



Date: 01/12/2018

To,  
**The Additional Director (S),**  
Ministry of Environment and Forest and Climate Change  
Regional Office (WCZ), Ground Floor,  
East Wing, New Secretariat Building,  
Civil Line, Nagpur, Maharashtra-440 001.

**Sub:** Submission of Environmental Clearance compliance report (April 2018 to September 2018)  
for Residential Development Project at Gat No. 95/2, 95/3, Tathawade, Dist. Pune-Maharashtra

**Ref:** Letter No. SEAC-2212/CR-14/TC-2 dated 16<sup>th</sup> July 2015.

Dear Sir,

With reference to the above subject, we are submitting the Current Status and point wise clearance compliance status to various stipulations laid down by the State Level Expert Appraisal Committee, Government of Maharashtra in its clearance letter SEAC-2212/CR-14/TC-2 dated 16<sup>th</sup> July 2015 along with the necessary enclosure.

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

Thanking you,

Yours Faithfully,  
**For Eisha Properties Unit V**

*EW*  
Authorized Signatory

Encl:

- Part A: Current Status
- Part B: Point wise compliance status
- Part C: Enclosures
- Part D: CD



◆ Registered Office ◆

6th Floor, San Mahu Complex, Opp. Poona Club, Pune - 411001. Maharashtra

Tel : 020 66006311 - 12. [www.eishagroup.com](http://www.eishagroup.com)

◆ Correspondance Office ◆

A6, Shivsagar Co-op Housing Society, Ganesh Khind Road, Modibaug, Shivajinagar, Pune - 411016, Maharashtra.

Tel : 020 25519777 E-mail : [admin@bmnagori.com](mailto:admin@bmnagori.com)



Date: 04/12/2018

To,

**The Member Secretary,**  
Maharashtra Pollution Control Board,  
Kalpataru Point, 2<sup>nd</sup> -4<sup>th</sup> floor, Opp.-Cineplanet Theatre,  
Near Sion Circle, Sion (East),  
Mumbai-400 022

**Sub:** Submission of Environmental Clearance compliance report (April 2018 to September 2018) for Residential Development Project at Gat No. 95/2, 95/3, Tathawade, Dist. Pune-Maharashtra

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# **PART A**

## **CURRENT STATUS OF WORK**

M/s. Eisha Properties Unit V

"Eisha Zenith Project" at Tathawade, Pune.

**PART A**

**CURRENT STATUS OF WORK**

No of Buildings	Status
4 Wings	Construction Completed

## **PART B**

### **POINT WISE COMPLIANCE STATUS**

## PART B

2. Point wise compliance status to various stipulations laid down by the Environment Department in its clearance letter SEAC-2212/CR-14/TC-2 dated on 16<sup>th</sup> July, 2015 is as follows:

Sr. No	Condition	Status
(i)	This environmental clearance is issued subject to utilization of excess treated water.	Complied. Excess treated water is used as gardening and flushing purposes.
(ii)	This environmental clearance is issued subject to land use verification. Local authority/planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolution, Circulars, etc. issued if any Judgments/Orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC & SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Necessary NOC received from  ➤ Environmental clearance letter: SEAC-2212/CR-14/TC-2 dated 16 <sup>th</sup> July 2015 EC copy is attached as <b>Enclosure - I</b> .  ➤ Commencement Certificate from PCMC is attached as <b>Annexure No.1</b>  ➤ Fire department granted final NOC for the building vide letter no. Fire/SW/WS/58/2015 dated 30.11.2015. NOC from CFO is attached as <b>Annexure No.2</b> .
(iii)	Occupation certificate shall be issued to the project only after ensuring availability of drinking water and connectivity of the sewer line to the project site	We are provided drinking water and sewer line to the project site.
(iv)	STP capacity shall be increased appropriately considering waste water generation	Noted
(v)	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.	NOC from Wild life Board is not applicable.
(vi)	PP has to abide the condition stipulated by SEAC & SEIAA.	Agreed to comply with

Sr. No	Condition	Status
(vii)	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.	<p>Height, built up area of construction is accordance with the existing FSI /FAR norms. Commencement Maximum Height if the buildings - 36 mtr.</p> <p><b>Agreed to comply with</b></p> <p>Height of the building will be as per the approved building plan.</p> <ul style="list-style-type: none"> <li>➤ Project site is in residential zone as per DP remarks, <b>DP remarks</b> is attached as <b>Annexure no.3</b></li> <li>➤ Completion Certificate is attached as <b>Annexure no.1</b></li> </ul>
(viii)	"Consent for establishment" shall be obtained from Maharashtra Pollution Control Board under air Water Act and a copy shall be submitted to the environment department before start the construction work at the site.	<p>MPCB granted consent to establish vide letter no. Format 1.0/BO/ROHQ/CE/PN-19896-13/CC-3095 dated 29/03/2014.</p> <p><b>Consent to Establish</b> is attached as <b>Enclosure-II</b>.</p>
(ix)	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	No any construction activity on project site so no labor on project site.
<b>General Conditions for Construction Phase-</b>		
(i)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche & First Aid Room etc.	No any construction activity on project site so no labor on project site.
(ii)	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.	No any construction activity on project site so no labor on project site.
(iii)	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.	No any construction activity on project site so no labor on project site.
(iv)	Disposal of muck during construction phase should not create any adverse effect on 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.	Excavated muck is used for land leveling of the site
(v)	Arrangement shall be made that waste water and storm water do not get mixed.	<p>Agreed to comply with.</p> <p>We have provided separate pipe line for</p>

Sr. No	Condition	Status
		waste water and storm water.
(vi)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Quantity of topsoil 6000 m <sup>3</sup> was generated and it was used for land leveling.
(vii)	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.	Agreed to comply with.
(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.	Total 140 nos. of trees planted
(ix)	Soil and ground water sample will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	No source of ground water within project site hence not generate ground water analysis report. As per the soil analysis report, heavy metal concentration was not observed in soil. Soil quality is being monitored and reports are attached as <b>Annexure-4</b> .
(x)	Construction spoils, including bituminous material and other hazardous material 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.	All precautions are taken to prevent contamination of water sources. The construction process does not involve storage of hazardous material to be consumed in building construction works.
(xi)	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.	As per consent to establish granted by MPCB, no hazardous waste generate on project site.
(xii)	The diesel generator sets 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.	Acoustic enclosure has been provided for the DG set. Please refer Stack Emission Quality Monitoring report as <b>Annexure -4</b> .
(xiii)	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Diesel is not being stored at project site.
(xiv)	Vehicles hired for bringing construction material to the sites should be in good condition and should have pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	No any construction activity on project site.

Sr. No	Condition	Status
(xv)	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.	As per noise level monitoring report, the noise levels found to be within standards prescribed for residential areas. Please refer for Ambient Noise Level Monitoring report as <b>Annexure-4</b> .
(xvi)	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27 <sup>th</sup> August, 2003. (The above condition is applicable only if the project site located within the 100 km of Thermal Power Station).	Fly ash (7807 MT) is used in pre-mixed concrete
(xvii)	Ready mixed concrete must be used in building construction.	Ready mixed concrete is being used.
(xviii)	The approval of competent authority shall be obtained for structural safety of the building any possible earthquake, adequacy of firefighting equipment etc, as per National Building Code including measures from lighting.	Fire department granted final NOC for the building vide letter no. Fire/5W/WS/58/2015 dated 30.11.2015. NOC from CFO is attached as <b>Annexure No.2</b> Copy of Structural Stability Certificate from Sunil Mutaik & Associates (Structural Consultant) is attached as <b>Annexure No.5</b>
(xix)	Storm water control and its re-use as per CGWB and BSI Standards for various applications.	Rain water is being recharged with 3 nos. of recharge pits.
(xx)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Premixed concrete is being used
(xxi)	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No any bore well on project site so ground water analysis report are not generated.
(xxii)	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 Ministry before the project is commissioned for operation. Discharged of this unused treated effluent, if any should be discharged in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to	240 KLD capacity STP provided for waste water treatment. Treated water is being used for flushing and gardening.

Sr. No	Condition	Status
	mitigate the odor problem from STP.	
(xxiii)	Permission to draw ground water & construction of basement if any shall be obtained from the competent authority prior to construction / operation of the project.	Ground water extraction is not being done hence permission is not required. In future if required then will take permission.
(xxiv)	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Dual plumbing system provided for gray and black water.
(xxv)	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.	Taps, showers with aerators have been provided.
(xxvi)	Use of glass may be reduced up to 40% to reduced electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	5mm/4mm float glass used.
(xxvii)	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	<b>Complied.</b> Reflective paint have been provided for thermal insulation
(xxviii)	Energy conservation measures like installation of CFLs /TFLs for the lighting areas outside the building should be integral part of 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 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 proponents should install, after checking feasibility, solar plus hybrid non conventional energy sources as sources of energy.	Energy conservation measures is provided <ul style="list-style-type: none"> <li>➢ Interior lighting power to be within specified limits.</li> <li>➢ Energy efficient motors.</li> <li>➢ Solar water heating</li> </ul>
(xxix)	Diesel power generating sets proposed as sources of back up 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 diesels. The location of the DG sets may be decided with in	DG set are with acoustic canopy & confirming the rules made under the Environment (Protection) Act 1986. <ul style="list-style-type: none"> <li>➢ 1 No. of DG Set (125 KVA) provided.</li> </ul> Stack emission monitoring report is attached as Annexure no. 4

Sr. No	Condition	Status
	consultation with Maharashtra Pollution Control Board.	
(xxx)	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 level to comply with the prevalent regulation.	Complied As per the noise level monitoring report, the noise levels found to be within prescribed standards.  Ambient noise level monitoring report as attached as <b>Annexure no.4</b>
(xxxi)	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.	Complied There is already internal parking so, that there is no use of public space. Also provision of visitors parking is made.
(xxxii)	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 aspirational for non air - conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Noted.
(xxxiii)	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	No separate buildings; 4 Wings in line
(xxxiv)	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 surrounding.	Construction work is being supervised by Project Engineer and qualified supervisors.
(xxxv)	Under the 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 environment clearance.	Received Environmental Clearance vide letter No. SEAC-2212/CR-14/TC-2 dated 16 <sup>th</sup> July 2015.
(xxxvi)	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Six monthly monitoring reports is submitted to the Regional office MoEF & CC, Nagpur with copy to this department and MPCB.
<b>General Conditions for Post- construction/operation phase-</b>		
(i)	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development, prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement	Complied  ➤ 240 KLD capacity STP provided for waste water treatment. Treated water is being used for flushing and gardening.

Sr. No	Condition	Status
	in Para.2 Prior certification from appropriate authority shall be obtained.	<ul style="list-style-type: none"> <li>➤ Solid waste generated has been collected separately as a dry &amp; wet waste. Dry waste hand over to local authorized vendor and wet waste treated by organic waste convertor.</li> <li>➤ We had applied consent to operate to MPCB on dated 28<sup>th</sup> July 2018.</li> </ul>
(ii)	Wet garbage should be treated by organic waste convertor 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.	<ul style="list-style-type: none"> <li>➤ Solid waste generated by workers is being disposed daily to local authorized vendor.</li> <li>➤ OWC are provided for treatment of wet waste and dry waste is handed over to local authorized vendor</li> </ul>
(iii)	Local body should ensure that no occupation certification is issued prior to operation of STP/ MSW site etc. with due permission of MPCB.	STP and OWC provided for the occupied buildings. We had applied consent to operate to MPCB on dated 28 <sup>th</sup> July 2018.
(iv)	A complete set of all documents submitted to the department should be forwarded to the Local authority & MPCB.	Agreed to comply with.
(v)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	No any changes in the scope of project.
(vi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	Environmental Management Cell is being supervised by Project Engineer and qualified supervisors.
(vii)	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-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 be reported to the MPCB & this department.	<p>We are submitting herewith funds allocated for Environmental Management Plan (EMP)</p> <p><b>During Construction phase:</b> Capital Cost: 13.8 lacs/annum</p> <p><b>During operational Phase:</b> Total set up Cost: 147.45 lacs/annum O &amp; M cost : 35.31 lacs/annum</p>
(viii)	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	Advertisement had been published in local Marathi newspaper 'Punya Nagari' and English news paper 'Hindustan Times'. Please refer the <b>Part D-Annexure 6</b>

Sr. No	Condition	Status
	and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	
(ix)	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Agreed to comply with.
(x)	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.	Agreed to comply with.
(xi)	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 <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted.
(xii)	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.	Noted
(xiii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Noted

Sr. No	Condition	Status
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.	Agreed to comply with.
5.	In case of submission of false document and non compliance of stipulated conditions, Authority/Environment Department will revoke or suspend the Environmental clearance without any intimation and initiate appropriate legal action under Environmental protection Act, 1986.	Agreed to comply with.
6.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if condition stipulated is not implemented to the satisfaction of the department or for that matter, for other administration reason.	Agreed to comply with.
7.	<b>Validity of environmental clearance:</b> The environmental Clearance accorded shall be valid for a period of 7 years as per MoEF&CC Notification dated 29 <sup>th</sup> April, 2015	Environmental Clearance Obtained vide letter No. SEAC-2212/CR-14/TC-2 dated 16 <sup>th</sup> July 2015.
8.	In case any deviation or alteration in the project proposed from those submitted to this department for clearance, 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.	Agreed to comply with
9.	The above stipulation 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 their under, hazardous waste (Management and Handling) Rules, 1989 and it's amendment, the public liability insurance act, 1991 and it's amendments.	Agreed to comply with
10.	Any appeal against this environment Clearance shall lie with the National Green Tribunal, Van Vigyan Bhavan, Sec-5, R. K.	Noted & agreed.

