =	960.00 SQ.M
NET AREA =	960.00 SQ.M

STAMP OF APPROVAL OF PLANS.

OFFICE OF THE KALYAN DOMBIVI MUNICIPAL CORPORATION, KALYAN.

Building Permit No.: KDMC/TPD/18/16/2018-19/35/205
Date: 28/07/2021

REVISION 3

LAYOUT SHEET NO: 1

ASSISTANT DIRECTOR OF TOWN PLANNING

SANCTIONED

As per ownership document (7/12, 475 extract) 85,220.00
As per measurement sheet. 83,125.00

DEDUCTIONS FOR:

(a) Proposed D.P. Road widening area/Service Road/Highway widening 4,763.00
(b) Any D.P. Reservation area. 100.00
(c) PARKING RESERVATION 100.00
(d) GREEN ZONE 21,530.00

TOTAL (a + b) 26,393.00

BALANCE AREA OF PLOT (1 MINUS 2) 56,732.00

Amenity space (if applicable) 171.00

(a) Required, (1 TO R) = 10% OF 1710 171.00
(b) Adjustment of 20b, if any --

Balanced Proposed 171.00

Deduction for CRZ Area 6,478.00

NET AREA OF PLOT (3 MINUS 4) 50,083.00

Recreational Open Space (if applicable)

(a) Required --
(b) Proposed --

Internal Road area --

Playable area (if applicable) --

Build up area with reference to Basic F.S.I as per front road width. (Sr.No. 6 x basic FSI) (50,083.00 X 1.1) 55,091.30

Addition of FSI on payment of premium.

(a) Maximum Permissible premium FSI based on road width/TOD zone. 50% 27,545.65
(b) Proposed FSI on payment of premium. 17,060.00

In-situ FSI TDR loading 7,539.94

(a) In-situ area against D.P. road/2.0 or as 2(a)/if any 171.00
2306.31 IN NON CRZ & 2056.69 IN CRZ II
2306.31 X 1.10 = 2536.95
2056.69 X 1.10 = 2262.36
TOTAL = 7399.94

(b) In-situ area against Amenity Space (if handed over (2.0 or 1.85 x Sr.no. 40) and (viii)) 171.00

(c) TDR area (Standard rate Letter no. KDMC / NOV / TDR / 164 dated 07-10-2020) 5,886.00

Total In-situ FSI TDR loading proposed (1250+0)+10+0+0 14,006.94

Additional FSI area under Chapter no.7 86,098.26

Total entitlement of FSI in the proposal 1,16,242.49

(a) 10 + 11(b)+12 or 13 whichever is applicable. 86,098.26

CALCULATION FOR ANCILLARY AREA

total entitlement - previously sanctioned area of ABFG (16,098.24 - 35857.83) = 50,340.41

Ancillary area FSI up to 60% with payment of charges. on 50,340.41 = 30,144.25

Total addition for ancillary area 30,144.25

Total entitlement of FSI in proposed (14+15) 1,16,242.49

Maximum utilization of limit of FSI/balancing potential/Permissible as per Road width(as per Regulation no. 6, 1or 6.2 or 6.3 or 6.4 as applicable)(1.6 or 1.8) 430

Total Built-up Area in proposal 84,703.37

a) Built-up Area already sanctioned = 31,416.95
b) Proposed Built-up Area (a+b) 1,16,120.32

Total Proposed Built-up Area (a+b) 1,16,120.32

F.S.I. Consumed (18%) should not be more than sr.no.17 above 232

Area for Inclusive Housing, if any

(a) Required (20% of Sr.no.5) --
(b) Proposed --

TENEMENT STATEMENT

i) NET PERMISSIBLE AREA OF PLOT (ITEM A-16 ABOVE) 1,16,242.49
ii) LESS DEDUCTION OF NON-RESIDENTIAL AREA (SHOPS ETC.) 289.76
iii) AREA AVAILABLE FOR TENEMENTS (1 MINUS 2) 1,15,952.73
iv) TENEMENTS PROPOSED 1205 NOS
v) PROPOSED SHOPS 05
vi) PROPOSED OFFICE --
vii) TENEMENTS EXISTING --
iii) TOTAL TENEMENTS ON THE PLOT 1205 NOS

DESCRIPTION OF PROPOSAL AND PROPERTY

PROPOSED RESIDENTIAL COMPLEX ON PLOT BEARING C.T.S. NO. 1653, C.S.NO. 1550 B & S. NO 17, S.NO. 18, S.NO. 218, AT VILLAGE - SHAHAD, TALUKA - KALYAN, DISTRICT - THANE.

OWNERS NAME:

CENTURY RAYON
P. O. A. HOLDER
MR. K. T. JITHENDRAN
C.E.O.
BIRLA ESTATES

ARCHITECT SIGNATURE

SHOBHANA DESHPANDE
Architect

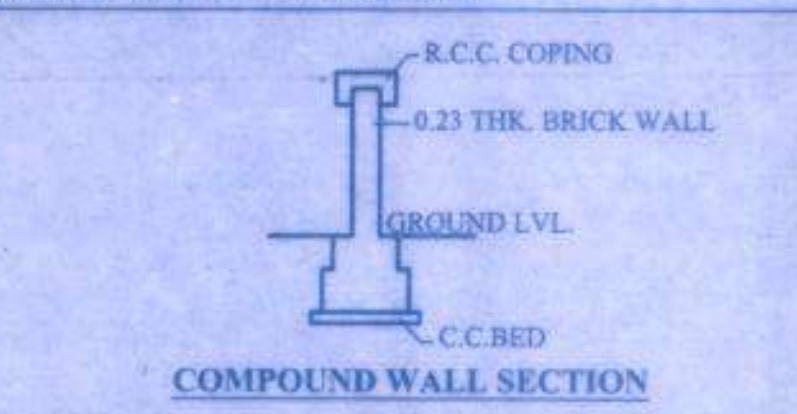
CREATIONS
ARCHITECTS & INTERIOR DESIGNERS
EVEREST TOWER SANTOSH MATTA ROAD,
KALYAN (W) 421301 PH. NO. 0251-2313140

SCALE 1:1000
DATE 18/06/2021
DRN. BY R/HI
CHD. BY SD
JOB. NO. KYN/BLD/263
DRG. NO. LAY/01

APPENDIX-C

THE PLANS PREPARED BY ME ARE IN ACCORDANCE WITH THE NORMS AS SPECIFIED BY INDIAN STANDARD INSTITUTE & I WILL BE HELD RESPONSIBLE FOR ANY HARM CAUSED IN EARTHQUAKE DUE TO NEGLIGENCE OF THE STANDARDS.

ENGINEER'S SIGNATURE





कल्याण डोंबिवली महानगर पालीका, कल्याण.
'अ' प्रभाग क्षेत्र कार्यालय, पाणी पुरवठा विभाग
वडवली गांव रोड, वडवली, कल्याण

जा.क्र.कडोंमपा/पा.पु./अ.प्र/उअ/ १४८

दिनांक :- ०६/०९/२०२२

ना हरकत दाखला

अर्जदार :- मे. सेंचुरी रेयॉन, कु.मु.प.धा.श्री.के.टी.जिथेंद्रन (C.E.O.बिर्ला इस्टेट) यांचे वतीने
आर्कीटेक्ट शोभना देशपांडे

विषय :- पाणी पुरवठा ना हरकत दाखल्या बाबत.

संदर्भ :- १) क्रियेशन्स तर्फे, आर्कीटेक्ट शोभना देशपांडे यांचा दि. २८/१२/२०२१ रोजीचा
अर्ज
२) मौजे शहाड सि.स.नं.१६५३, १५५० ब व ड (स.नं.१६ पै. १६/१/५ पै.
स.नं.१७,१८ व २१८)

संदर्भीय पत्र क्र. १) अन्वये आपण पाणी पुरवठ्या बाबत नाहरकत दाखला अपेक्षिलेला आहे. संदर्भीय
क्र.२) मध्ये नमूद सि.स.नं १६५३, १५५० ब व ड (स.न.१६ पै.१६/१/५ पै. स.नं.१७,१८ व २१८) मौजे
शहाड, ता. कल्याण या भुखंडावर पाणी बिलाची थकबाकी नाही. तसेच आपल्याला आवश्यक असलेले
पाणी उपलब्धते नुसार आपणांस पुरविण्यात येईल.

वरील प्रमाणे आपणांस ना हरकत दाखला देण्यात येत आहे.

उप अभियंता (पा.पु.)
'अ' प्रभाग क्षेत्र,
कल्याण डोंबिवली महानगरपालीका

०६/०९/२०२२

- १) आपण बांधलेल्या गटारीची वेळोवेळी देखभाल, दुरूस्ती व साफसफाई करणे आपल्याला बंधनकारक राहिल.
- १०) आपल्या भुखंडालगत / भुखंडातील असलेल्या नाला अथवा गटार सफाईसाठी मशिनरी ने—आण करण्याकरीता (उदा.पोकलेन, जेसीबी, डंपर इ.) तसेच सफाई कर्मचारी आपल्या संकुलामधुन जाण्यास, संकुलातील रहिवासी भविष्यात कुठलीही हरकत घेणार नाही याबाबत सदनिका धारकाच्या खरेदीखताच्या करासनात्यात तशी अट घालणे आपल्याला बंधनकारक राहिल.
- ११) मशिनरी ने—आण करताना आपल्या संकुलातील कोबा अथवा रस्ता तुटणार / डॅमेज होणार नाही. यासाठी ते उच्च प्रतिच्या कॉक्रीटने अथवा उच्च प्रतिच्या खंडीकरणाने व डांबरीकरणाने करण्यात यावे जेणेकरून संकुलातील रहिवासी कोणत्याही प्रकारची हरकत घेणार नाहीत. कोबा अथवा रस्ता तुटल्यास त्यास महापालिका जबाबदार राहणार नाही.
- १२) आपण बांधलेल्या गटारीवर आपण स्लॅब टाकल्यास सफाईसाठी प्रत्येक ५.०० मीटर अंतरावर २.५० फुट X ३.५० फुट या आकारची हेवीड्युटी लोखंडी फ्रेम व झाकण बसविणे आपल्यावर बंधनकारक राहिल जेणेकरून वाहन गेल्यास ते तुटणार नाही.
- १३) आपण विकसित करित असलेल्या भुखंडावर पाण्याचा निचरा वाहत असल्यास तो इकडील परवानगी शिवाय वळवु अथवा बंद करू नये.
- १४) विकसित करण्यात येत असलेल्या भुखंडाबाबत आपण काही चुकीची माहिती दिली आहे असे निदर्शनास आल्यास सदरची परवानगी रद्द करण्यात येईल व आपणावर योग्य ती कारवाई करण्यात येईल.
- १५) पावसाचे पाणी / सांडपाणी वाहुन नेणा—या गटाराला / नाल्याला बाधित होईल अशा त—हेने कुठल्याही प्रकारचे बांधकाम करण्यात येऊ नये.
- १६) भुखंडाच्या मोकळ्या जागेतुन (Open Space) भविष्यात महापालिकेला नाला अथवा गटार बांधावयाची असल्यास/नाल्याचे अथवा गटारीचे रूंदीकरण करावयाचे असल्यास नाल्यास अथवा गटारीस लागणारी आवश्यक तेवढी जागा महापालिकेला विनामुल्य देणे आपल्याला बंधनकारक राहिल.
- १७) इमारतीचे बांधकाम पुर्ण केल्यावर त्यावेळी या विभागाचा स्वतंत्र ना हरकत दाखला घेणे आपल्याला बंधनकारक राहिल.
- १८) आपल्या भुखंडात रेन हार्वेस्टिंगचे आवश्यक ती उपाययोजना करणे आपल्याला बंधनकारक राहिल.
- १९) आपल्या भुखंडात माती भरणी केल्याने भुखंडासभोवताली पावसाचे पाणी / सांडपाणी साचुन रहात असेल तर त्या पावसाचे पाणी / सांडपाणीचे निचरा होणेसाठी आवश्यक गटार बांधणेची जबाबदारी आपली राहिल.

वरीलपैकी कोणत्याही अटी व शर्तीच्या भंग केल्यास महाराष्ट्र महानगरपालिका अधिनियम १९४९ मधील तरतुदीनुसार आपल्यावर कारवाई करण्यात येईल व सदरचा ना हरकत दाखला आपोआप रद्द होईल. याबाबत आपणास वेगळे पत्र दिले जाणार नाही.


(बबन बरफ)

प्र.कार्यकारी अभियंता (जनि:),
कल्याण डोंबिवली महानगरपालिका,
कल्याण

प्रत:—सहायक संचालक/नगररचना विभाग कडोमपा,कल्याण यांचे माहितीस्तव व पुढील योग्य कार्यवाहीस्तव सादर.

Kalyan Dombivli Municipal Corporation

Fire & Emergency Service

Phone : 2310155 / 2315101 / 2365101 / 2470357 / 2400447

KDMC/FIRE/HQ/ 120190000**0108**

Date : 16/01/2019

To,
The Assistant Town Planner,
 Kalyan Dombivli Municipal Corporation,
KALYAN.

Subject: Grant of provisional NOC stipulating Fire Protection & Fire Fighting requirements to construct 7 residential buildings, Bldg. Type A, B, C, D, E, F & G, St + 6 floor Podium + 1st to 23rd residential floors, on Land Bearing C.T.S.No. 1653, 1550 B, D, (S.No. 16/1pt, 1/5pt) S.No. 17, 18 & 218, Mouje: Shahad, Tal. Kalyan, Dist. Thane.

Ref.: 1] Application from Architect- Sou. Shobhana Deshpande.
 2] P.O.A. Holder: Shri. K. T. Jitendran C.E.O. Birla Estates.
 3] KDMC/NRV/BP/KYN-DIV/2018-19/35 Dt. 29/10/2018 Cc.
 4] Site Visit: 10/12/2018

Dear Sir,

Architects proposal of construct 7 residential buildings, Bldg. Type A, B, C, D, E, F & G, St + 6 floor Podium + 1st to 23rd residential floors, on Land Bearing C.T.S.No. 1653, 1550 B, D, (S.No. 16/1pt, 1/5pt) S.No. 17, 18 & 218, Mouje: Shahad, Tal. Kalyan, Dist. Thane.

Total built-up area is 66908.21 sq.mtr.

Architectural sanction plans and proposed plans of building are referred to the Chief Fire Officer, Fire & Emergency services of Kalyan Dombivli Municipal Corporation, Kalyan for advice on the Fire Protection & Fire Fighting majors to be recommended in the building by an architect.

These plans scrutinized by this department as per existing bye laws from the point of the safety and means of escape, while scrutinizing these plans by Fire & Emergency services following things are observe.

OBSERVATION & DIRECTIVES :

- 1) Net Plot area under reference is **83125.00** sq.mts.
- 2) The said plot is approachable by **12 mtr. internal access** from **30 mtr. Dp road.**
- 3) As per KDMC DC rule adequate open spaces are proposed around the building. Dept.suggestions are given.
- 4) **2 enclosed** staircases having the width of **1.5 mtr.** from ground level to terrace level are shown in each type of proposed buildings. Staircase location is accpatable. **Suggestions are given as per KDMC DCR clause No. 140, 144 & 148(ii).**
- 5) 9m wide ramp from ground level to 6th podium level floor are shown in the plan for vechicle movement and Fire Tender movement.

6) The building height and built up area

Building Type	Municipal Built up Area Sq.mtr.	Height Mts.
A	8801.87	89.40
B	10355.73	89.40
C	10319.86	89.40
D	10410.26	89.40
E	10320.26	89.40
F	7898.36	89.40
G	8801.87	89.40
Total	66908.21	

- 7) **4 passenger** lifts from ground level to terrace level are shown in the proposed each type of residential buildings. **Suggestions are given.**
- 8) Refuge areas are marked on the plan at 2nd, 7th, 12th, 17th & 22nd floor. Refuge area location and provided area is acceptable. **Suggestions are given.**
- 9) Location of transformer, generator room, meter room, & other electrical gadgets are marked on the plan.
- 10) **Under Ground Fire Fighting Water Tank & Fire Pump Room** are shown on the plan.

Considering the above situation and discussion with architect following fire prevention & fire protection majors are recommended in the proposed buildings.

Main road / D.P. road:

- 1) The said plot is approachable by **12 mtr. internal access** from **30 mtr. Dp road.** No suggestions.

Entry Gates :

Minimum **2** entry gates are proposed for the building. The height clearance & width of these gates shall be minimum **6 mtrs. (If gate provides)**

Height:

As per prevailing DC Rules of KDMC.

OPEN SPACE :

Though this department suggest the requirement of marginal open space as per prevailing DC Rules of component authority.

But in any case open spacs on all its sides shall not be less than clear **9 meters width**, with each **turning radios of mimimum 12 meters** for fire tender movement.

The same shall be on hard surface capable of taking the mass of fire tender, weighing up to 45t minimum. Which shall be kept free of obstructions and shall be motorable. The compulsory open spaces around the building shall not be used for parking.

In this compulsory open space, no any projections/podium etc of the building **upto 6 mtrs. height from ground level.** (Garden, Tree, Parking, Pump Room or any construction is not permitted in compulsory minimum open space).



COURT YARDS:

- 1) Available Courtyards on all the sides of the building shall be paved suitably to bear the load of fire engines weighing up to 45 m. tones each.
- 2) All the courtyards shall be in one plane.
- 3) Courtyards shall be kept free from obstructions at all times.
- 4) The Courtyards shall be kept free from obstructions at all times.
- 5) Astro turf etc. shall not be permitted in the courtyard.

STILT/GROUND / PARKING:

- 1) Sides of car parking shall not be enclosed except for parapet walls.
- 2) Drive ways shall be properly marked and maintained unobstructed.
- 3) Appropriate illuminated signage's for escape routes shall be provided at prominent locations.