M/s. Eisha Properties Unit V

"Eisha Zenith Project" at Tathawade, Pune.

Sr. No	Condition	Status
	Puram, New Delhi-110022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	

## **PART C**

<b>ENCLOSURE NO.</b>	<b>ENCLOSURES</b>
ENCLOSURE I	DATA SHEET
ENCLOSURE II	COPY OF ENVIRONMENTAL CLEARANCE
ENCLOSURE III	COPY OF CONSENT TO ESTABLISH

# **ENCLOSURE I**

**DATA SHEET IN FORMAT**

**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forest and Climate Change**  
**Western Region, Regional Office, Nagpur**

**DATA SHEET****Date:- 1<sup>st</sup> December 2018**

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Residential Development Project
2.	Name of the project	:	Eisha Zenith Project
3.	Clearance letter (s) / OM No. and Date	:	SEAC-2212/CR-14/TC-2 dated 16 <sup>th</sup> July 2015.
4.	Location	:	Gat No. 95/2, 95/3, Tathawade, Dist. Pune-411033, Maharashtra
	a. District (S)	:	18°30'43.96"N
	b. State (s)	:	73°44'41.39"E
5.	Address for correspondence	:	
	a. Address Concerned Project Chief Engineer ( with pin code & Telephone / telex / fax numbers	:	Mr. Venkangouda V.J. Shivsagar Housing Society, 1 <sup>st</sup> Floor, Ganeshkhind Road, Shivajinagar, Pune 411016 Telephone-020-25519777
	b. Address of Project Engineer/Manager (with pin code/ Fax numbers )	:	Mr. Venkangouda V.J. Shivsagar Housing Society, 1 <sup>st</sup> Floor, Ganeshkhind Road, Shivajinagar, Pune 411016 Telephone-020-25519777
6.	Salient features	:	
	a. of the project	:	It is residential development project. The design of this project and utilities is thoroughly planned with the objectives of providing facilities to the people and keeping the mind on sustainable development.
	b. of the environmental management plans	:	<p><b>1. Sewage Treatment plant</b> 240 KLD Capacity STP installed. Recycling of treated waste water for flushing and gardening.</p> <p><b>2. Rain water Harvesting</b> Rain water is being recharged with 3 nos. of recharge pits.</p> <p><b>3. Solid Waste Management</b> Solid waste generated is properly collected separately for dry &amp; wet waste. Dry waste hand over to authorized vendor and wet waste treated in organic waste convertor machine and then used as manure.</p> <p><b>4. Taps &amp; showers with aerators for saving water, pressure reducing valves,</b></p>

			energy saving fixtures like CFL lamps.
7.	Breakup of the project area	:	
	a. submergence area forest & non-forest	:	Non forest land
	b. Others	:	Total Plot Area : 22900.00 (sq.m) Total Construction Area: 48374.54(sq.m)
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land &landless labourers/artisan	:	NIL
	a. SC, ST/Adivasis	:	Not Applicable
	b. Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	:	Not Applicable
9.	Financial details	:	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1. Estimated Cost of the Project	:	85 Crores Only
	b. Allocation made for environmental management plans with item wise and year wise Break up.	:	We are submitting herewith funds allocated for Environmental Management Plan (EMP).
	c. Benefit cost ratio / Internal rate of Return and the year of assessment	:	<b>During Construction phase:</b> Capital Cost: 13.8 lacs/annum
	d. Whether (c) includes the Cost of environmental management as shown in the above.	:	<b>During operational Phase:</b> Total set up Cost: 147.45 lacs/annum O & M cost : 35.31 lacs/annum
	e. Actual expenditure incurred on the project so far	:	52.29 Crores
	f. Actual expenditure incurred on the environmental management plans so far	:	--
10.	Forest land requirement	:	Not Applicable
	a. The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b. The status of clearing felling	:	Not Applicable
	c. The status of compensatory afforestation, if any	:	Not Applicable
	d. Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Not Applicable

12.	Status of construction	:	No of Buildings	Status
			4 Wings	Construction Completed
	a. Date of commencement ( Actual and/or planned )	:	01.08.2015	
	b. Date of completion ( Actual and/or planned )	:	01.08.2020	
13.	Reasons for the delay if the Project is yet to start	:	-	
14	Dates of site visits	:	Not yet visited	
	a. The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	Not yet visited	
	b. Date of site visit for this monitoring report	:	-	
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.)	:	Not Applicable	

## **ENCLOSURE II**

**COPY OF ENVIRONMENTAL CLEARANCE**

**Government of Maharashtra**

SEAC-2212/CR-14/TC-2  
Environment department  
Room No. 217, 2<sup>nd</sup> floor.  
Mantralaya Annexe,  
Mumbai- 400 032.  
Dated: 16<sup>th</sup> July, 2015.

To,  
M/s. Eisha Properties Unit V  
604, 6th Floor, San Mahu Complex,  
Opp Poona Club, Pune - 411001

**Subject: Environment clearance for proposed residential project "Eisha Zenith" at Gat No.95/2, 95/3,Tathawade, Dist.Pune by M/s. Eisha Properties Unit V**

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-III, Maharashtra in its 23<sup>rd</sup> 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 81<sup>st</sup> & 85<sup>th</sup> meetings.

2. It is noted that the proposal is considered by SEAC-III under screening category 8(a) B2 as per EIA Notification 2006.

**Brief Information of the project submitted by you is as-**

Name of Project	Eisha Properties Unit V "Eisha Zenith"
Project Proponent	Mr. Bharat Nagori M/s. Eisha Properties Unit V
Consultants	Saitech Research and Development Organisation
Type of Project: Housing Project/Industrial Estate/SRA scheme/MHADA/Township or others	Housing Project
Location of the Project	Gat. No. 95/2, 95/3, At Village Tathawade, Mulshi, Pune, Maharashtra
Whether in Corporation/ Municipal/other area	PimpriChinchwad Municipal Corporation
Applicability of the DCR	As per Development Control Regulations of PCMC
IOD/IOA/Concession document or any other form of document as applicable(Clarifying its conformity with local planning rules & provision)	Sanction Plan no BP/Tathavade/04/2011 dated 28.03.2013 for bldgs. A,B,C&D Sanction plans for full potential applied on 07.08.2014
Note on the initiated work (If applicable)	Yes. Construction of 4 buildings viz. A,B,C&D completed (Construction Builtup area 18047.29 m <sup>2</sup> )
LOI / NOC from MHADA/ Other	NA

approvals (If applicable)	
Total Plot Area	22900.00 Sq. m
Deductions	9686.28 Sq. m
Net Plot area	13213.72 Sq. m
Permissible FSI (including TDR etc.)	22670.23m <sup>2</sup>
Proposed Built up area (FSI & Non FSI)	FSI area (m <sup>2</sup> ) : 21627.67 Non FSI Area (m <sup>2</sup> ) : 26476.87 Total BUA area (m <sup>2</sup> ) : 48374.54
Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20 % of Net Plot area
Estimated cost of the project	Rs. 85Crores
No. of buildings & its configurations	Total Number of Buildings 7 Residential Building A: P + 11 Floors Building B: P + 11 Floors Building C: P + 11 Floors Building D: P + 11 Floors Building E: P + 11 Floors Building F : P + 8 Floors Club House Commercial Building G : Ground
Number of tenants and shops	Total Nos. of Tenants : Residential = 292Nos Commercial area = 266.58 m <sup>2</sup>
Number of expected residents / users	Total Expected residents: Residential 1530 Commercial = 75
Tenant density per hecter	174Tenant/hecter
Height of the building's	36 m
Right of way (Width of the road from the nearest fire station to the proposed building(v))	30 m wide proposed DP road adjacent to site
Turning radius for easy access to the fire tender movement from all around the building excluding the width for the plantation	9 m
Existing structure(s)	Buildings A, B,C D
Details of the demolition with disposal (If applicable)	NA
Total Water Requirement	Residential Dry season: Source: PCMC/Recycled Fresh water : 144 m <sup>3</sup> /day Recycled water(flushing): 71 m <sup>3</sup> /day Recycled water (Gardening) : 30 m <sup>3</sup> /day HVAC Makeup: NA Total Water Requirement: 245 m <sup>3</sup> /day Excess treated water : 90 m <sup>3</sup> /day

	<p>Swimming pool make up: 2.5 m<sup>3</sup>/day</p> <p>Fire fighting (Underground water tank) : 500 m<sup>3</sup></p> <p>Wet Season:</p> <p>Source : PCMC/Recycled</p> <p>Fresh water : 144 m<sup>3</sup>/day</p> <p>Recycled water (flushing) : 71 m<sup>3</sup>/day</p> <p>Recycled water (Gardening): 0 m<sup>3</sup>/day</p> <p>HVAC Makeup:</p> <p>Total Water Requirement : 215 m<sup>3</sup>/day</p> <p>Excess treated water : 120 m<sup>3</sup>/day</p> <p>Swimming pool make up : 2.5 m<sup>3</sup>/day</p> <p>Fire fighting (Underground water tank) : 500 m<sup>3</sup></p> <p>Commercial</p> <p>Considered above in residential</p>
Details about Swimming Pool:	<p>Dimension of Swimming Pool:</p> <p>Main Pool: 11m x 4 m x 1.4m</p> <p>Baby Pool: 3m x 3m x 0.60m</p> <p>Total water Requirement in KLD: 67 m<sup>3</sup>/day</p> <p>Water requirement for make up in KLD: 2.5 m<sup>3</sup>/day</p> <p>Details of Plant &amp; Machinery used for treatment of Swimming pool water:</p> <ol style="list-style-type: none"> <li>1. Pressure Sand Filter ( Flow Rate – 14m<sup>3</sup>/ Hour)</li> <li>2. Dozing pumps for Chlorination, pH Correction, Alum Addition (Maximum Dozing flow – 0-6 lph)</li> </ol> <p>Details of quality to be achieved for swimming pool water and parameters to be monitored</p> <p>pH = 7.1 to 7.5, Chlorine level = 1 to 3 ppm</p>
Rain Water Harvesting (RWH)	<p>Level of the Ground water table: 6 m below ground level</p> <p>No. of recharge pits: 8Nos.</p> <p>Budgetary allocation ( Capital cost and O &amp; M cost):</p> <p>Capital cost : 2Lacs</p> <p>O &amp; M Cost : 0.50 Lakh per annum</p>
UGT tanks	<p>Residential:</p> <p>Domestic UG tank Capacity: 95 CUM</p> <p>Flushing UG tank Capacity: 120 CUM</p> <p>Fire UG tank Capacity: 500 CUM</p> <p>Commercial: considered above in residential</p>
Storm water drainage	<p>Natural water drainage pattern : as per contour</p> <p>Quantity of storm water: 23.47 m<sup>3</sup>/min</p> <p>Size of SWD: Storm Water Drain of Varying diameter ranges from 200 to 450 mm having avg. Slope 1: 200 will be provided along the road in project area.</p>
Sewage and Wastewater	<p>Residential:</p> <p>Sewage generation : 192m<sup>3</sup>/day</p> <p>Capacity of STP (CMD): 200m<sup>3</sup>/day</p> <p>STP technology : FAB</p> <p>Commercial:</p>

	<p>Location of STP: On Ground  DG sets (during emergency) Residential, commercial &amp; Club House: 200 KVA x 1no.  Budgetary allocation (Capital cost and O &amp; M cost):  Capital Cost : 18.00 Lakhs  O &amp; M Cost:10.77 Lakhs/annum</p>										
Solid waste Management	<p>Waste generated in the Pre Construction&amp; Construction phase:  Waste generation: 20 kg /day  Quantity of the top soil to be preserved: 1500 cum  Disposal of the construction waste debris:  Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for backfilling and recyclable material will be sold off to local vendors.  Waste generation in the operation phase Residential &amp; commercial:  Biodegradable waste: 429 Kg/day  Non-Biodegradable waste: 297 KG/Day  E-waste: Nominal  STP sludge: 14Kg/day  Mode of Disposal of waste:  Dry waste : Handed over to authorized recycled for further handling and disposal  Wet waste: Will be converted to compost using Organic Waste Convertrter [OWC].  E waste: Soil to authorized Vendor  Biomedical waste (If applicable) : Not Applicable  STP Sludge (Dry sludge) : Will be used as manure for gardening</p> <p>Area requirement:  1. Location(s) : On Ground as per layout  2. Area for the storage of waste &amp; other material : 80m<sup>2</sup>  3. Budgetary allocation (Capital cost and O&amp;M cost)  Capital Cost: 13.65lakhs  O &amp; M Cost:6.37 lakhs/annum</p>										
Green Belt Development	<p>RG area providedon ground as per by laws: 2231.02 m<sup>2</sup>(10% of gross plot area)  Club House in RG area (170 m<sup>2</sup>) + Swimming Pool (53 m<sup>2</sup>) = 223 m<sup>2</sup>(10% of RG area)  Landscaped area in mandatory RG : 2008.2 m<sup>2</sup> on ground  Excess Landscaped Area: 150 m<sup>2</sup>  Area for Tree Plantation = 11793.5 m<sup>2</sup>  Number &amp; list of trees species to be planted in the ground RG: 303nos  List of Proposed Plantation for the scheme:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Botanical Name</th> <th>Common Name</th> <th>Ecological Importance</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><i>Manikarazapota</i></td> <td>Chikoo</td> <td>Tropical fruit tree &amp; bird attracting tree</td> <td>34</td> </tr> </tbody> </table>	Sr. No.	Botanical Name	Common Name	Ecological Importance	Quantity	1	<i>Manikarazapota</i>	Chikoo	Tropical fruit tree & bird attracting tree	34
Sr. No.	Botanical Name	Common Name	Ecological Importance	Quantity							
1	<i>Manikarazapota</i>	Chikoo	Tropical fruit tree & bird attracting tree	34							

2	<i>Michelia champaca</i>	Champa	Evergreen timber plant, ornamental,	31
3	<i>Mimusop eselengi</i>	Bakul	Evergreen tree, timber yielding and medicinal plant	20
4	<i>Ficus benjamina</i>	Weeping fig	Evergreen & bird attracting tree	43
5	<i>Cassia fistula</i>	Golden shower	Drought tolerant, ornamental & medicinal plant	06
6	<i>Butea monosperma</i>	Flame tree	Used in pesticide & dye preparation.	23
7	<i>Cassia grandis</i>	Pink shower	Drought tolerant, ornamental & medicinal plant	30
8	<i>Saraca indica</i>	Sitaashok	Evergreen medicinal plant	18
9	<i>Roystonea regia</i>	Royal palm	Nitrogen fixer, ornamental plant	52
10	<i>Syzygium cumini</i>	Jambhul	Fruit tree & bird attracting tree	34
11	<i>Neolamarckia cadamba</i>	Kadamba tree	Tropical fruit tree & bird attracting tree	06
12	<i>Mangifera indica</i>	Mango tree	Evergreen & bird attracting tree	06

List of Shrubs

Sr. No.	Botanical Name	Common Name
1	<i>Duranta erecta</i>	Duranta
2	<i>Duranta repens</i>	Golden dew drop
3	<i>Nerium oleander</i>	Oleander pink
4	<i>Nerium oleander</i>	Oleander red
5	<i>Nerium oleander</i>	Oleander white
6	<i>Tecom a castanifolia</i>	Gaudichaudi
7	<i>Tabernaemontana coronatia</i>	Crape jasmine
8	<i>Tabernaemontana divaricata</i>	Tagar miniature
9	<i>Tabernaemontana corymbosa variegated</i>	Tabernaemontana variegated
10	<i>Plumbago auriculata</i>	Plumbago
11	<i>Cassia biflora</i>	Sonoran cassia

12	<i>Bougainvilleaglabra</i>	Paper flower
13	<i>Allamandaschottyc_compacta</i>	Golden trumpet
14	<i>Lagestromia indica</i>	Crape myrtle
15	<i>Hamelia patens</i>	Firebush
16	<i>Tecomastanse</i>	Yellow elder
17	<i>Acalyphawikesiana</i>	Acalypha marble pink
18	<i>Cortaderiaselloana</i>	Pampass grass
19	<i>Dianellaaustraliana</i>	Dianella grass
20	<i>Tagetesrecta</i>	Myeniaerecta
21	<i>Tecomacapensis</i>	Cape honeysuckle
22	<i>Galphimia glauca</i>	Golden thryallis
23	<i>Reveniaspectabilis</i>	Lemoniaspectabilis

Budgetary allocation( capital Cost& O & M Cost):

Capital Cost: 30.00 Lakhs

O & M : 5.00 Lakhs

Energy

Power Requirement

During Construction Phase:

Source of power supply MSEDCI.

Total demanded load will be 45 KW (Approx.)

D.G. Sets. (Approx.62.5 KVA as backup).

Fuel Requirement (Diesel at 100% loading) 15 ltrs./hr.

During Operation Phase:

Source of supply: MSEDCL.

Total Connected Load: 2262 kW

Total Demanded load: 1585 kW

Transformers: 630 KVA X 4 Nos, 315 KVA x 1 No

DG Sets: 200 KVA X 1 No.

Fuel Requirement (Diesel at 100% loading) 43 ltrs. /hr.

Total DG power consumption for residential buildings:170 KVA (common areas, lifts, booster pumps, WTP, STP, OWC, Water Supply and Flushing pumps)

Total DG power consumption for clubhouse and commercial buildings: 30 KVA

Energy saving measures

The following Energy Conservation Methods are proposed in the project:

Energy Saving Measures Proposed:-

Use of LED & CFL in Parking area, lift-lobby and stair-case.

Using Solar system in External Lighting (50%). & Landscape lights with LEDlamps.

Using V3F drive for all lifts.

As per MSEDCL requirements, we have planned to use low loss Transformer.Losses for Transformer shall, in principal, comply to ECBC norms.

We are planning to attain power factor of the installation near unity.

Following are the Energy efficient fixtures we plan to use in our project forenergy

conservation.

Energy efficient fixtures with T5 lamp & Electronic Ballasts are proposed for parking areas. LED & CFL type of light source is proposed for common Lobby, lounge, Staircase area. Automatic time based controls are proposed for all outside lighting to save power by avoiding manual switching ON & OFF the lights.

Motion Sensors are proposed in Car Parking Areas & Lift lobbies

The estimated saving in common area lighting consumption is up to 20% due to adopting above measures

Detail calculations & % of saving:

Sr. No.	Energy Conservation Measures	Saving %
1.	Lighting Fixtures with CFL & T5 with Electronic Ballast +Power.	20% on entire lighting load
2.	Lighting Control System on BMS & Sensors	10% street and common lights
3.	Solar water heating system/ lighting	20%
4.	Solar	Common lighting & small power.

Compliance of the ECBC guidelines: (Yes/No)(If yes then submit compliance in tabular form): Yes

	Section	Requirement	Remark
1	4.3.1	Roof Assembly U factor to be max. $0.261 \text{ w/m}^2 \text{ }^\circ\text{C}$	Done
2	4.3.2	Opaque walls – Max U factor to be $0.440 \text{ w/m}^2 \text{ }^\circ\text{C}$	Done
3	4.3.3	Vertical fenestration Max U factor to be $3.30 \text{ w/m}^2 \text{ }^\circ\text{C}$	Done
4	4.3.3	Vertical fenestration SHGC to be maximum 0.25	Done
5	4.3.3.1	Minimum visible transmission to be 0.20 for WWR	Done
6	5.2.2	Minimum equipment efficiencies for air conditioning	A.C. not provided by PP
7	6.2.1	Solar water heating for maximum 20% design capacity	Done
8	6.2.2	Equipment efficiency standards	Done
9	7.2	Lighting controls to be controlled by photo sensor or time switch	Done
10	7.2.1.4	Exterior lighting to be controlled by photo sensor or time switch	Done
11	7.3	Interior lighting power to be within specific limits	Done
12	7.4	Exterior lighting power to be within specified limits	Done
13	8.2.1.1	Maximum allowable power loss from transformer	Done
14	8.2.3	Power factor to be maintained between 0.95 and unity	Done
15	8.2.4	Check metering	Done
16	8.2.5	Power distribution system losses to be maintained less than 1 %	Done

Budgetary allocation (Capital cost and O&M cost)

Capital Cost: 38.8 Lakhs

O & M Cost: 0.50 Lakhs/annum

Number and capacity of the DG sets to be used :

During Construction Phase :62.5 KVA

During Operational phase:200 KVA

Type of fuel used : HSD

Environmental Management plans Budgetary Allocation:

During Construction Phase:

Sr. No.	Parameter	Total cost in RsLakhs / annum	Frequency
1	Water for Dust Suppression	7.0	Daily basis
2	Site Sanitation & Safety	1.5	Daily basis
3	Environmental Monitoring	2.4	Monthly
4	Disinfection	1.4	Weekly
5	Health Check up	1.5	Bi-Monthly
6	Total Cost	13.8	

During Operation Phase:

Sr. No.	Particular	Capital cost in Rs lakhs	O & M Cost in Rs lakhs / annum	Frequency
1	Sewage Treatment Plant	18	10.77	Daily O & M, inlet and outlet water quality testing for maintaining proposed parameters
2	Solid waste Management	13.65	6.37	Daily O & M
3	Rain water Harvesting	2	0.50	Monthly maintainence
4	Green belt development	30	5	Day to Day maintainence
5	Solar Energyequipments	38.8	0.50	MontlyMaintainence
6	Swimming Pool	30	5	Daily O & M
7	Water Treatment Plant	15	7.17	Daily O & M
Total		147.45	35.31	

Generation of Corpus fund and Commitment during operation phase

Project proponent shall generate corpus fund from individual flat owners for O & M during operation phase till handing over of premises to society

• Responsibility for further O &M:

Corpus fund shall be handed over to the society. While handing over

EnvironmentalManagement Facilities M.O.U. shall be made with society to accept responsibility offurther O &M

Traffic Management  
Parking provisions as per bye laws

	Car	Scooter	Cycle
Total Parking Required	154	602	590
Total Parking Provided	161	630	618

Equivalent car space available as per MoEF Norms

Norms	Parking Provided Nos	Area including driveway m <sup>2</sup>	Area available per car m <sup>2</sup>
Ground level covered parking (30 m <sup>2</sup> /car)	146	6051.43	41.45
Ground level open parking (25 m <sup>2</sup> /car)	15	4659.17	293.11

3. The proposal has been considered by SEIAA in its 81<sup>st</sup> & 85<sup>th</sup> meetings & 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 :

**General Conditions for Pre- construction phase:-**

- (i) This environmental clearance is issued subject to utilization of excess treated water.
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (iii) Occupation certificate shall be issued to the project only after ensuring availability of drinking water and connectivity of the sewer line to the project site.
- (iv) STP capacity shall be increased appropriately considering waste water generation.
- (v) 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.
- (vi) PP has to abide by the conditions stipulated by SEAC & SEIAA.
- (vii) 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.

(viii) "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.

(ix) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

**General Conditions for Construction Phase-**

- (i) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (ii) 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.
- (iii) 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.
- (iv) 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.
- (v) Arrangement shall be made that waste water and storm water do not get mixed.
- (vi) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (vii) 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.
- (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) 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.
- (x) 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.
- (xi) 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.
- (xii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rule's prescribed for air and noise emission standards.
- (xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xiv) 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.

- (xv) 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.
- (xvi) 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).
- (xvii) Ready mixed concrete must be used in building construction.
- (xviii) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- (xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxi) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxii) 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.
- (xxiii) 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.
- (xxiv) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxv) 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.
- (xxvi) 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.
- (xxvii) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxviii) 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.