PODIUM:

1. Following requirements shall be satisfied for buildings constructed on podium if podium is accessible to fire rescue vehicle (TTL):
 - a) A podium may be permitted in a plot of area 1500 m² or more.
 - b) A podium if provided with ramp may be permitted in one or more levels, however the total height shall not be exceed 30.0 m above ground level.
 - c) Minimum 7.5 m. wide ramp with 9.0 m. width turning shall be provided with maximum slope of 1 in 10.
 - d) After a 40 m. length of continyous ramp a flat surface of minimum 6.0 m. length shall preferably be provided.
 - e) Podium, shall be so designed so as to take load of fire vehicles weighing up to 50 t minimum.
2. If podium is not accessible by fire vehicles, the podium may be such that it is not extended beyond the building footprint to an extent more than 6.0 m. But in any case **at least 2 side of building line** should be touches to Podium line to get easy entry in building in case of emergency.

Means of escape :

- **2 enclosed** staircases having the width of **1.5 mtr.** from ground level to terrace level are provided.
- 6m wide ramp from ground level to 6th podium level floor are shown in the plan for vehicles movement and Fire Tender movement..
- Staircases of building should be remote from each other and at least one of them shall be on external walls of buildings and shall open directly to the exterior open space or to an open place of safety.
(See KDMC DC Rule clause 140, 144, 148(ii) & 149, and NBC-2016 Part IV)
- Treads & risers of the each building is as per existing bye-laws.
- Staircase of proposed each building allows movement of fresh air.
- One staircase should be pressurized.

Suggestions:

- Travel Distance between the staircase & Exits should be maintained as per Clause No. 140 of DC Rule of KDMC.
- Fire escape constructed of M.S. angels are not permitted.
- Opening of the Fire Escape Staircase should be from outside.



- Fire Escape staircase should be enclosed type. These should always be kept in sound operable condition.
- Existing door shall open outwards, that is always from the room, but shall not obstruct the travel along any exit.
- Fire Escape Staircase shall be directly connected to the ground.
- Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
- Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
- The route to the external staircase shall be free of obstructions at all times.
- The Fire Escape stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.
- No Staircase, used as a fire escape, shall be inclined at an angle greater than 45 from the horizontal.
- **2 hours fire resistance fire doors with good quality door closer adhering to IS 3614(Part-II):1992 (Reaffirmed 2002) should be provided at each escape route, and for the same the test certificate and 'A' Certificate from Licensing Agency authorized by Director of Maharashtra Fire Services shall be attached at the time of final Noc. (Particularly at the entrance to lift lobby and stair well, Refuge Room, Electric Duct)**

Means of entry:

- **4 Passenger lifts** for each type of residential building are provided.
- All these lifts should be detached from each other.
- The lifts of the building are of high speed in Nature.
- **One lift** in each building shall be nomenclature as a "Fire Lift".

Suggestions:

- If building height goes above 45 m. then provide **1 Stretcher lift** instead of all passenger lifts.
- Planning & Design of the lifts shall be in accordance with the latest National Building Code 2016
- Lifts of the building are to be provided with automatic steel doors for lift cars & landings.
- All passenger lifts in the building shall be equipped with fireman's switch for grounding it in the event of fire, and it is inter connected to fire alarm system.
- The Fire Lift shall have floor area not less than 1.4 Sq. Mts. It shall have loading capacity of not less than 560 Kg. (8 person Lift) residential building & as per lift norms for commercial building with automatic closing doors of minimum 0.8 m. width.
- Fire fighting lift should be provided with a ceiling hatch for the use in case of emergency. So that when lift car gates stuck up, it shall be easily openable.
- Walls of each lift enclosure shall have fire resistance of not less than 2 hours. Separating wall of 2 hours fire resistance railing shall be provided between the lift shafts.
- Lift car doors shall have fire resistance of 2 hours.
- Fire lift of the building shall be conspicuously painted with fluorescent paint on all landing doors of fire lift.
- Fire lift of the building can however be used for the purposes under normal conditions.



- Lift motor room shall be located preferably on top of the shaft and separated from the shaft by the floor of the room.
- Collapsible gates shall not be permitted for lifts and shall have solid doors with fire resistance of at least 1 hrs.
- Lifts shall not normally communicate with the basement; if, however, lifts are in communication, the lift lobby of the basements shall be pressurized, with self-closing door.
- Grounding switch (es), at ground floor level, shall be provided on all the lifts to enable the fire service to ground the lift.
- Telephone or other communication facilities shall be provided in lift cars shall be provided. Communication system for lifts shall be connected to fire control room of the building.
- Suitable arrangements such as providing slope in the floor of lift lobby, shall be made to prevent water used during fire fighting, etc. at and landing from entering the lift shafts.
- A sign shall be posted and maintained on every floor at or near the lift indicating that in case of fire, occupants shall use the stairs unless instructed otherwise. The sign shall also contain a plan for each floor showing the locations of the stairways.
- Fire fighting lift should be provided with a ceiling hatch for use in case of emergency, so that when the car gets stuck up, it shall be easily open able.
- In case of failure of normal electric supply, it shall automatically trip over to alternate supply. For apartment houses, this changeover of supply could be done through manually operated changeover switch. Alternatively, the lift shall be so wired that in case of power failure, it comes down at the ground level and comes to stand-still with door open.
- It must be ensured that, power cables to fire lift are laid along the route, which is fire safe.
- Power supply to fire lift must be automatically trip over type to the alternate source at power supply in the event of failure of normal power supply.
- The word '**Fire Lift**' shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level.
- The speed of the fire lift shall be such that it can reach the top floor from ground level within **1 min.**

Refuge Area:

As per DC Rule Of KDMC, buildings more than 15 mtrs. in height refuge area of 15 Sq. mtrs. Or an area equivalent to 0.3 Sq. mtrrs. per person to accommodate the occupants of two consecutive floors, whichever is higher shall be provided for proposed each buildings and should be easily assessable for Fire Brigade Vehicles.

- A) One refuge area on the floor immediately above 16 M.
- B) For floors above 24 Mts. & up to 36 Mts. One refuge area on the floor immediately above 24 Mts.
- C) For floors above 36 Mts. One refuge area on the floor immediately above 36 Mrs. And so on after every five floors above 36 mtrs. shall be provided.



- Provided refuge area location is acceptable to dept. subject to **provide minimum marginal distance of 12.0 M where ever Refuge areas are provided** for operation of TFL vehicle at refuge area side.

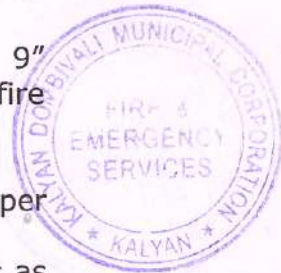
As well as open terrace of the building shall be treated as a refuse areas in case of emergency and same shall be comply with the following suggestions.

- **2 hours fire resistance fire doors with good quality door closer should be provided to Refuge Room.**
- **NOTE: Refuge area provided in excess of the requirements shall be counted towards FAR.**

Suggestions:

Following suggestions are recommended for the propose refuge area:

- Each refuge area shall be ventilated and provided with first aid box, fire extinguishers, public address speaker, fire man talk back, and adequate emergency lighting as well as drinking water facility.
- The layout of refuge area shall not be changed / modified at any time in future.
- Refuge area shall be segregated by brick masonry partition wall of 9" thickness & access to the refuge area shall be gained through 2 hours fire resistant self-closing door.
- Lifts & / or open type staircases shall not be open into refuge area.
- Clear height of the refuge areas below the beam/drop paradi shall be as per existing by-laws.
- The refuge areas shall be ear-marked exclusively for the use of occupants as a temporary shelter & for the user of fire brigade department & any other organization dealing with fire or other emergencies when occurs in the building & also for exercise / drills if conducted by the fire brigade department.
- The refuge area shall not be allowed to be used for any other purposes & it shall be responsibility of the owner / occupier to maintain the same clean & free of encumbrances & encroachment at all times.
- A prominent sign bearing the words "Refuge Area" shall be installed at the entry of the refuge area and also containing information about the location of refuge areas on the floors above and below this floor. The same signage shall also be conspicuously located within the refuge area.
- Refuge areas shall be approachable from the space they serve by an accessible means of egress.
- The refuge area shall always be kept clear. No storage of combustible products and materials, electrical and mechanical equipments, etc shall be allowed in such areas.
- Refuge area shall be provided with adequate drainage facility to maintain efficient storm water disposal.
- Entire refuge area shall be provided with sprinklers.
- Where there is a difference in level between connected areas for horizontal exits, ramps of slope not steeper than 1 in 12 shall be provided. (and steps should be avoided)



Electrical Installation:

Location of the substation marked on the plan. The location of D.G. set room & electrical meter room should mark on the plan, and before finalizing the D.G room & meter room, a clearance from the fire brigade is to be taken separately.