- (xxix) Diesel power generating sets proposed as source of back up 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.
- (xxx) 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.
- (xxxi) 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.
- (xxxii) 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 aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- (xxxiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- (xxxiv) 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.
- (xxxv) 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.
- (xxxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

#### **General Conditions for Post- construction/operation phase-**

- (i) 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.
- (ii) 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.

- (iii) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (iv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (vi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (vii) 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 be reported to the MPCB & this department.
- (viii) 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>.
- (ix) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- (x) 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.
- (xi) 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<sub>2</sub>, NO<sub>x</sub> (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.
- (xii) 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.
- (xiii) The environmental statement for each financial year ending 31<sup>st</sup> 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 Environmental 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 for a period of 7 years as per MoEF&CC Notification dated 29<sup>th</sup> 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 environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



(Malini Shankar)  
Member Secretary, SEIAA

**Copy to:**

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri. Jagdish Joshi, Chairman, IAS (Retd.). SEAC-III, Flat no. 3, Tahiti chs. Juhu Vers Ova Link Road, Andheri (W), Mumbai- 400 053.
3. Additional Secretary, MOEF, 'MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.

4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Pune.
7. Collector, Pune.
8. Commissioner, Municipal Corporation, Pune
9. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
10. Select file (TC-3)

(EC uploaded on 22/07/2015 )

## **ENCLOSURE III**

**COPY OF CONSENT TO ESTABLISH**

## MAHARASHTRA POLLUTION CONTROL BOARD

Phone : - 24010437/24020781/24014701

Fax : - 24044532 / 24023516

Email : - [enquiry@mpcb.gov.in](mailto:enquiry@mpcb.gov.in)

Visit At:- <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion-Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 400 022

### *Infrastructure/Orange/L.S.I*

*Consent order No: Format 1.0/BO/ROHQ/CE/PN-19896-13/CC- 3095*

*Date 29/03/2014*

To,  
M/s. Eisha Properties Unit V,  
"Eisha Zenith",  
Gat No. 95/2, 95/3, Tathawade, Dist. Pune.

Sub : Consent to Establish in Orange category for Building / construction project.

Ref : Minutes of Consent Committee meeting held on 18/03/2014

Your application:- CE-131000661

Date: 21/11/2013

For: Consent to Establish for Construction of Residential 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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011 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 the unit or five years, whichever is earlier.
2. The Proposed Capital investment of the Project is Rs 95.00 Crs. (As per CA certificate).
3. The Consent to Establish is valid for development of new Residential project by M/s. Eisha Properties Unit V named as "Eisha Zenith" at Gat No. 95/2,95/3, Tathawade, Dist. Pune on total plot area of 22,900.0 m<sup>2</sup> and total construction area of 46,349.54 m<sup>2</sup> As per construction commencement certificate issued by local body.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	214.0 CMD	As per Schedule –I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.

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

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG sets (125 + 250 KVA )	2	As per Schedule -II

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Maharashtra Pollution Control Board  
Mumbai - 400 022

6. Conditions under Municipal Solid Waste (Management and Handling) Rule,2000

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Biodegradable Waste	567.0	Kg/Day	OWC	Used as manure
2.	Non Biodegradable Waste	525.0	Kg/Day	Segregation	By sale
3.	STP Sludge	34.0	Kg/D	---	Used as manure

7. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.

9. The applicant shall submit an affidavit within 15 days in the prescribed format towards not taking further effective steps prior to obtaining the Environment Clearance and BG of Rs. 10 Lakh for ensuring the compliances.

10. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

11. The applicant shall submit Board Resolution towards commencement of construction work without obtaining consent to Establish from the Board and EC and applicant shall submit a Bank Guarantee of Rs. 2.0 Lakh towards submission of Board resolution by 10/04/2014.

For and on behalf of the  
Maharashtra Pollution Control Board



Rajeev Kumar Mital IAS  
Member Secretary

Received Consent fee of

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	1,25,000/-	049302	18/11/2013	Axis Bank

Copy to:

1. Regional Officer, MPCB, Pune. And Sub-Regional Officer, Pune Pimpri Chinchwad , they are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 220.0 CMD  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1	pH	Not to exceed	6.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
3	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
4	Detergent	Not to exceed	01 mg/l.

C] The treated domestic effluent shall be 60% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. The remaining shall be discharged into Municipal sewer/ utilized on land for gardening after conforming to above standards. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. In no case effluent shall find its way to any water body directly /indirectly at any time.

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works 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 an extension or addition thereto.
- 3) The firm 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) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made thereunder for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	266.0

Schedule-II

Terms & conditions for compliance of Air & Noise Pollution Control:

1. As per your application, you have proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	Height in Mtrs. (Above roof top)	Type of Fuel	Quantity
1.	DG sets (125 + 250 KVA )	4.0	HSD/ Diesel	45.0 Lit/Hr

\* D.G. Set shall be operate only in case of power failure.

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:

Particulate matter	Not to exceed	150.00 mg/Nm <sup>3</sup> .
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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 during construction phase:-

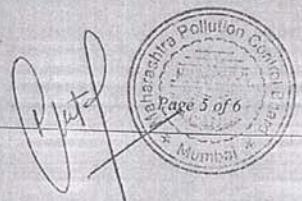
a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise generating activity shall be carried out during day time only.



**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	Establish	Rs. 5.0 lakh	15 days	Rs. 5.0 lakh for ensuring the compliance of consent conditions.	Upto Commissioning of the unit	Five years
2	Establish	Rs 10.0 Lakh	15 days	Rs. 10 lakh for not taking any effective steps prior to obtaining the Environment Clearance	Upto Obtaining Environment Clearance.	Five years
3	Establish	Rs. 2 Lakh	15 days	Rs. 2.0 Lakh towards submission of Board resolution by 31/03/2014	10/04/2014	31/07/14

SRO Pimpri Chinchwad I/O/L/96638000

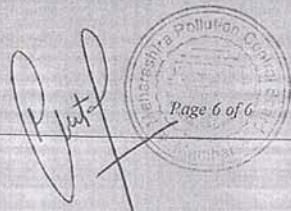


Schedule-IV

**General Conditions:**

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

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 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) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & 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) The industry 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.



## PART D

ANNEXURE NO.	ANNEXURE
<b>Annexure 1</b>	Commencement Certificate
<b>Annexure 2</b>	Final Fire (CFO) NOC
<b>Annexure 3</b>	Development Plan Remarks Copy
<b>Annexure 4</b>	Ambient Air, Noise and Water Monitoring and Analysis reports
<b>Annexure 5</b>	Structural Stability Certificate
<b>Annexure 6</b>	Advertisement Copy in Local News Paper

## **Annexure 1**

### Commencement Certificate

To, Adv. S. Shakes

पिंपरी चिंचवड महानगरपालिका, पिंपरी - ४११ ०१८.

(यांपुढील पत्र व्यवहारात खालील क्रमांक व दिनांक याचा अल्पेक्ष कशाबा.)

(जागेच्या वा इमारतीच्या कायदेशीरी मालकी हुलकारे सूखेपैलकात न घेता असा दारांना हे समतीपत्र देश्यात घेतारांना)

(कमेन्ट बैट रस्ट्रिप्पिंग)

— बांधकाम चाल कुरणप्परता दाखला —

ज्ञ.प्र.१०. रेष्टाकन [एक एवं दीपी] कोडे तापापउ/ता. अंकुराची/सं. १५/१०.८४/३ असपु.२५५८  
सदर बांधकाम घालू करण्याचा दाखला आणि बांधकामाचे संतातीप्रव महाराष्ट्र प्रादेशिक व जारीरचना अधिनियम, रु. १९६६ परी कलमे प्र.१०/१०  
कॅलिं तरुणीप्रमाणे अटीवर देश्यात येत आहे आणि मुंबई महानगरपालिका अधिनियम १९४९ ची कलमे (सेवेन्ट्स) २५३ वे २५४  
तरुणीप्रमाणे खालील अटीवर देश्यात येत आहे.

पिंपरी चिंधवड महानगरपालिका

ਪਿੰਡੀ - ੪੯੯ ੦੯੮

क्रमांक - दी.पी. / लाइसेंस/लेजार्ड/ ०४ /३०१९

दिनांक: २८ / ०३ /२०१९

१०००/- अमेरिकी/मे. अरन नागोदी रु. ५००

द्वारा ला सं. श्री. इष्टदिल देशपांडी

पता ए-१, सव्वेश न्यौबड १९३२ भाग्येत्ते

३५४ व दिवाली पश्चात् यात्रा

मा. शहर अभियंता

पिंपरी खिंचवड नहानगरपालिका यांजकडन -

महाराष्ट्र प्रादेशिक व नगररक्षना अधिनियम १९६६ द्ये कलम ४५ आणि मुंदई प्रांतिक महानगरपालिका अधिनियम १९४९ कलमे २४३ व २४५ अनुसारे प्रिया विषयावधारावर निम्नानुसारे नोंदावली दिली आहे.

४५ अन्यथा १५४ वा विवेद महानारायणलक्ष्मी समाप्ति । १५४५३ येतील सर्वे न । १५४५३ ।

स्पौट नं । मधील दांधकाम अप्प्यायाती महानारायणलिकेला ज्ञानी नोंदीत तिनी ती  
४५४५ १०२/२०१० या दिवशी पोहोचली, र्यावरून काम करण्यात रातीला लिहिलेला अदीवर व जावा आढ क. तो  
४५ दिनांक समाप्त दिव्यात येत आहे.

ज्ञायतन्त्र्या नवीन दृष्टिकोणात दार्शनिकांनांनो लक्ष्य केले आहिते.

जोत्यापर्यंत काम आव्याहारात्मक सेट-डॅक नगर नियोजन कार्यालयकहून तपासून व्यापैत. त्याशिवाय जोत्यापरीकृत काम सुरु कर्न नये.

4) सावधान नकाशावर मार्ग लिहिलेल्या / अर्टीवर हे संमती पत्र देख्यात येत आहे.

5) या प्लॉट्टरवर नवीन इमारत वांगकाम करण्यात आले आहे. त्या इमारतीचे कंप्लीशन सर्टिफिकेट भागाच्यापुर्वी प्रत्येक मालकांने इमारतीसमोर कंवर्जन्ड वॉलच्या आत व वांगर झाडे लावून ती व्यवस्थित वाढविण्याच्या दृष्टीने योग्य ती व्यक्तिया, खरादारी व्यादी त्याशिवाय कंप्लीशन सर्टिफिकेट मिळाणार नाही. रस्तावारील झाडांना जरूर ते संचारण कुण्ठण अर्जदाराने फरवावाराये आह. तसेच मालकानांपासून लेण्डर प्राप्तिक विवाहातात येत नाही.

इमारतीये कंपनीशन सर्टिफिकेट देताना रस्त्यावीटी व आतील जागूस टाकण्यायत आलेले इमारतीया राठारोडी उचलून जाणा साफ सेल्यालिंगा आवश्यक विकास देण्याचा आवश्यक आहे.

वर्षीय वार्षिकाम सुरु करताना संबंधित जागरूकत्वे झाडे असल्याच ती द्वी अंथोरिटींची पूर्वपरवानगी येतल्याशिवाय तोहु नयेत

अपेण संवेदित बांधकाम है मुद्रें प्राचीन बहानाप्रस्पलिका अधिनियम १९४९ व महाराष्ट्र प्रादेशिक नगररक्षा अधिनियम १९६६ द्वारा तरहुदीया भंग करने सक्षम अधिकाराणी पूर्व परवानगी न घेता सुकू फैल्यावहल/तसेव इकडील मंजूर नकाशामोरों बांधकाम का रकरा तथा घटल घेरेरकर करने या बांधकामापे सुधारित नकाशात पूर्व परवानगी न घेता बांधकाम केल्यावहल उपरार्थीते प्रवापाता प्रवक्त न घेता बांधकाम केल्यावहले आपणातिरिक्त वरीव नियमानुसार दंडालक कार्यादासी करण्यावाहि रिं. रिं. मंजूर पा. एक इकू घटल घेता आवे

वाधकाम साहित्य अथवा जुन्ना वांधकामाचा निघालेला रांडारोडा तार्फजनिक रस्त्यावर अथवा कोपताळी अडयाळा येणार नाही अशा ठिकाणी ठेवावा जर हे साहित्य अशा ठिकाणी ठेवल्यांचे आडल्यास त्यासाठी चुणारित विकास नियरेंग नियावालीनुसार निवासी वापरासाठी रु. २५/- - व वाणिज्य वापरासाठी रु. ५०/- - प्रति घंटा. प्रती प्रमाणे प्रति सप्ताहांसाठी तंद अंतर्वर्षात देणे -

युएलती विभागाकडील आदेशानुसार १३०.०० चौ.मी. शासनास देय कैंव्र अपर जिल्हाधिकारी व सक्षम प्राधिकारी, मुगे नाही समुह, पुणे याचे कार्यालयाकडे हस्तांतरण करणे अर्जदार यांचे वर बंधनकारक राहील.