General recommendations from the point of fire safety for electrical installations are as follows:

- Electrical meter room and power bank is not permitted below staircase at ground floor. It should be provided in separate room.
- The electric distribution cables/wiring shall be laid in a separate shaft. The shaft shall be sealed at every floor with fire stop materials having the fire resistance as that of floor. (non-combustible material such as vermiculite concrete).
- For requirements regarding electrical installations from the point of view of fire safety reference may be made to good practice [4(6)] and part 8 'Building Services, Section 2 Electrical and Allied Installations' of the National Building Code 2016.
- Water mains, telephone lines, inter-com lines or any other service line shall not be laid in the duct for electric cables.
- Separate circuits for water pumps, lifts, staircases & corridor lighting shall be provided directly from the switch gear panel & these circuits shall be laid in separate conduit pipes so that, fire in one circuit will not affect the others. Master switches controlling essential services circuits shall be clearly labeled.
- Medium & low voltage wiring running in shaft & if it is in the false ceiling it shall run in metal conduct.
- Electric cable shafts shall be exclusively used for electric cables and shall not open in the staircase enclosure.
- Electric meter rooms shall be provided at stilt floor level. They shall be adequately ventilated.
- Electric shafts shall be sealed at each floor level with non-combustible material such as vermiculite concrete.
- Inspection door for the shaft if provided shall have two hours fire resistance.
- Escape route lighting (staircase, & corridor lights) shall be on independent circuits as per rules.
- Staircase and corridor lighting shall also be connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains.

A stand-by electric generator shall be installed to supply power to staircase and corridor lighting circuits, fire lifts, the stand-by fire pump, pressurization fans and blowers, smoke extraction and damper systems in case of failure of normal electric supply.

ACTIVE FIRE PROTECTION REQUIRED FOR RESIDENTIAL TOWERS & COMMERCIAL BUILDING AS PER PART IV TABLE -7 OF SP-7: NBC- 2016:

Fire Duct:

1 fire duct with glass door shall be provided at each floor level of each building landings/midlandings of enclosed staircase. The size of duct should be as per multi stage multi outlet riser system.(Low level Hydrant & Sprinkler and drian riser, and High level Hydrant& Sprinkler and drian riser.)



Wet- Riser:

As per multi stage multi out let pump design, riser should be provided for Hydrant system & Sprinkler system and drain-system for each Type of building separately. G.I. 'C' Class pipe preferably Tata, Jindal, Zenith make from pump room to terrace level water tank adjoining the staircase/ in the fire duct with hydrant for outlet & hose reel on each floor in such a way as not to reduce the width of corridor. Pressure reducing discs or orifices shall be provided at lower level so as not to exceed pressure of 5.5 Kgs/cm². A fire service inlet on the external face of the building near the static tank directly fronting the courtyard shall be provided to connect the mobile pump of fire service to the wet riser, non return valve, Air valve, main valve & other subsequent valve, measures should be taken. All buildings riser should be connected with ring main.

Hydrant valve/ Landing valves:

Twin (Type B) Hydrant valves/ Landing valves of 63 mm dia. shall be provided on each floor & each hydrant riser of residential building.

Hose Reel hose:

Type II Hose Reel hose with jet & spray multipurpose Nozzle conforming to IS: 884: 1985 not less than 30 Mtrs. shall be provided on each floor & each riser & podium car parking area.

Hose Boxes:

Near every Hydrant valve/ Landing valves, hose boxes to be provided. Each box shall be equipped with 2 x 15 meter length of 63 mm rubber line hose along with standard branch pipe, for residential building. It shall conform to latest IS code 636 & 903 respectively for each wing.

Fire Service Inlet:

Four ways fire service inlet with hydrant valve outlet should be provided to residential building main gate at ground level & it should be accessible for fire service personnel for easy operation.

Ring main & External Hydrants:

Lower level of building and each podium level of building, external hydrants shall be provided within the confines of the site on the wet riser at the distance 25 mtrs. from each other. The underground periphery ring main of the compound 150 mm dia. G.I. 'c' class with necessary coating & warping. Wet riser outlet at a distance of 25 mtr. shall be provided on periphery of all car parking floors to cover the fire risk at all floor level.

Automatic Fire Sprinkler System:

It's a High rise residential building, taking in to account of the local firefighting facility and NBC-2016 Part IV, automatic sprinklers with flow switches on every floor shall be installed in common lobby as well as in each habitable room and whole of the building.

Automatic Smoke/ Heat Detector System:

It's a High rise residential building, taking in to account of the local firefighting facility and NBC-2016 Part IV, automatic smoke/heat detectors shall be install in common lobby and whole of the building.



Where ever falls ceiling is there below & above detector should be provided.

Overhead (Terrace) Water Storage Tank:

25000 Ltrs. capacity overhead (terrace) water storage tank for each building separately **exclusively for firefighting** purpose only. The design & layout of this tank shall be got approved from concerned department prior to its erection. The tank shall be connected to wet riser through a booster pump through N.R. Valve & Gate Valve.

Underground water storage tank:

An underground water storage tank of water capacity **700000 Ltrs.** **exclusively for firefighting purpose** at ground level, as per the design specified in the rules with baffle walls & fire brigade collecting breaching. Underground tank shall be connected to wet risers & court yard hydrant system with fire pump.

Fire Pump & Booster Pump:

- a. **As per multi-stage multi-outlet 2 No. electric driven and 1 No. diesel driven fire fighting pumps** at underground water storage tank Pump Room of capacity not less than **3200 LPM** capable of giving pressure of not less than **3.5 Kg/cm²** at terrace level and **2 electric pump** of capacity **240 LPM** should be provided. (Kirloskar/Crompton or equivalent make) [Total 3 Pump sets should be provided and it should be interconnected to each other.]
- b. **Diesel pump is must. Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.**
- c. Installation of negative suction arrangement and submersible pumps not be allowed.
- d. Booster pump on terrace level of Kirloskar/Crompton or equivalent make electrical driven of capacity **900 LPM. (20 HP)** giving a pressure of not less than **3.5 Kg/cm** at top most hydrant with **ISI mark Electrical auto starter at ground floor as on terrace level and at 2 to 3 alternate above floor also.**
- e. Electric supply (normal) to these pumps shall be on independent circuits.

Portable Fire Extinguishers:

ABC type & Co2 type Fire Extinguishers shall be provided at strategic location

- 1) 2 Nos of CO2. type fire extinguishers of 4.5 kg. capacity for each residential building near electric meter room, lift machine room . And 2 nos on every podium floor level and commercial part of building if any.
- 2) Buckets filled with dry clean sand- 6 Nos. for each type of buildings. ABC type fire extinguishers of 6 kgs. capacity having IS mark shall be spread over in the each level of car parking area & 1 No. on each floor and 1 No. in staircase of the building.

Fire Alarm with P.A. System:

Two Nos. glass break type good sound, Manual Operated Call Point with P.A. and talk back facility should be provided on each floor near staircase of residential floor as well as commercial floor also.



The layout of fire alarm system shall be in accordance with IS Specification, and it should get approved from this department before installation. (MCP should not be concealed)

SIGNAGES:

Self glowing / fluorescent colour signages like exit, refuge area, refuge floor, fire duct. etc. in green color shall be provided showing the means of escape for the entire building, as well as on car parking area.

Fire Control Room :

Proposed residential building should have a control room on entrance floor of the building with communication system (suitable public address system) to all floors and facilities for receiving the message from different floors. Details of all floor plans along with the details of firefighting equipment and installations shall be maintained in the fire control room. The fire control room shall also have facilities to detect the fire on any floor through indicator board's connection; fire detection and alarm systems on all floors. The fire staff in charge of the fire control room shall be responsible for the maintenance of the various services and firefighting equipment and installations in co-ordination with security, electrical and civil staff of the building.

QUALIFIED FIRE OFFICER:

A qualified full time officer with experience of not less than three years shall be appointed who will be available on the premises at all times. Alternative full time qualified officer working in shift duty shall be placed round the clock on the premises who will be responsible for the following.

- a) Maintenance of all the firefighting equipment fixed installations be carried out all the times.
- b) Imparting training to the occupants of the building for the use of firefighting equipment provided on the premises and keep them informed about the fire and other emergency evacuation procedure.
- c) To liaise with the city fire brigade on regular and continual basis.



The drawing of total active fire protection system along with pumping arrangement & sprinkler system shall be get approved from this department before commencement of the work.

The Architect & Developer shall strictly adhere to the requirements given in this Provisional NOC by this Department to be complied.

General Requirements and Conditions for the fire and life safety of the buildings

- 1) Inflammable / Explosive storages are prohibited in the basement or in building.
- 2) All materials to be used of ISI make.

- 3) After completion of the building civil work prior Approval of undersigned should be taken before commencement of Fire Fighting Work and list of material.
- 4) The entire system must be painted with post box RED in color.
- 5) If any documents attached with this proposal are illegal or misguided the NOC will be considered as the applicant/Land owner /Developer will hold cancelled and overall responsibility for any consequence.
- 6) All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
- 7) It shall be ensured that security staffs of the building are trained in handling fire fighting equipments & fire fighting.
- 8) Cautionary boards such as "**Danger**", "**No Smoking**", "**Exit**", "**Fire Escape**", "**Extinguishers**", "**Hydrant**", "**Manual Call Point**" etc. should be displayed on the Strategic location to guide the occupants in case of emergency. The signs should be of florescent type and should glow in Darkness.
- 9) The Fire Exit Drill or Evacuation Drill should be planed & instruction should be given to the staff minimum **four times in a year** and drill should be carried out twice in a year
- 10) Interconnectivity between fire water tank & Domestic water tank should be provided so that during emergency the stores water in domestic water tank can be utilized for fire fighting.
- 11) All the fire fighting systems drawing / layout should be approved from the Chief Fie Officer, KDMC, before starting any work.
- 12) In case of emergency, the alternate power supply should be provided for the Fire Pumps, Fire Lifts etc. **The Certificate from electric engineer regarding this should be provided at the time of Final NOC.**
- 13) **Fire fighting work must be carried out by licensing agencys authorized by Director of Maharashtra Fire Services only.**
- 14) **The developer should give "Hamipatra" to keeping the fire system in good and efficient condition.**
- 15) The provision of Ring hydrant/Court yard hydrant system should be provided to entire complex. The distance between two hydrants should not be more than 25 Mtrs
- 16) As per the D.C. Rules requirement all the marginal open spaces around the building should be kept open and obstruction free for easy mobility of fire engines.
- 17) Telephone numbers of "**Responsible persons of the office**", "**Fire Brigade**", "**Hospital**" "**Police**", "**Doctors**", should be displayed on the board. This board should be displayed on prominent place. Preferably at the Fire Control Room, security office and in Reception area.
- 18) All other provisions of D.C. Rules of Kalyan Dombivali Municipal Corporation & National Building Code of India-2005 & Maharashtra Fire Prevention & Life Safety measures Act, 2006 should be strictly adhered.
- 19) **The plans of the proposed building should be approved by the competent authority of Kalyan Dombivali Municipal Corporation.**
- 20) Permission from Civil Aviation should be obtained for the maximum height of the building with reference to Navi Mumbai airport if required.
- 21) Portable rescue chute should be provided in Refuge area or in Fire escape walls for easy evacuation of occupants in case of Emergency.



- 22) All internal furniture and fixtures used for the building should be fire resistance type and it should not give toxic fumes and smoke in case involved in fire. It should have minimum Two hours Fire Resistance .
- 23) The Glassing and façade other Glasses should have at least one hour fire resistance and should be UL approved and in accordance with NFPA requirements.
- 24) The glass faced should be protected with coating film so that in case breaking of glass the glass can remain in its place for some hours before replacement. This will reduce the risk of injuries to occupant and fire & rescue personal. In the event of blast the shock wave created which created the damage to glass faced the use of film will help to reduce the damages due to glass breaking.

Regular Training and Maintenance of these systems should be carried out by the **housing society/ builders**. As per provisions made in Maharashtra Fire Prevention And Life Safety Act 2006.

Considering this situation, above fire prevention & fire protection majors are recommended in the proposed buildings up to height mentioned in this provisional NOC only. If Architect/Developer makes any changes in height, area or location the above fire preventive majors, refuge area, staircase location, side margin etc. will change. And according to that the revised provisional NOC will be issued.

This is a "**Provisional No Objection Certificate**", After providing the above fire prevention and fire protection system and compliance of above recommendations the inspection of the fire prevention and fire protection arrangements will be carried out and after satisfactory inspection "**Final No Objection Certificate**" will be issued to your building for obtaining final occupancy certificate from Kalyan Dombivli Municipal Corporation.

This provisional NOC conditions are valid for the period of one year. The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the subject mention building.

Please contacts authorities when & where required for these purpose.

If any additional requirement is suggested by fire department Party have also agree to comply the same.

Capitation Fee Rs. 13,81,830/- Paid By Receipt No. 60002 Dt. 16/01/2019

Capitation Fee Rs. 25,01,418/- Paid By Receipt No. 60017 Dt.16/01/2019




Chief Fire Officer
Fire & Emergency services
Kalyan Dombivli Municipal Corporation

Copy to :- Architect/Developer:-

Date: 26/08/2021.

To,
The Member Secretary,
SEAC II, Environment Department,
New Administrative Building
15th Floor, Mantralaya, Mumbai.

Subject: Amendment in Environment Clearance for Proposed expansion in Residential development with convenience facilities to residents and KDMC component at C.S. No. 1653, 1550 B & D, S. No. 17, 18 and 218 at village - Shahad, Kalyan, dist. Thane, Maharashtra.

This is to certify that out of the total construction area of 1,54,168 sq.m. as per earlier Environmental Clearance granted vide letter no. SEIAA-EC-0000001440; dtd. 26th March 2019, the total constructed area on site is 70457.20 Sq. m.

Status of Construction at Site as on date is as follows:

Building Name	Site Progress till date			
	FSI Area (Sq.m.)	Non FSI Area (Sq.m.)	Total (Sq.m.)	Building configuration
Residential Tower-A	9191.59	6763.19	15954.78	St + 6 podiums (parking + amenity) + 1st to 23 rd floor)
Residential Tower-B	10402.17	6298.85	16701.02	St (p) + ground (p) + 6 podiums(parking + residential) + 1st to 23rd floor)
Residential Tower-C	1657.71	2534.03	4191.74	St (p) + ground (p) + 6 podiums (parking + residential)
Residential Tower-D	1949.24	2593.20	4542.44	St (p) + ground (p) + 6 podiums (parking residential) + 60% of 1st slab
Residential Tower-E	1590.84	2600.90	4191.74	St (p) + ground (p) + 6 podiums (parking + residential)
Residential Tower-F	6007.39	4912.55	10919.94	St+6 podiums (parking + residential) + 1st to 17th floor
Residential Tower-G	6937.56	6363.32	13300.88	St + 6 podiums (parking) + 1st to 18 th floor
Podium area	-	-	-	
Clubhouse	-	-	-	
KDMC Non-Residential 1	-	-	-	
KDMC Non-Residential 2	0	654.66	654.66	Ground
Total	37736.50	32720.70	70457.20	

This is to certify that the work executed on site till date is as sanctioned in EC dated 26th March 2019.

This certificate is issued for submission to SEAC-II for confirming construction status only.

Yours Faithfully,

Ar. Shobhana Deshpande.
(Reg No. CA/ 87/10647)

For CREATIONS



Environmental Management Plan

During Construction Phase:

Environment Protection Measures	Capital Cost (in Lakh)	O & M cost (Rs. in Lakh/year)
Waste Management	4.00	0.40
Toilets for labour + drinking water + first aid arrangement	7.00	0.70
Total	11.00	1.10

During Operation Phase:

Environment Protection Measures	Capital Cost (in Lakh)	O & M cost (Rs. in Lakh/year)
Sewage treatment plant	212.68	14.90
Solid waste Management	52.48	12.30
Rainwater Harvesting	220.50	10.85
Green Belt & Landscaping	1584.00	31.68
Energy saving Measures	328.81	31.88
Firefighting	2323.20	232.32
Environmental Monitoring	7.35	1.10
Total	4729.02	345.03

Energy Saving Measures

- Use of Solar energy for street & landscape lighting
- Use of energy efficient pumps and motors
- Use of transformers with load and no load losses in compliance with ECBC
- Use of LED lighting fixtures for internal common areas, parking, landscape and street lighting
- Use of timer-based/sensor based on-off controls for common area lighting.
- Use of VFD driven lifts
- Solar water heater (one toilet for each apartment)
- Overall energy saving: 18 %
- Renewable energy (solar): 5.4 %

Energy Saving Calculation:

Sr. No.	Description	Per day unit consumption	Saving percentage	Per day unit consumption with savings	Savings in units
A. RESIDENTIAL					
A	Savings due to lamp				
1.0	Common area lighting	811.42	35.00	527.42	284.00
2.0	Street lighting / landscape lighting	141.44	35.00	91.94	49.51
3.0	Apt lighting app - 0.75 KW - CFL	7,188.00	35.00	4,672.20	2,515.80
B	Savings due to electronic ballast				
1.0	Common area lighting	811.42	18.00	665.36	146.06
2.0	Street lighting / landscape lighting	141.44	18.00	115.98	25.46
3.0	Apt lighting app - 0.75 KW - CFL	7,188.00	18.00	5,894.16	1,293.84
C	Savings due to use of VFD driven LIFTS @ 25% minimum	4,928.00	25.00	3,696.00	1,232.00
D	Savings due to Energy Efficient HVAC system in Club House	376.00	25.00	282.00	94.00
	Therefore Average KWH/Day Saving:				5,640.66

	Therefore Average KWH/Annum Saving:				20,58,839.95
	Overall % energy savings for the project				20 %