- ०) आपल्या इमारतीचे सांडपाणी नलिका भ.न.पा. ड्रेनेज नलिकेला मालकाने स्पृखदनि जोडावयास हडी.
- १) भूरंडधारकांने, प्रोनोटर / विलडेने अथवा प्रकल्प संधकाम करणाऱ्या ठेकेदाराने पूर्णत्वाचा दाखला घेणेपूर्वी नियोजित निवासी / व्यापारी यांके घारकाच्या यापुढे येणाऱ्या कोणत्याही तळाकारी भ.न.पा. जायादावर राहणार नाही. असे प्रतिक्रियापत्र (स्पेशल प्रिव्हेट्सुटिंग ऑफिस्ट्रॉट याचे स्वाक्षरीचे) भ.न.पा. कडे सादर करावे. पाणी पुरवठा, जलनिःसारण, उचान, उग्राशामक व आरोग्य विभागाचा न्हा हस्तक दाखला इकडे सादर करावा.
- २) इमारतीच्या तळमंजल्यावर गाळेघारकाच्या नंवे दर्तविळेती टपालपेटी (Letter Box)-सुरुच्या ठिकाणी खसविणे बंधनकारक राहील त्यावैरीज इमारतीचा भाग अथवा पूर्णत्वाचा दाखला दिला जाणार नाही.
- ३) विकास आरखड्यातील रस्ता रुंदीने शेत्र नियमानुसार महानगरपालिकेच्या तास्यात देणे बंधनकारक आहे.
- ४) इमारतीच्या सलोह कॉफीटी (आर.सी.सी.) कामाच्या सर्व बाजूकरिता आधार व आकाशसाठी लाकडाचा वापर करू नये. त्यासाठी लोखंडी आधासाचा वापर करणे बंधनकारक राहील.
- ५) इंडियन सो. ऑफ स्ट्रॉबरल इंजिनिअर्स पुणे - ३०. या संस्थेकडील भान्यताप्राप्त दर्जाच्या स्ट्रॉबरल इंजिनिअर्सची इमारतीच्या कामासाठी नेमणूक करण्यात यावी, तसेच सदरचे कोम स्वीकारल्या यावताचे स्ट्रॉबरल इंजिनिअर्स याचे पत्र या विभागाकडे सादर करणे आवश्यक आहे. तसेच पत्र सादर केल्याशिवाय इमारतीच्या संधकामास सुरुवात करू नये.
- ६) भुंखंडाच्या संबंधित सहानाही असेही कर भरल्याचा करसंकलन विभाग भ.न.पा. यांकेकडील दाखला / पावती सादर केल्याशिवाय यांदेलांने खालू करू नये.
- ७) मंजूर रेखांकनातील खुली जागा विकास नियंत्रण नियमावलीप्रमाणे नियम द्र. ११.३.१.५. नुसार तरुदी अधिन विकसीत करणे बंधनकारक आहे. त्याविद्यार्थी भाग, असेहा पूर्णत्वाचा दाखला दिला जाणार नाही.
- ८) विकास आरखड्यातील रस्ता रुंदीने शेत्र नियमानुसार महापालिकेच्या तास्यात देणे बंधनकारक आहे. रस्ता रुंदीने शासीत शेत्र भ.न.पा. ये नावे लागूने तसा सुधारित मालमताप्रक दोजणी नकाशा, भाग अथवा पूर्ण भोरंडवाप्रक घेणेपूर्वी या कार्यालयाकडे सादर करणे आवश्यक आहे. यावादाव भनपाये भूमी-जिंदावी विभागाचा न हक्कत दाखलांने सादर करणे बंधनकारक आहे. तसेच सदर्हू रस्ता रुंदीने शेत्र यांचे खटीमुरीकरण महापालिकेच्या विनियोगप्रमाणे अर्जदार रद्दत: खर्चाने करणार अथवा गटानगरपालिकेगा लालेलेगा प्राणलित तराने खटीमुरीकरण खर्च भरणे आवश्यक आहे.
- ९) प्रत्युत प्रकरणातील गोपाली नकाशा गटावाहीनुसार नस्तू नोंदवाव दृष्टीकावत यात निर्माण झालेला भ.न.पा. जायादार राहणार नाही. नगरभुमापन कार्यालयाकडील सुधारित भोजणी नकाशा / व मालमता पत्रक शादर केल्याशिवाय यांपकामास भाग अथवा पूर्णत्वाचा दाखला देण्यात येणार नाही.
- १०) प्रत्युत प्रकरणातील भुंखंडाचे एकत्रिकरण नगर भूमिपत्र कार्यालयाकडून घेऊन, त्याप्रभावी सुधारीत मालमताप्रक घ. भोजणी नकाशा भोगवाप्रक घेण्यापूर्वी या विभागाला सादर करणे आवश्यक आहे.
- ११) ३०० चौ.मी. ड दरील क्षेत्राचे भूरंडलायरूल इमारतीसाठी (दावरस्ती केत्र वगळून) इन डॉर्टर हावेस्टीन व्यवस्था करणे बंधनकारक आहे.
- १२) भूरंडलाच्या पोहोच रस्ता व आसपासाचे क्षेत्रातील पाण्याचा निघरा होणे सार्वजनिक आरोग्याचे दृष्टीने आवश्यक आहे. त्यासाठी विकास नियंत्रण नियमावलीतीत नियम द्र. १.१ नुसार ती डॉर्टर गोलजन करण्याही सर्वांकी जावाकलांनी विकसक / अर्जदार यांचेवर राहील. अशाप्रकारे पांगसाळी पाण्याचा नैसर्गिकरित्या निघरा होण्यास कोणत्याही प्रकारे दाढ येणार नाही. यावादतची योग्य ती खबरदारी घेणे विकसक / अर्जदार यांचेवर बंधनकारक राहील. यावादत संवेदित गाळेघारक रहिवासी यांची कोणत्याही प्रकारे तकार / हरकत नियमां झाल्यास त्यांचे संुरुत: निरकरण करण्याची जायादारी विकसक / अर्जदार यांचेवर राहील. त्याची भ.न.पा. स कोणत्याही प्रकारे तोवीस लागू देणार नाही. या अटीदार सदरहू बांधकाम खालू करण्याचे संतरी पत्र भंजून करण्यात येत आहे.
- १३) साईटवर राहणाऱ्या सर्व संधकाम मजूरांसाठी स्वच्छ पिण्याचे पाणी व स्वच्छतागृहांसी सोब उंवलव्य करणे विकसकावर बंधनकारक आहे.
- १४) विकास नियंत्रण नियमावलीनुसार इमारतीमध्ये पुरविण्यात आलेल्या पार्किंगचे क्षेत्र यांके घारकांसाठी विना नोबदला उपलब्ध करून देणे विकसकावर बंधनकारक राहील.

स्वच्छ प्रतीवर मा. शहर अभियंता  
संघी स्वाक्षरी असे.

शहर अभियंता, कृशीना  
पिंपरी विचार नियमावलिका,  
पिंपरी - ४११ ०९८

त माहितीसाठी :- १) मा. जिल्हाधिकारी, मुगे जिल्हा आर. चौ. (पुणे) माहितीसाठी  
२) सहा. मंडळाधिकारी, पिंपरी विचार नियमावलिका, भ.न.पा./पिंपरी वाधेरे/पिंपरीनगर/विचार/भोसरी कासारवाडी/आरुडी/निंगडी/प्राधिकरण/सांगवी/पिंपळे/गुरुद्व/पिंपळे निलंख/पिंपळे सांदागर/वाकडे रावेत / रहाटणी / घेरावांद यांना माहिती त पुढील कार्यवाहीसाठी  
३) करसंकलन विभाग, मुख्य कार्यालय

## **Annexure 2**

Final Fire (CFO) NOC

Token No = 103314150010521  
Dated = 04/12/2014-28/04/2015  
File No = 281

Pimpri Chinchwad Municipal Corporation  
Fire Department  
No. Fire / 5W / WS / 526/2015  
Dt. 30/11/2015

Final Fire No Objection Certificate for Buildings

With reference to the application dt. 04/12/2014-28/04/2015 of the under mentioned applicant, technical site inspection had been carried out by the Officer of the department in accordance with the submitted plan copies and documents.

Final Fire No Objection Certificate is being herewith issued as per Rule 6.2,6.2.1, Rule 19 of DC Rules of PCMC, GR.Dt.10/03/2010 and Maharashtra Fire Act - 2006

**Plot Area(Permissible FSI ) -15767.90 Sq.Mtrs.**

Bldg Nos.	Ht. (Mtrs) G.L	B/up Area (Sq.mt)	No. of Floors	Occupancy type
A+B+C	36.00m (Each)	10287.82 Sq.mt	GP+11(Each)	Residential

This Final NOC is issued as per layout and building plans sanctioned, Fire Supplier's Certificate from fire prevention point of view. Rules governing of department are applicable from time to time.

1. **Side margins** being maintained, to be kept free of obstructions, all the time.
2. **Emergency Contact Numbers** Board of Fire, Ambulance, Police, MSEB, etc being displayed at the gate.
3. **Overhead Fire water tank** being provided.
4. **Underground Fire tank** being provided with fire service Inlet at accessible position.
- 5.a) **Riser cum Down Comer System** of 4" dia, Terrace pump with accessories being provided.  
b) **Riser cum Down Comer System** of 6" dia, Terrace Pump and Ground Pump and Hose Pipes, Hydrant Valves, Alternate floor Hose Reel, Nozzle, etc. being provided.
6. **Sprinkler System** being provided for Basements areas and for fully Commercial Buildings having Floor coverage area of more than 500 sq.mts.
7. **M.C.P. and P.A. Communication System** with Talk Back facility being provided.
8. **Fire Staircase** being provided with **Fire Doors**.
9. **Fire Lift/Fire cum Stretcher/Hospital Lift** (large) with fireman's switch being provided.
10. **Independent Refuge Area** A-48.72, B-52.21, C-35.37 Sq.mts, 8th floor being provided at the front & conspicuously marked for identification.
11. **ABC Fire Extinguishers**, 4 kg capacity - 39 nos. being provided.
12. **Courtyard/Parking Hydrants** with one 4 way Collecting Head for each wing being provided apart from the building in front, at accessible position.
13. **Fire Fighting Pump Installation and Emergency Lighting System**, Fire Lift being connected to Independent Backup System, to be kept in operation for all the time
14. Basement being provided with proper Dewatering and Smoke extraction system.
15. **EXIT / SAFETY Directional Sign boards** being provided for Commercial Complexes.
16. **Laser Beam Detectors** for Shopping Malls & Multiplexes being provided.
17. **Evacuation Plan/Fire Orders** being submitted for Non Apartment Buildings.

18. Smoke Detection System being provided for Commercial building.

19. Spacious Fire Control Room being provided for Special Bldg under Fire Officer

NOC Applicable Points No. : 1,2,3,4,5b,7,8,9,10,11,12,13 Only

NOC Remarks: 1. Prov. Fire NOC No. Fire/5/WS/470/2010, Dt. 01/04/2010.  
2. Prov. Fire NOC No. Fire/5/WS/192/2012, Dt. 31/05/2012  
3. Revised to Prov. Fire NOC No. Fire/5W/WS/1259/2015, Dt. 11/02/2015  
4. Subject to Sanctioned Plan No. Tathwade /10/2014, Dt. 30/04/2014

The Builder/Promoter/Architect, etc. to enter Annual Maintenance Contract with certified Fire Agency for minimum period of 3-5 years towards, efficient working of the system and to hand over the entire Fire Fighting system in operating condition to the Society/Apartment/Occupier, officially during the Tenement/Society handing over process.

It is the sole responsibility of the occupier to maintain and keep in good working conditions all the time, the installed fire fighting system and keep in use and impart training of the use of system to the tenements, as per Sec. 3(1) of Mah. Fire Act – 2006, failing of which the NOC shall be deemed cancelled.

The Occupier / Fire Agency should submit Certificate for proper maintenance and good working condition of the fire fighting system every year to this office as per Sec.3(3) of Mah. Fire & Life Safety Act – 2006, in "B" Form.

The Fire Office reserves the right of entry for surprise visit and inspection of the system as per the Sec. 5(1) of the Mah. Fire & Life Safety Act - 2006.