Sr. No.	Description	Per day unit consumption	Saving percentage	Per day unit consumption with savings	Savings in units
B. COMMERCIAL					
A	Savings due to lamp				
1.0	Common area Ltg - 2.1A to 2.1C	52.50	35.00	34.13	18.38
2.0	Compound/St. Ltg. - 2.4A to 2.4C	70.00	35.00	45.50	24.50
3.0	Offices & shop - Lighting (49nos)	928.80	35.00	603.72	325.08
B	Savings due to electronic ballast			-	-
1.0	Common area Ltg - 2.1A to 2.1C	52.50	18.00	43.05	9.45
2.0	Compound/St. Ltg. - 2.4A to 2.4C	70.00	18.00	57.40	12.60
3.0	Offices - Lighting (49nos)	928.80	18.00	761.62	167.18
C	Savings due to timer / sensor				
D	Savings due to Using of Energy Efficient HVAC system				
	Office internal HVAC load - 219KW	3,124.80	-	3,124.80	-
	Common area HVAC Load - 10KW	80.00	-	80.00	-
	Therefore Average KWH/Day Saving:				557.19
	Therefore Average KWH/Year Saving:				2,03,373.99
	THEREFORE AVERAGE ANNUAL ENERGY SAVINGS IN %:				9%

Summary of Energy Savings:

	Particular	Residential	Commercial	Total
1.	Average KWH/Day Consumption	27,872.40	6,348.90	34,221.30
2.	Average KWH/Day Saving	5,640.66	557.19	6,197.85
1.	Average KWH/Day Consumption	1,01,73,425.18	23,17,348.50	1,24,90,773.68
2.	Average KWH/Day Saving	20,58,839.95	2,03,373.99	22,62,213.93
	Percentage savings			18%

Summary of Energy Savings by Solar:

% of Renewable Source of Energy by Solar System		
1.	Total KHW / year	10173425
2.	Energy saved by renewable source of energy by way of Solar PV & Solar Hot water system	552858
3.	Energy saved by renewable source of energy in % compare to total energy saved	5.4%

Medical Facility: Birla Vanya, Kalyan



- There is First-Aid Center at Site which is actively operated by the Principal Contractor.
- Doctor facility is also available at site
- Weekly & Monthly Medical Camp are organized for BP, Malaria, Dengue & HIV identification

Ambulance: Birla Vanya, Kalyan



24 hours & 7 days ambulance service provided at site with tie up at local hospital at less than 1 km.

Labor Camp: Birla Vanya, Kalyan



SHAPORJI PALLONI CO. PVT. LTD.
STATUS OF LABOUR CAMP

Sl. No.	Particulars	Area (Sq. Ft.)	Area (Sq. Mtr.)	Water Point	Fire Extinguisher	Hand Wash	Total
01	ENTRANCE	08	08				16
02	WATER TAP						08
03	WATER POINT						04
04	WATER POINT						04
05	WATER POINT						04
06	WATER POINT						04
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100	WATER POINT						04

WATER TAP
 CLEANING BY
 20-10-2019
 NEXT CLEANING
 04-11-2019

Labor Camp Sanitation Facility: Birla Vanya, Kalyan



DG at site: Birla Vanya, Kalyan

Capacity of DG is 125 KVA



- For construction power, four DG's are installed at site to cater to a running electrical load of 550 KVA
- Capacity of all DG is 125 KVA respectively.



DG SET 500 KVA

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
Government of Maharashtra

Date : **03/04/2024**
Time : **09:30:36 AM**
Validity upto : **02/10/2024**



Certificate SL. No. : MH00302480007847
Registration No. : MH04GC9435
Date of Registration : 07/Oct/2013
Month & Year of Manufacturing : August-2013
Valid Mobile Number : *****6767
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : MH0030248
GSTIN :
Fees : Rs.150.00
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	2.45	0.52
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

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

Government of Maharashtra

Date : 01/02/2024

Time : 18:10:26 PM

Validity upto : 31/01/2025



Certificate SL. No. : MH00501080048006
 Registration No. : 23BH7491A
 Date of Registration : 07/Feb/2023
 Month & Year of Manufacturing : October-2022
 Valid Mobile Number : *****5602
 Emission Norms : BHARAT STAGE VI
 Fuel : PETROL
 PUC Code : MH0050108
 GSTIN :
 Fees : Rs.125.00
 (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 (%)	0.3	0.0
	Hydrocarbon, (THC/HC)	ppm	200.0	0.0
High idling emissions	CO	percentage (%)	0.2	0.0
	RPM	RPM	2500 ± 200	2420.0
	Lambda	-	1 ± 0.03	1.02
Smoke Density	Light absorption coefficient	1/metre		

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

M/s. SHREE SAI PUC CENTRE
 Opp. Snehanjali,
 Murbad Road, Kalyan (W)

Form 59
[See rules 115 (2)]

Pollution Under Control Certificate
 Authorised By :
 Government of Maharashtra

Date : 02/05/2024
 Time : 13:38:37 PM
 Validity upto : 01/05/2025

Certificate SL No. : MH00501570006377
 Registration No. : MH05FJ1049
 Date of Registration : 13/Nov/2023
 Month & Year of Manufacturing : September-2023
 Valid Mobile Number : *****8799
 Emission Norms : BHARAT STAGE VI
 Fuel : DIESEL
 PUC Code : 157
 GSTIN :
 Fees :
 MIL_observation :
 Rs. 150/-
 No. -

Vehicle Photo with Registration plate
 60 mm x 30 mm

**MH-05
FJ-1049**

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	l/metre	0.7	0.4

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

Note : 1. Vehicle owners can check vehicle numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with Stamp of PUC Operator
 60mm x 20 mm

Non-AUTOMOTIVE SERVICES-MH0430051 (PUC USER) Maharashtra (VASHI) (NEW MUMBAI)

Issue PUC

Vehicle Number : MH04LD0493

Mobile Number :
 Category : LIGHT PASSENGER VEHICLE
 Make : MARUTI SUZUKI (INDIA) LTD
 Model : EECO AMBULANCE
 Norms : BHARAT STAGE VI
 Registration Date : 04/May/2023
 Fuel : PETROL
 Manufacturing Year : 2023
 Manufacturing Month : March
 Existing PUC Details:
 From : 04/May/2023
 To : 03/May/2024
 PUC Details:
 From : 15/Dec/2023
 To : 14/Dec/2024

Display Certificate Issue History Display Test Result Machine Value Retrieve

High Idle Emission Limit CO : 0.20000
 Measured High Idle Emission Limit CO : 0.00000
 High Idle Emission Limit : 1.03-0.97
 Limit CO - measured high idle Emission Limit : 0.00000
 Lambda limit :
 Limit LambdaRpm :
 Idle Emission Limit CO : 0.30000
 Measured Idle Emission Limit : 0.00000

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जाहीर सूचना

महाराष्ट्र राज्य स्तरीय पर्यावरण आघात मूल्यांकन समितीने मे. बिल्डा इस्टेट्स द्वारा सी. एस. नं. १६५३, १५५०, बी आणि डी, एस. नं. १७, १८ आणि २१८, गाव शहाड, तालुका कल्याण, जिल्हा ठाणे, महाराष्ट्र येथील प्रस्तावित रहिवाशी सह व्यावसायिक प्रकल्पाला पर्यावरणीय संमती दिली आहे.

सदर पर्यावरण संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या http://www.ecmpcb.in/login/granted_ec_certificate या संकेत स्थळावर उपलब्ध आहे.

स्थळ : शहाड, ता. कल्याण
दिनांक : ०४/०४/२०१९

PUBLIC ANNOUNCEMENT

The Proposed Residential cum Commercial Development at plot bearing C. S. No. 1653, 1550, B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane, Maharashtra, by M/s. Birla Estates has been accorded Environmental Clearance by State Environment Impact Assessment Authority (SEIAA); Government of Maharashtra vide letter no. SEIAA-EC-0000001440; dated 26th March 2019. Copy of the said Environmental Clearance is available with Maharashtra Pollution Control Board and on website of the Environment Department, Government of Maharashtra.

http://www.ecmpcb.in/login/granted_ec_certificate
Place : Shahad, Tal : Kalyan
Date : 04/04/2019

PUBLIC ANNOUNCEMENT

The Proposed Residential cum Commercial Development at plot bearing C.S. No. 1653, 1550, B & D, S. No. 17, 18 and 218, Village Shahad, Taluka Kalyan, District Thane, Maharashtra, by M/s. Biria Estates has been accorded Environmental Clearance by State Environment Impact Assessment Authority (SEIAA), Government of Maharashtra vide letter no. SEIAA-EC-000001440, dated 26th March 2019. Copy of the said Environmental Clearance is available with Maharashtra Pollution Control Board and on website of the Environment Department, Government of Maharashtra. http://www.ecmpcb.in/login/granted_ec_certificate Place : Shahad, Tal : Kalyan Date : 04/04/2019

PUBLIC NOTICE

Take Notice that my client Mrs. Yashodha Ramdin Sarvan & Mrs. Radhika Shamrao Jedhe, and Mr. ARJUN SHAMRAO JEDHE and Mr. Arjun Shamrao Jedhe are the sole and absolute owners of all that piece or parcel of land with structures at C.S. No. 4408B, 4480B1 to 4480B9, together with structure thereon known as Cardot Cottage, Cardot Chawl, assessed under No. H/E-7293 (9F) Chawl, assessed under No. M-7293(9E) -119/3 at

NOTICE

TAKE NOTICE that our client's mother Smt. Leela Ramchandra Nair, who was holding a Share Certificate in respect of shares bearing distinctive Nos. 860 to 90 issued by Others View Premises CHS Ltd. was misplaced/lost. If any person/s having possession of the said Original Share Certificate, are requested to hand over the same to us or to our client immediately on publication of this Notice and/or if any person/s having any claim, action and demand of whatsoever nature are hereby requested to make their claims know to the undersigned with relevant documents in support thereof within a period of 14 days from the date of publication of this notice to the address mentioned below, otherwise our client will apply to the Society for issue of duplicate share certificate, which will be issued to her in accordance with law.