\*Difference of Fees amount if any, found during Audit, in future, will be recovered from the Applicant / Occupier.

(Abbrv: B-Basement, Gr.-Ground, Po-Podium, Pr-Parking, BP-Basement Parking, GP-Ground Parking)

Site Address –

(03 Bldg) Eisha Zenith  
S. No. 95/2, 95/3, Tathawade,  
Pune.

Fire System Installer-  
M/s. India Automation & Fire Solution  
Office No. 4, Pushpashanti Tower,  
Karve Road, kothrud, Pune



Addl. Commissioner  
Pimpri Chinchwad Municipal Corporation  
Pimpri – 18

To,  
M/s. Swapneel J. Deshpande Arch.  
95/B, Prabhat Road, Erandwana, Pune – 04.  
For – Mr. Bharat Nagori.

Payment No.	Fire NOC Fees Rs.	Payment Date
Total Fire Fees	23,60,700/-	.....
Pre- Paid Fees	-1,21,900/-	13-Dt-01/04/2010
Pre- Paid Fees	-16,17,600/-	366-Dt.31/05/2012
Please Accept Diff. Fees.Rs.	6,21,200/-	Before Dispatch

Copy to,  
Bldg. Permission Department,  
PCMC, Pimpri

For information....

Token No =103316170002350  
Dated =04/06/2016 – 04/07/2016  
File No = 340

Pimpri Chinchwad Municipal Corporation  
Fire Department  
No. Firc/ADMC / 5W / WS / 887/2016  
Dt. 24/7 / 2016

**Final Fire No Objection Certificate for Buildings**

With reference to the application dt. 04/06/2016 – 04/07/2016 of the under mentioned applicant, technical site inspection had been carried out by the Officer of the department in accordance with the submitted plan copies and documents.

Final Fire No Objection Certificate is being herewith issued as per Rule 6.2,6.2.1, Rule 19 of DC Rules of PCMC, GR.Dt.10/03/2010 and Maharashtra Fire Act – 2006

**Plot Area (Permissible FSI ) – 15767.90 Sq.Mtrs.**

Bldg Nos.	Height from G.L	No. of Floors	Built up Area	Occupancy type
D Wing	35.99 Mts	GP + 11	3326.60 Sq.mt	Residential

This Final NOC is issued as per layout and building plans sanctioned. Fire Supplier's Certificate from fire prevention point of view. Rules governing of department are applicable from time to time.

1. Side margins being maintained, to be kept free of obstructions, all the time.
2. Emergency Contact Numbers Board of Fire, Ambulance, Police, MSEB, etc being displayed at the gate.
3. Overhead Fire water tank being provided.
4. Underground Fire tank being provided with fire service Inlet at accessible position.
- 5.a) Riser cum Down Comer System of 4" dia, Terrace pump with accessories being provided.  
b) Riser cum Down Comer System of 6" dia, Terrace Pump and Ground Pump and Hose Pipes, Hydrant Valves, Alternate floor Hose Reel, Nozzle, etc. being provided.
6. Sprinkler System being provided for Basements areas and for fully Commercial Buildings having Floor coverage area of more than 500 sq.mts
7. M.C.P. and P.A. Communication System with Talk Back facility being provided.
8. Fire Staircase being provided with Fire Doors.
9. Fire Lift/Fire cum Stretcher/Hospital Lift (large) with fireman's switch being provided.
10. Independent Refuge Area 101.96 Sq.mts, 8<sup>th</sup> floor being provided at the front & conspicuously marked for identification.
11. ABC Fire Extinguishers .4 kg capacity 13 nos. being provided.
12. Courtyard/Parking Hydrants with one 4 way Collecting Head for each wing being provided apart from the building in front, at accessible position.
13. Fire Fighting Pump Installation and Emergency Lighting System. Fire Lift being connected to Independent Backup System, to be kept in operation for all the time
14. Basement being provided with proper Dewatering and Smoke extraction system.
15. EXIT / SAFETY Directional Sign boards being provided for Commercial Complexes.
16. Laser Beam Detectors for Shopping Malls & Multiplexes being provided.
17. Evacuation Plan/Fire Orders being submitted for Non Apartment Buildings.

18. Smoke Detection System being provided for Commercial building.

19. Spacious Fire Control Room being provided for Special Bldg under Fire Officer

NOC Applicable Points No.: 1,2,3,4,5b,7,9,10,11,12,13 Only

**NOC Remarks:**

1. Subject to Provisional Fire NOC No. Fire/5W/WS/556/2015, Dt. 30/11/2015
2. Subject to Revise Fire NOC No. Fire/5W/WS/1259/2015, Dt. 17/02/2015
3. Subject to Sanctioned Plan No. BP/Tathavde/18/2015, Dt. 06/11/2015

The Builder/Promoter/Architect, etc. to enter Annual Maintenance Contract with certified Fire Agency for minimum period of 3-5 years towards, efficient working of the system and to hand over the entire Fire Fighting system in operating condition to the Society/Apartment/Occupier, officially during the Tenement/Society handing over process.

It is the sole responsibility of the occupier to maintain and keep in good working conditions all the time, the installed fire fighting system and keep in use and impart training of the use of system to the tenements, as per Sec. 3(1) of Mah. Fire Act – 2006, failing of which the NOC shall be deemed cancelled.

The Occupier / Fire Agency should submit Certificate for proper maintenance and good working condition of the fire fighting system every year to this office as per Sec.3(3) of Mah. Fire & Life Safety Act – 2006, in "B" Form.

The Fire Office reserves the right of entry for surprise visit and inspection of the system as per the Sec. 5(1) of the Mah. Fire & Life Safety Act - 2006.

\*Difference of Fees amount if any, found during Audit, in future, will be recovered from the Applicant / Occupier.

(Abbrv: B-Basement, Gr.-Ground, Po-Podium, Pr-Parking, BP-Basement Parking, GP-Ground Parking)

**Site Address –**

(One Bldg.)  
Site – EISHA ZENITH  
S. No. 95/2, 95/3,  
Tathawade, Pune.

**Fire System Installer-**

M/s. Tejfire Safety India Pvt. Ltd  
Office No.B-21, Ground Floor,  
Balaji Krupa Budg., Balaji Nagar,  
Pune.

Addl. Commissioner

Pimpri Chinchwad Municipal Corporation

Pimpri - 18

To,  
✓ M/s. Swapneel Deshpande, Arch.  
A-1, Success Chambers, 1232,  
Apte Road, Pune – 411004  
For – Mr. Bharat Nagori

Payment No.	Fire NOC Fees Rs.	Payment Date
Total	27,56,900/-	
Previous Paid	-16,17,600/-	366 – 31/05/2012
Previous Paid	-1,21,900/-	13 – 01/04/2010
Previous Paid	-6,21,200/-	303315160014531 – 30/11/2015
Please Accept Rs.	3,96,200/-	Before Dispatch

### **Annexure 3**

Development Plan Remarks Copy

नगर रचना आणि मूल्य निधारण विभाग

जा.क्र. संसंनर-पुणे / अंतिम प्रा.यो.पुणे / झोन दाखला / २२३

२८३, नारायण पेठ,

पुणे ४११०३०

दिनांक: १३।३।१७६

प्रति, श्री. जालिंदर मारुती तांड

विषय: गौजे ताथवे ता. मुक्कशी जिल्हा - पुणे

येथील स.नं. / ग्रांट. ८५

या जमिनीच्या झोन दाखल्यावावत.

संदर्भ: आपला दिनांक १०।३।०८ चा अर्ज.

महोदय,

शासनाच्या नगर विकास विभागाकडील दि. २५/११/१९९६ ची अधिसूचना क्र. टिपीएस/१८९५/२२७/प्र.क्र.२६/९५/नवि-१३ द्वारे पुणे जिल्ह्याची प्रादेशिक योजना मंजूर केली आहे. सदरची मंजूर प्रादेशिक योजना दि. १०/२/९८ पासून अंमलात आलेली असून या योजनेस अंतिम पुणे प्रादेशिक योजना असे संवोधण्यात येत आहे. सदर प्रादेशिक योजनेमधील प्रस्तावित जमीन वापर आराखड्यानुसार

गौजे ताथवे  
स.नं. / ग्रांट. ८५

ता. मुक्कशी

जिल्हा - पुणे

ही जागा — रहितारा —

या विभागात येते व ती ८ मी. रक्कता

या प्रस्तावित रक्ता रुंदीने वाधीत होणे

टीप: संदर्भित जागेत अनधिकृत भूखंड असलेला विभागाच्या मानकानो एप्रॅक्टुन सुधारित विकास नियंत्रण नियमावलीनुसार सुधारीत भूमि अभिन्यास/फेर.आखणी तयार करून त्यास मंजूरी घेतल्याशिवाय अकृषिक असलेल्या विभागात यांधकाम अनुडोय झोगार नाही, याची कृपया नोंद घ्यावी, कायदेशिर यांधकामाखेरीज वीजपुरवठा / यांधकाम परवानगांसाठी सदरचा दाखला गाठा घरु नये.



आपला

सहाय्यक संचालक नगर रचना  
पुणे शाखा, पुणे करीता.  
१३।३।१७६

## **Annexure 4**

Ambient Air, Noise and Stack Emission  
Monitoring and Analysis reports



ULR -TC560018000001111F

Environmental Consultancy &amp; Laboratory

Lab. Gazetted by MoEF-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]

Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600, Valid Until 27.05.2019 in the field of Testing]

ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V  
 For Your Site: "Eisha Zenith"  
 At Tathavade, Pune

REPORT NO. : UT/ELS/REPORT/1381/12-2018  
 ISSUE DATE : 20/12/2018  
 YOUR REF. : WO/EPU-5/EZ/A93  
 REF. DATE : 02/11/2015

SAMPLE PARTICULARS :		AMBIENT AIR QUALITY MONITORING
Sampling Plan Ref. No.:	C-43/04-2018	Location Code : 01
Sample Registration Date :	14/04/2018	Sample Location : Near Main Gate
Date of Sampling :	12/04/2018	Co-ordinates: N18°36'42.80"; E73°44'41.36"
Time of Sampling :	14:00 Hrs. to 22:00 Hrs.	
Analysis Starting Date :	14/04/2018	Collected By : ULTRA-TECH
Analysis Completion Date :	18/04/2018	Height of Sampler : 1.0 Meter
Sample Lab Code :	UT/ELS/C-250/04-2018	Sampling Duration : 08 Hours
Ambient Air Temperature :	28.6°C to 35.7°C	Relative Humidity : 46.8% to 63.8%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	16	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	28	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method IO-2.1	85	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	UT/LQMS/SOP/AA05	45	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.3	mg/m <sup>3</sup>

†: Sampling Period 1 Hr.

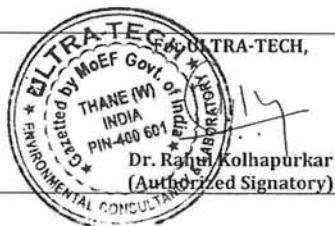
Opinions / Interpretations: National Ambient Air Quality Monitoring Standard, Part III, Section IV is provided in Annexure I for your reference.  
 (Turn over to find Annexure).

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - ENVIROTECH; Model - APM 460; Sr. No. 180DTB98	Valid up to - 23/01/2019
	Fine Dust Sampler	Make - NETEL; Model- NPM-FDS 2.5 A; Sr. No. FDS-02	Valid up to - 06/03/2019

Note:

1. This test report refers only to the sample tested.
2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.
5. Weather was Sunny & Clear during sampling period.

- END OF REPORT -



Page 1 of 1

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601.

Tel : +91-22-2534 27 76 / 2538 01 98 / 2533 14 33 Fax : +91-22-2542 96 50 Email : sales@ultratech.in

Pune : +91-20-27293043 - pune@ultratech.in Kochi : +91-484-4011173 / +91-9895200526 - kochi@ultratech.in

Kolkata : +91-33-40089145 / +91-9674488193 - kolkata@ultratech.in Delhi : +91-11-40158500 - delhi@ultratech.in

### ANNEXURE-I

**NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**  
**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	<i>National Ambient Air Quality Standards</i>	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM <sub>10</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM <sub>2.5</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), $\text{mg}/\text{m}^3$	08 Hours*	02	02
		01 Hours**	04	04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further



ULR -TC560018000001112F

Environmental Consultancy &amp; Laboratory

Lab. Gazetted by MoEF-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]

Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600, Valid Until 27.05.2019 in the field of Testing]

ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07/ +91 22 2547 62 17 Email : [lab@ultratech.in](mailto:lab@ultratech.in) Visit us at : [www.ultratech.in](http://www.ultratech.in)

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V  
 For Your Site: "Eisha Zenith"  
 At Tathavade, Pune

REPORT NO. : UT/ELS/REPORT/1382/12-2018  
 ISSUE DATE : 20/12/2018  
 YOUR REF. : WO/EPU-5/EZ/A93  
 REF. DATE : 02/11/2015

SAMPLE PARTICULARS :		AMBIENT AIR QUALITY MONITORING	
Sampling Plan Ref. No.:	C-43/04-2018	Location Code :	02
Sample Registration Date :	14/04/2018	Sample Location :	Near Club House
Date of Sampling :	12/04/2018 to 13/04/2018		Co-ordinates: N18°36'45.01"; E73°44'42.85"
Time of Sampling :	22:30 Hrs. to 06:30 Hrs.		
Analysis Starting Date :	14/04/2018	Collected By :	ULTRA-TECH
Analysis Completion Date :	18/04/2018	Height of Sampler :	1.0 Meter
Sample Lab Code :	UT/ELS/C-251/04-2018	Sampling Duration :	08 Hours
Ambient Air Temperature :	24.20°C to 28.1°C	Relative Humidit :	62.5 % to 79.8 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	14	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	24	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/605/R 96/010a Method 0.1	78	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	UT/LQMS/SOP/AA05	38	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.1	mg/m <sup>3</sup>

†: Sampling Period 1 Hr.

Opinions / Interpretations: National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference.  
 (Turnover to find Annexure).

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - ENVIROTECH; Model -APM 460; Sr. No. 180DTB98	Valid up to - 23/01/2019
	Fine Dust Sampler	Make - NETEL; Model- NPM-FDS 2.5 A; Sr. No. FDS-02	Valid up to - 06/03/2019

Note:

1. This test report refers only to the sample tested.
2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.
5. Weather was Clear during sampling period.

- END OF REPORT -



Page 1 of 1

**ANNEXURE-I**

**NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**  
**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	<i>National Ambient Air Quality Standards</i>	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), $\mu\text{g}/\text{m}^3$	Annual* 24 Hours**	50 80	20 80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), $\mu\text{g}/\text{m}^3$	Annual* 24 Hours**	40 80	30 80
03	Particulate Matter (PM <sub>10</sub> ), $\mu\text{g}/\text{m}^3$	Annual* 24 Hours**	60 100	60 100
04.	Particulate Matter (PM <sub>2.5</sub> ), $\mu\text{g}/\text{m}^3$	Annual* 24 Hours**	40 60	40 60
05.	Carbon Monoxide (CO), $\text{mg}/\text{m}^3$	08 Hours* 01 Hours**	02 04	02 04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further



ULR -TC560018000001113F

Environmental Consultancy &amp; Laboratory

Lab. Gazetted by MoEF-Govt. of India [Recognized for period 02.06.2016 to 01.06.2021]

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ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : [lab@ultratech.in](mailto:lab@ultratech.in) Visit us at : [www.ultratech.in](http://www.ultratech.in)

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V  
 For Your Site: "Eisha Zenith"  
 At Tathavade, Pune

REPORT NO. : UT/ELS/REPORT/1383/12-2018  
 ISSUE DATE : 20/12/2018  
 YOUR REF. : WO/EPU-5/EZ/A93  
 REF. DATE : 02/11/2015

SAMPLE PARTICULARS :		AMBIENT AIR QUALITY MONITORING
Sampling Plan Ref. No.:	C-43/04-2018	Location Code : 03
Sample Registration Date :	14/04/2018	Sample Location : Near Building D
Date of Sampling :	13/04/2018	Co-ordinates: N18°36'47.47"; E73°44'42.92"
Time of Sampling :	07:00 Hrs. to 15:00 Hrs.	
Analysis Starting Date :	14/04/2018	Collected By : ULTRA-TECH
Analysis Completion Date :	18/04/2018	Height of Sampler : 1.0 Meter
Sample Lab Code :	UT/ELS/C-252/04-2018	Sampling Duration : 08 Hours
Ambient Air Temperature :	24.4°C to 34.8°C	Relative Humidity : 48.6% to 70.1%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	11	µg/m <sup>3</sup>
2.	Dissolved Nitrogen (NH <sub>3</sub> )	IS 5182 (Part 06) : 2006	21	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method IO-2.1	77	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	UT/LQMS/SOP/AA05	40	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.2	mg/m <sup>3</sup>

†: Sampling Period 1 Hr.

Opinions / Interpretations: National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference.  
 (Turnover to find Annexure).

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - ENVIROTECH; Model -APM 460; Sr. No. 180DTB98	Valid up to - 23/01/2019
	Fine Dust Sampler	Make - NETEL; Model - NPM-FDS 2.5 A; Sr. No. FDS-02	Valid up to - 06/03/2019

Note: 1. This test report refers only to the sample tested.  
 2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.  
 3. This test report may not be reproduced in part, without the permission of this laboratory.  
 4. Any correction invalidates this test report.  
 5. Weather was Sunny during sampling period.

- END OF REPORT -



Page 1 of 1

**ANNEXURE-I****NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**  
**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	<i>National Ambient Air Quality Standards</i>	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	40	30
		24 Hours**	80	80
03	Particulate Matter (PM <sub>10</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM <sub>2.5</sub> ), $\mu\text{g}/\text{m}^3$	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), $\text{mg}/\text{m}^3$	08 Hours*	02	02
		01 Hours**	04	04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE. Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further



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ISO 9001 : 2015

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OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

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Tele : +91 22 2547 49 07/ +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V For Your Site: "Eisha Zenith" At Tathavade,Pune	REPORT NO. : UT/ELS/REPORT/1384/12-2018 ISSUE DATE : 20/12/2018 YOUR REF. : WO/EPU-5/EZ/A93 REF. DATE : 02/11/2015
--	---

SAMPLE PARTICULARS :		NOISE LEVEL QUALITY MONITORING			
Sampling Plan Ref. No.	: C-43/04-2018	Sample Lab Code	: UT/ELS/C-253/04-2018		
Date of Monitoring	: 12/04/2018 to 13/04/2018	Survey Done By	: ULTRA-TECH		

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Main Gate	14:20 to 14:25	53.4	01:20 to 01:25	44.1
02.	Near Club House	14:30 to 14:35	52.6	01:30 to 01:35	43.7
03.	Near Building D	14:40 to 14:45	54.7	01:40 to 01:45	42.9
04.	Near Building B	14:50 to 14:55	51.9	01:50 to 01:55	43.5

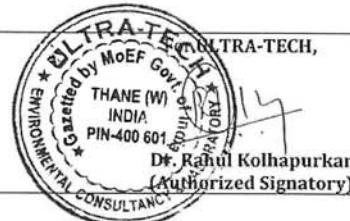
**Opinions / Interpretations:** The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference.  
(Turnover to find Annexure).

**Note:** 1. Monitoring area coming under Residential Area.  
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - METRAVI; Model - SL-4015; Sr. no. 160200539	Valid up to - 06/03/2019

**Note:** 1. This test report refers only to the monitoring conducted.  
2. This test report may not be reproduced in part, without the permission of this laboratory.  
3. Any correction invalidates this test report.

**- END OF REPORT -**



**ANNEXURE-II**  
**THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000**

*(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)*

**• SCHEDULE**

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

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

Note:

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

**• CONSTRUCTION ACTIVITIES**

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

**• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

(The Model Rules of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

Notes:

1. No exposure in excess of 140 dB peak sound pressure level is permitted.
2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

Notes:

1. No exposure in excess of 115 dB(A) is to be permitted.
2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.



ULR -TC560018000001114F

Environmental Consultancy &amp; Laboratory

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ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : [lab@ultratech.in](mailto:lab@ultratech.in) Visit us at : [www.ultratech.in](http://www.ultratech.in)

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V	REPORT NO. : UT/ELS/REPORT/1385/12-2018
For Your Site: "Eisha Zenith"	ISSUE DATE : 20/12/2018
At Tathavade,Pune	YOUR REF. : WO/EPU-5/EZ/A93
	REF. DATE : 02/11/2015

SAMPLE PARTICULARS :		STACK EMISSIONS QUALITY MONITORING	
Sampling Plan Ref. No.	: C-43/04-2018	Analysis Starting Date	: 14/04/2018
Sample Registration Date	: 14/04/2018	Analysis Completion Date	: 18/04/2018
Date of Sampling	: 12/04/2018	Sample Lab Code	: UT/ELS/C-254/04-2018
Time of Sampling	: 10:30Hrs. to 11:30 Hrs.	Sample Collected By	: ULTRA-TECH

STACK DETAILS					
Stack ID	: S-01	Stack Height	: 3.5 Meter from Ground Level		
Stack Attached To	: D. G. Set (125 KVA)	Stack Diameter	: 0.1016 Meter @ Sampling Point		
Stack Shape	: Round	Fuel Used	: Diesel		
Stack MOC	: MS	Fuel Consumption	: 10 Liters/hr		

FLUE GAS CHARACTERISTICS					
Flue Gas Temperature	: 381 °K	Volumetric Flow Rate	: 110.8 Nm <sup>3</sup> /hr		
Flue Gas Velocity	: 5.4 m/sec	Total Volume of Flue Gas	: 1.000 Nm <sup>3</sup> (@ STP)		

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	11	mg/Nm <sup>3</sup>
2.	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 02) : 1985	6	mg/Nm <sup>3</sup>

Opinions / Interpretations: Nil.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model - PEM SMS4; Sr. No. 2613	Valid up to - 13/02/2019

Note:

1. This test report refers only to the sample tested.
2. This test report is valid at the time of and under the conditions specified herein.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.

- END OF REPORT -



Page 1 of 1



ULR -TC56001800001116F

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ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V  
 For Your Site: "Eisha Zenith"  
 At Tathavade, Pune

REPORT NO. : UT/ELS/REPORT/1387/12-2018  
 ISSUE DATE : 20/12/2018  
 YOUR REF. : WO/EPU-5/EZ/A93  
 REF. DATE : 02/11/2015

SAMPLE PARTICULARS		WASTE WATER SAMPLE ANALYSIS	
Sampling Plan Ref. No.	: C-43/04-2018	Sample Type	: Untreated Sewage
Sample Registration Date	: 14/04/2018	Sample Location	: 300 KLD STP Inlet At Collection Tank
Date & Time of Sampling	: 12/04/2018 at 15:50 Hrs		
Analysis Starting Date	: 14/04/2018		
Analysis Completion Date	: 27/04/2018	Sample Quantity & Packing Details	: 1L in Wide Mouth Glass Bottle for Oil and Grease and 1L in Plastic Container for other parameters
Sample Collected By	: ULTRA-TECH		
Sample Lab Code	: U1/ELS/L-256/U4-2018		

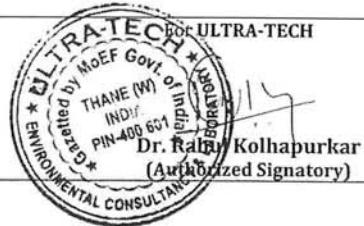
Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	pH	IS 3025 (Part 11) : 1983	7.0	-
2.	Total Suspended Solids	IS 3025 (Part 17) : 1984	102	mg/L
3.	Oil & Grease	IS 3025 (Part 39) : 1991	14	mg/L
4.	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 1993	102	mg/L
5.	Chemical Oxygen Demand	IS 3025 (Part 58) : 2006	400	mg/L

DL: Detection Limit

Opinions / Interpretations: Nil

Note: 1. This test report refers only to the sample tested.  
 2. This test report may not be reproduced in part, without the permission of this laboratory.  
 3. Any correction invalidates this test report.