Dated this 3rd day of April, 2019 Sd/-
Mr. Durgaprasad S. Sabinis
Advocate & Solicitor
Kalyadevi, Mumbai - 400 002
19, Lawyer's chambers, R. S. Sapre Marg,
Ph.: (91-22)2203 6081 Mob.: 9892610695
Tele Fax : (91-22) 2208 0289
Email : sabinis.d@gmail.com

PUBLIC NOTICE

Notice is hereby given that my clients are in the process of negotiating to purchase the Office Unit / Premises No. 306, Eco House, Eco House Premises Co-operative Society Limited, 3rd floor, Eco House, Vishweshwar Nagar, Off Aarey Road, Goregaon East, Mumbai-400063 from M/S. KEWAL KIRAN CLOTHING LIMITED (CIN No. L18101MH1992PLC065136) (PAN No. AAACK3402X) who are the owners and shareholders in respect of the Office Unit / Premises in the society.

Any person having any claim right, title and interest in respect of the Office Unit / Premises No.306 by way of inheritance, will, share, sale mortgage, lease, ten license, charge, gift, possession or encumbrance however or otherwise is hereby required to intimate to the undersigned with all supporting original documents within 14 days from the date of publication of this notice at the address provided hereunder, failing which the claims and/or demands, if any, of such person or persons shall be deemed to have been abandoned, surrendered relinquished released, waived and given up and it shall be presumed that the said Office Unit / Premises is free from all encumbrances, my clients shall accordingly proceed to complete all the legal formalities for the purchase of the Office Unit / Premises.

NOTICE

Mr. KETAN R. SHAH, who was joint member of MALAD SAIRA CO.OP HOUSING SOCIETY LTD. having address at Plot No. 62, Haji Babu Road, Malad (East), Mumbai - 400 097 with Mr. DHIREN R. SHAH and holding Flat No. 1, in the building of the society filed on 25-05-2017 at Mumbai without making any nomination.

The society hereby invites claims, objections from the heir or heirs or other claimants/Objector or Objectors to transfer of the said Shares and interest of the deceased member in the Capital Property of the society within period of 14 days from the publication of this Notice, with copies of such documents and other proofs in support of his/her/their claims/objections for transfer of shares and interest of the deceased member in the capital property of the Society if no claims/objections are received within the period prescribed above, the society shall be free to transfer the same in favour of his brother Mr. DHIREN R. SHAH who is joint owner of the said flat. The claims/objections, if any, received by the society for transfer of shares and interest of the deceased member in the capital property of the society shall be dealt with in the manner provided under

नववर्ति ११
मुंबई, गुरुवार, ४ एप्रिल २०१९

जारी सूचना

महाराष्ट्र राज्य स्तरीय पर्यावरण आघात मूल्यांकन समितीने मे. बिलॉ इस्टेट्स द्वारा सी. एस. नं. १६५३, १५५०, बी आणि डी, एस. नं. १७, १८ आणि २१८, गाव शहाड, तालुका कल्याण, जिल्हा ठाणे, महाराष्ट्र येथील प्रस्तावित रहिवाशी सह व्यावसायिक प्रकल्पांला पर्यावरणीय संमती दिली आहे. सदर पर्यावरण संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच मंत्रालयाच्या पर्यावरणीय विभागाच्या http://www.ecmpcb.in/login/granted_ec_certificate या संकेत स्थळावर उपलब्ध आहे. स्थळ : शहाड, ता. कल्याण दिनांक : ०४/०४/२०१९

Public Notice

NOTICE

Late Shubhang Anikush Redkar member of Nicholssawadi co-operative Housing Society Ltd, having address at Yashwant Rao Tawde Road, Near Dahisar Bridge, Dahisar (W), Mumbai No. 400 068 and holding Flat No. 401 on fourth floor died on 04/07/2012 without making nomination. The society has received application for transfer of membership and shares of the said Flat to the name of ShreeRamAnkush Redkar. The society here by invites claims or objection from the heir or other claimants to the transfer of the said shares and interest of the deceased member in the capital / property of the society within a period of 15 days from the publication of this notice, with copies of such documents and other proofs in support of his / her / their claims / objections for transfer of shares and interest of the deceased member in the capital / property of the society. If no Claims / objection are received within the period prescribed above, the society shall be free to deal with the shares and interest of the deceased member in the capital manner as is provided under

PUBLIC NOTICE

Notice is hereby given that my clients are in the process of negotiating to purchase the Office Unit / Premises No. 306, Eco House, Eco House Premises Co-operative Society Limited, 3rd floor, Eco House, Vishweshwar Nagar, Off Aarey Road, Goregaon East, Mumbai-400063 from M/S. KEWAL KIRAN CLOTHING LIMITED (CIN No. L18101MH1992PLC065136) (PAN No. AAACK3402X) who are the owners and shareholders in respect of the Office Unit / Premises in the society.

Any person having any claim right, title and interest in respect of the Office Unit / Premises No.306 by way of inheritance, will, share, sale mortgage, lease, ten license, charge, gift, possession or encumbrance however or otherwise is hereby required to intimate to the undersigned with all supporting original documents within 14 days from the date of publication of the notice at the address provided hereunder, failing which the claims and/or demands, if any, of such person or persons shall be deemed to have been abandoned, surrendered relinquished released, waived and given up and it shall be presumed that the said Office Unit / Premises is free from all encumbrances, my clients shall accordingly proceed to complete all the legal formalities for the purchase of the Office Unit / Premises.

SCHEDULE OF THE PROPERTY

Office premises bearing no. 306 admeasuring approximately 1005 sqft (101.77 square-carpel) are situated at the area of the society situated at the 3rd

PUBLIC NOTICE

TAKE NOTICE THAT My client MR. PARESH ARJUN VADHAR, Desires to purchase Room No. C/21, adm. 30 sq mtrs, in Charkop (3) Shivji Sagar CHS LTD, Plot No. 716 RSC-67, SECTOR-7, CHARKOP KANDIVALI (W), MUMBAI - 67, from the present Owner of the said Room No. C/21 MRS. MADHARU GIRISH DHINDOJA AND MR. HARISH GIRISH DHINDOJA.

Initially the said Room was allotted to MR. DATTATRAY NAGESH NAIK, by MHADA in the name of MR. DATTATRAY NAGESH NAIK. Said MR. DATTATRAY NAGESH NAIK, has by an agreement d. 29th July 1994 (Duly stamped) sold the said Room premises to MRS. SUPRIYA SURESH GOPALE. Said MRS. SUPRIYA SURESH GOPALE Sold the said room to MRS. MADHARU GIRISH DHINDOJA AND MR. HARISH GIRISH DHINDOJA by an agreement d. 12/12/1999 (Duly Stamped).

The allotment letter received of said Room No/C/21 issued by MHADA in the name of MR. DATTATRAY NAGESH NAIK, the original allot is misplaced and not traceable copies of all the efforts. Any person having or claiming any right, title, interest of any type in the above property/room/unit either in any part thereof, by way of

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : rohq@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



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

Infrastructure /Orange/LSI

Consent order No: Format1.0/BO/JD(WPC) /UAN-0000066276 /CE/CC-

1905000703

Date- 14/05 /2019

To,
M/S. BIRLA ESTATES
Survey No: 1653, 1550 B & D, S. No. 17, 18 and 218
Village Shahad Tal : Kalyan Dist: Thane

Subject: Consent to Establish for Building/Construction Project. Orange Category.

Ref : Minutes of Consent Committee meeting held on 02/05/2019 & 03/05/2019

Your application MPCB-CONSENT-0000066276 Dated: 02/02/2019

For: Consent to Establish for Building/Construction project

under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 387 Crs. (As per C.A certificate submitted by project proponent)

The Consent to Establish is valid for construction of Residential & commercial building Project named as M/S. BIRLA ESTATES Survey No: 1653, 1550 B & D, S. No. 17, 18 and 218 Village Shahad Tal : Kalyan Dist: Thane For Total plot area of 85,220.00 Sq. Mtrs and Total Construction BUA 1,54,168.00 Sq. Mtrs (including utilities and services as per construction commencement certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	464	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	630 KVA x 2 Nos	2	As Per Schedule -II
2	DG Set	315 KVA	1	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	1100 Kg/Day	OWC	Used as Manure
2	Dry garbage	800 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3	STP sludge	50 Kg/day	---	Used as Manure

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
10. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
11. Project Proponent shall install online monitoring systems for BOD, SS and flow at the outlet of STP.
12. Project Proponent shall comply with conditions stipulated in EC and C to E and submit BG of Rs. 10 Lakhs towards compliance of the same & compliance of consent conditions.
13. Project Proponent shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide no: SEIAA-EC-0000001440 Date : 26/03/2019
14. The treated domestic effluent shall be 60% recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening & connected to the sewerage system provided by local body.
15. Project Proponent shall submit verification report of decontamination of site by MoEF approved expert agency and transplantation of trees approved forest department.