- END OF REPORT -



Page 1 of 1



ULR -TC560018000001117F

Environmental Consultancy &amp; Laboratory

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Lab. Accredited by NABL - ISO/IEC 17025:2005 [TC-5600, Valid Until 27.05.2019 in the field of Testing]

ISO 9001 : 2015

QCI-NABET Accredited EIA Consulting Organization

OHSAS 18001 : 2007

STP/ETP/WTP Project Management Consultants

Laboratory : G V Brothers Building, Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601. Maharashtra, India

Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

ISSUED TO: M/S EISHA PROPERTIES UNIT V  
 For Your Site: "Eisha Zenith"  
 At Tathavade, Pune

REPORT NO. : UT/ELS/REPORT/1388/12-2018  
 ISSUE DATE : 20/12/2018  
 YOUR REF. : WO/EPU-5/EZ/A93  
 REF. DATE : 02/11/2015

SAMPLE PARTICULARS		WASTE WATER SAMPLE ANALYSIS	
Sampling Plan Ref. No.	: C-43/04-2018	Sample Type	: Treated Sewage
Sample Registration Date	: 14/04/2018	Sample Location	: 300 KLD STP Outlet After Carbon Filter Tank
Date & Time of Sampling	: 12/04/2018 at 16:10 Hrs		
Analysis Starting Date	: 14/04/2018		
Analysis Completion Date	: 27/04/2018	Sample Quantity & Packing Details	: 1L in Wide Mouth Glass Bottle for Oil and Grease and 1L In Plastic Container for other parameters
Sample Collected By	: ULTRA-TECH		
Sample Lab Code	: UT/ELS/C-257/04-2018		

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	pH	IS 3025 (Part 11) : 1983	7.4	-
2.	Total Suspended Solids	IS 3025 (Part 17) : 1984	8	mg/L
3.	Oil & Grease	IS 3025 (Part 39) : 1991	BDL [DL=10]	mg/L
4.	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 1993	5.7	mg/L
5.	Chemical Oxygen Demand	IS 3025 (Part 58) : 2006	20	mg/L

BDL: Below Detection Limit

DL: Detection Limit

Opinions / Interpretations: NIL

Note: 1. This test report refers only to the sample tested.  
 2. This test report may not be reproduced in part, without the permission of this laboratory.  
 3. Any correction invalidates this test report.

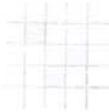
- END OF REPORT -



Page 1 of 1

**Annexure 5**

Structural Stability Certificate



**Sunil Mutalik & Associates**

**Structural Consultants**

1349/50, Shukrawar Peth, Arthshilp, 3rd Fl, Bajirao Rd, Above Hotel Ganaraj, Pune : 2  
S : 2447 6705, 2446 7302 Tel Fax : 2448 8712  
E - mail : sunil.mutalik@gmail.com / sunil.mutalik@sunilmutalik.com

Ref No.: EC-EOT-IZ-SR-08-R2

Date : 03.06.2014

**To Whom So Ever It May Concern.**

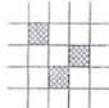
We the Structural Consultant for the proposed residential project "**Eisha Zenith**" Building 'A', 'B', 'C' & 'D' at Gat No. 95 / 2 & 95 / 3, Village Tathawade, Tal. Mulshi, PCMC, Pune : 411 033., for M/s. **Eisha Properties (Unit - 5)**, here by certify that the said building has been designed by us. The design of said building is as per the Indian standard code I. S. 456 – 2000 & earthquake resistant code I. S. 1893 – 2002.

Hence we here by confirm that the said structure is structurally sound & stable & can with stand for the Earthquake forces as, stipulated in code.

Thanking You,  
Yours Sincerely,

  
Sunil Mutalik.  
Chartered Engineer,  
L. No. 46 (PMC)





**Sunil Mutalik & Associates**  
Structural Consultants  
1349/50, Shukrawar Peth, Arthshilp, 3rd Fl, Bajirao Rd, Above Hotel Ganaraj, Pune : 2  
& : 020 - 2447 6705, 2446 7302, 24497294 Tel Fax : 2448 8712  
E – mail : sunil.mutalik@gmail.com

Ref. No.: C-EOT-A-18-10-R2

Date : 11.09.2015

To,  
The City Engineer,  
Building Permission Department,  
Pimpri Chinchwad Municipal Corporation.  
Pune : 411 018.

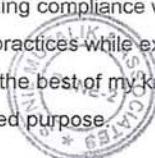
**Structural Stability Certificate & Completion Certificate.**

I have undertaken assignment as structural engineer for the structural work called as "Eisha Zenith" Building 'A' designed for **Parking + 11 floor** on Survey No. 95 / 2 & 95 / 3, Village Tathawade, Tal. Mulshi, PCMC, Pune : 411 033., for **M/s. Eisha Properties (Unit - 5).**, as developer / owner. The following listed firms / persons are associated with the work.

Name of owner	: M/s. Eisha Properties (Unit - 5).
Address of owner	: San Mahu Complex, Bund Garden Rd., Pune.
Name of Architects	: Jagdish Deshpande & Associates
Address of Architects	: A-1, Success Chambers, Apte Road, Pune.
Project Engineer of Builder	: Mr. Venkatesh
Address	: Pune.

I hereby certify and confirm adequacy of the structural design represented through my structural drawings issued from time to time and based on memos of my periodic site visiting for checking founding stratum / reinforcement. The said building is designed for earthquake loading in Zone III.

I am enclosing herewith undertaking of the Licensed Supervising Engineer / Owner regarding compliance with structural drawings and adherence to standard construction practices while executing the construction work. On basis of this I hereby certify that to the best of my knowledge and belief the said structure is fit for occupation for the intended purpose.

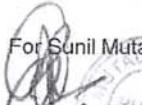


I further confirm that the structural design is based on relevant Indian Standard Codes especially.

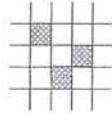
1. IS – 456 – 2000 – Code of Practice for Plain & Reinforced Concrete Structure.
2. IS – 875 – (Part – 2) – 1987 – Code of Practice for Design Loads – Imposed Loads.
3. IS – 875 – (Part – 3) – 1987 – Code of Practice for Design Loads – Wind Loads.
4. IS – 1893 – 2002 – Criteria for Earthquake Resistant Design of Structure.
5. IS - 800 – 1984 – Code of Practice for General Construction in steel.

This certificate is issued on the clear understanding that my overall design responsibility for the safety and proper performance of structural design ceases, moment any addition and / or alteration or any damage to the structural frame caused by accident or by tampering with the geometrical sections of structural members for any purpose whatsoever or due to overloading of the structure or lack of maintenance or any act that is detrimental to the structure as a whole.

For Sunil Matalik & Associates.

  
Sunil Matalik.  
Chartered Engineer  
L. No. 46 (PMC)





**Sunil Mutalik & Associates**  
Structural Consultants  
1349/50, Shukrawar Peth, Arthshilp, 3rd Fl, Bajirao Rd, Above Hotel Ganaraj, Pune : 2  
& : 020 - 2447 6705, 2446 7302, 24497294 Tel Fax : 2448 8712  
E - mail : sunil.mutalik@gmail.com

Ref. No.: C-EOT-B-18-10-R2

Date : 11.09.2015

To,  
The City Engineer,  
Building Permission Department,  
Pimpri Chinchwad Municipal Corporation.  
Pune : 411 018.

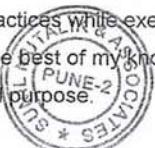
**Structural Stability Certificate & Completion Certificate.**

I have undertaken assignment as structural engineer for the structural work called as "Eisha Zenith" Building 'B' designed for Parking + 11 floor on Survey No. 95 / 2 & 95 / 3, Village Tathawade, Tal. Mulshi, PCMC, Pune : 411 033., for **M/s. Eisha Properties (Unit - 5)**, as developer / owner. The following listed firms / persons are associated with the work.

Name of owner	: M/s. Eisha Properties (Unit - 5).
Address of owner	: San Mahu Complex, Bund Garden Rd., Pune.
Name of Architects	: Jagdish Deshpande & Associates.
Address of Architects	: A-1, Success Chambers, Apte Road, Pune.
Project Engineer of Builder	: Mr. Venkatesh
Address	: Pune.

I hereby certify and confirm adequacy of the structural design represented through my structural drawings issued from time to time and based on memos of my periodic site visiting for checking founding stratum / reinforcement. The said building is designed for earthquake loading in Zone III.

I am enclosing herewith undertaking of the Licensed Supervising Engineer / Owner regarding compliance with structural drawings and adherence to standard construction practices while executing the construction work. On basis of this I hereby certify that to the best of my knowledge and belief the said structure is fit for occupation for the intended purpose.



I further confirm that the structural design is based on relevant Indian Standard Codes especially.

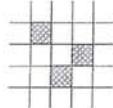
1. IS – 456 – 2000 – Code of Practice for Plain & Reinforced Concrete Structure.
2. IS – 875 – (Part – 2) – 1987 – Code of Practice for Design Loads – Imposed Loads.
3. IS – 875 – (Part – 3) – 1987 – Code of Practice for Design Loads – Wind Loads.
4. IS – 1893 – 2002 – Criteria for Earthquake Resistant Design of Structure.
5. IS - 800 – 1984 – Code of Practice for General Construction in steel.

This certificate is issued on the clear understanding that my overall design responsibility for the safety and proper performance of structural design ceases, moment any addition and / or alteration or any damage to the structural frame caused by accident or by tampering with the geometrical sections of structural members for any purpose whatsoever or due to overloading of the structure or lack of maintenance or any act that is detrimental to the structure as a whole.

For Sunil Mutalik & Associates.



Sunil Mutalik  
Chartered Engineer  
L. No. 46 (PMC)



**Sunil Mutalik & Associates**  
Structural Consultants  
1349/50, Shukrawar Peth, Arthshilp, 3rd Fl, Bajirao Rd, Above Hotel Ganaraj, Pune : 2  
& : 020 - 2447 6705, 2446 7302, 24497294 Tel Fax : 2448 8712  
E - mail : sunil.mutalik@gmail.com

Ref. No.: C-EOT-C-18-10-R3

Date : 11.09.2015

To,  
The City Engineer,  
Building Permission Department,  
Pimpri Chinchwad Municipal Corporation.  
Pune : 411 018.

**Structural Stability Certificate & Completion Certificate.**

I have undertaken assignment as structural engineer for the structural work called as "Eisha Zenith" Building 'C' designed for Parking + 11 floor on Survey No. 95 / 2 & 95 / 3, Village Tathawade, Tal. Mulshi, PCMC, Pune : 411 033., for M/s. Eisha Properties (Unit - 5), as developer / owner. The following listed firms / persons are associated with the work.

Name of owner	: M/s. Eisha Properties (Unit - 5).
Address of owner	: San Mahu Complex, Bund Garden Rd., Pune.
Name of Architects	: Jagdish Deshpande & Associates.
Address of Architects	: A-1, Success Chambers, Apte Road, Pune.
Project Engineer of Builder	: Mr. Venkatesh
Address	: Pune.

I hereby certify and confirm adequacy of the structural design represented through my structural drawings issued from time to time and based on memos of my periodic site visiting for checking founding stratum / reinforcement. The said building is designed for earthquake loading in Zone III.

I am enclosing herewith undertaking of the Licensed Supervising Engineer / Owner regarding compliance with structural drawings and adherence to standard construction practices while executing the construction work. On basis of this I hereby certify that to the best of my knowledge and belief the said structure is fit for occupation for the intended purpose.



I further confirm that the structural design is based on relevant Indian Standard Coder especially.

1. IS – 456 – 2000 – Code of Practice for Plain & Reinforced Concrete Structure.
2. IS – 875 – (Part – 2) – 1987 – Code of Practice for Design Loads – Imposed Loads.
3. IS – 875 – (Part – 3) – 1987 – Code of Practice for Design Loads – Wind Loads.
4. IS – 1893 – 2002 – Criteria for Earthquake Resistant Design of Structure.
5. IS - 800 – 1984 – Code of Practice for General Construction in steel.

This certificate is issued on the clear understanding that my overall design responsibility for the safety and proper performance of structural design ceases, moment any addition and / or alteration or any damage to the structural frame caused by accident or by tampering with the geometrical sections of structural members for any purpose whatsoever or due to overloading of the structure or lack of maintenance or any act that is detrimental to the structure as a whole.

For Sunil Mutalik & Associates.



## **Annexure 6**

Advertisement Copy in Local News Paper

HINDUSTAN TIMES, PUNE  
WEDNESDAY, DECEMBER 12, 2018

# htmetro

## you space

### TOPIC OF THE WEEK ELECTRIC BUSES FOR PUNE? AT WHAT COST?

Is the cash-strapped Pune  
Maharashtra Parivahan  
Mandal (MPM) likely to

buy electric buses for

the city? Read on

THE STATE ROADS AND HIGHWAYS

### THE PLAN OF CONSTRUCTION

9 km Total length of the ghat  
road

2 km Length of the road to be  
concretised

₹5 crore Cost of the project

Sinhagad ghat road to be  
closed for three months

### PUBLIC NOTICE

This is to inform that the project  
known as "Eisha Zenith" by M/s.  
Eisha Properties Unit-5  
address- S. No. 952/ 953, at  
Villagl -Tathawade, Dist-