For and on behalf of the
Maharashtra Pollution Control Board


(P.K. Mirashe)
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	774000.00	5448287 (RTGS)	11/02/2019	State Bank of India

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 485 CMD
- B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for PH
01	BOD (3 days 27°C)	10
02	Suspended Solids	50
03	COD	100

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D) Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	664

- 4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S %	SO ₂
1	DG Set (630KVA) x 2 Nos	Acoustic enclosure	5.0	HSD	236	Kg/hr	-	-
2	DG Set (315 KVA)	Acoustic enclosure	5.0				-	-

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

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

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

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Schedule-III
Details of Bank Guarantees

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

[Signature]

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

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

- 1) The applicant shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide no: SEIAA-EC-0000001440 Date : 26/03/2019
- 2) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 3) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 4) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 5) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 6) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 7) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 8) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000127515/CE/2205000243

Date: 05/05/2022

To,
M/s. Birla Estates (A Division of Century
Textiles and Industries Ltd.) C. S. No.
1653, 1550 B & D, S. No. 17, 18 and 218
at village Shahad, Kalyan, District Thane,



Your Service is Our Duty

Sub: Amendment in Consent to Establish for expansion for Residential & Commercial Development with Convenience projects Granted under Red Category.

- Ref:**
1. Consent to Establish granted vide no. Format1.0/BO/Jd(WPC)/UAN-0000066276/CE/CC-1905000703 dtd. 14.05.2019.
 2. Environment Clearance Granted vide No. SEIAA-EC-0000001440 dtd. 26.03.2019.
 3. Minutes of 20th Consent Committee Meeting held on 17.03.2022.

Your application NO. MPCB-CONSENT-0000127515

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **The Consent to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.183 Cr. (As per undertaking submitted by pp).**
3. **The Amendment in Consent to Establish for expansion is valid for Residential & Commercial Development with Convenience projects named as M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles Industries Limited),C. S. No. 1653, 1550 B & D, S. No. 17, 18 and 218,at village Shahad, Tal: Kalyan, District Thane, , on Total Plot Area of 85220 SqMtrs for Total construction BUA ; 2,20,483.03 SqMtrs including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Consent to Establish dtd. 14.05.2019	85220.00	154168.00
2	Environment Clearance dtd. 26.03.2019	85220.00	154168.00

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	828	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	DG Set 630 KVA	2	As per Schedule -II
2	DG Set 320 KVA	1	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Non - Hazardous Solid Waste (Biodegradable)	1280 Kg/Day	OWC	USED AS MANURE
2	Non - Hazardous Solid Waste (Non- Biodegradable)	1921 Kg/Day	NA	Disposed off to authorized vendors Please refer Annexure V for solid waste management

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	As Actual	Kg/Hr	NA	Sale to Authorized reprocessor

8. PP shall install online monitoring system to the O/L of STP for monitoring pH, Flow, BOD, TSS
9. The treated domestic effluent shall be 60 % recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower makeup, firefighting etc. and reaming shall be utilized on land for gardening and connected to the sewerage system provided by local body
10. Project Proponent shall provide Organic waste digester with composting facility or Bio-gas digester with composting facility
11. Project Proponent shall make provision of charging port for Electric vehicles in at least 40% total available parking area

12. PP shall comply with the provision of Construction & Demolition Waste management Rules 2016
13. Project Proponent shall take adequate measures to control noise and dust emissions during construction phase
14. project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC /CRZ clearance and C to E.
15. PP shall not effective steps till obtaining of Amendment in Environmental clearance for additional Total Construction BUA from 1,54,168.00 sq.mtrs to 2,20,483.03 sq.mtrs from SEAC /SEIAA Authority and PP shall Submit Bank Guarantee of Rs. 10 Lakhs towards compliance of the Consent conditions



Ashok Shingare

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Signed by: **Ashok Shingare**
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2022-05-05 16:16:56 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	366000.00	TXN2112001988	19/12/2021	Online Payment

Copy to:

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

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **875 CMD for treatment of domestic effluent of 828 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	886.35
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have proposed to provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	DG Sets 630 KVA x2 Nos	Acoustic Enclosure	6.00	HSD 236 Ltr/Hr	-	SPM	-
						SOX	-
						RSPM	-
						NOX	-
2	DG Sets 320 KVA	Acoustic Enclosure	6.00	HSD 236 Ltr/Hr	-	SPM	-
						SOX	-
						RSPM	-
						NOX	-

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 Lakh	15 days	Towards Compliance of EC & Consent conditions	Up to Commissioning of the project	Up to Commissioning of the project

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

Conditions during construction phase

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

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

- e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
 - 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
 - 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 9 The treated sewage shall be disinfected using suitable disinfection method.
 - 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
 - 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd
and 4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E),
Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000187479/CO/2403003125

Date: 28/03/2024

To,
M/s. Birla Estates (A Division of Century
Textiles and Industries Ltd.) C. S. No.
1653, 1550 B & D, S. No. 17, 18 and 218 at
village Shahad, Kalyan, District Thane.



**Sub: 1st Consent to Operate (Part) for Residential towers Building Project
granted under Red Category.**

- Ref:**
1. Minutes of 31st Consent Committee Meeting held on dt: 16/02/2024
 2. Amendment in Consent to Establish for expansion granted vide no. -
Format1.0/CC/UAN No.0000127515/CE/2205000243 dt: 05/05/2022
 3. Environment Clearance for expansion Granted vide No.
SIA/MH/MIS/228208/2021 dt: 10/12/2022

Your application NO. MPCB-CONSENT-0000187479

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I,II,III & IV annexed to this order:

1. **1st Consent to Operate (part) is granted for valid up to : 31/01/2025**
2. **The capital investment of the project is Rs.337.5637 Cr. (As per undertaking submitted by pp).**
3. **The 1st Consent to Operate (Part) is valid for Residential towers Building Project named as M/s. Birla Estates Pvt. Ltd. (A Division of Century Textiles Industries Limited),C. S. No. 1653, 1550 B & D, S. No. 17, 18 and 218,at village Shahad, Tal: Kalyan, Dist: Thane, on Total Plot Area of 85220 Sq. mtr. for completed construction BUA of 1,43,316.50 sq.mtrs out of Total construction BUA 2,20,483.03 Sq.mtrs as per EC granted dated : 10/12/2022 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dt: 26/03/20219	85220.00	154168.00
2	Amendment in Consent to Establish for expansion dt: 05/05/2022	85220.00	220483.03
3	Environment Clearance dt: 10/12/2022	85220.00	220483.03

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	-	-
2.	Domestic effluent	447.73	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
2	DG Sets 630 KVA x 2 Nos.)	2	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	663.3 Kg/Day	OWC	Used As Manure
2	Non- Biodegradable	994.95 Kg/Day	segregation Disposa	Send to Authorized processor
3	STP Sludge	10 Kg/Day	Dewatering	Used as Manure

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

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	200	Ltr/A	NA	Sale to Authorized reprocessor

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. PP shall provide adequate capacity of sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
11. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
12. Project Proponent shall operate the Organic waste digester with composting facility or biodigester with composting facility effectively
13. The project proponent shall make provision of charging of electric vehicles in atleast 30 % of total available parking area.

14. The project proponent shall comply with the conditions stipulated in consent conditions & EC and submit BG of Rs. 10 Lakhs towards compliance of the same.
15. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of C to O
16. The project proponent shall comply with conditions stipulated in the Environment Clearance for expansion Granted vide No. SIA/MH/MIS/228208/2021 dt: 10/12/2022



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Signed by: **Dr. Avinash Dhakne**
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2024-03-28 21:31:21 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	675127.00	MPCB-DR-22626	17/11/2023	RTGS

Copy to:

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



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **485 CMD for treatment of domestic effluent of 447.73 CMD.**
- B] The Applicant shall operate the sewage treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	497.48
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- 1) **As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
2	DG Sets (630 KVA x2 Nos.)	Acoustic Enclosure	6.00	HSD 189 Ltr/Hr	-	SO2	90.72 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm3
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Operate Part	10.0 Lakh	15 days	Compliance of consent conditions & EC Condition	31/01/2025	31/05/2025

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

- 1 The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Solid Waste Management Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 3 Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4 Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5 Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 6 Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rule 2016 & E-Waste (M & H) Rule 2011.
- 7 Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.

- 8 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9 The treated sewage shall be disinfected using suitable disinfection method.
- 10 The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11 The applicant shall make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

This certificate is digitally & electronically signed.

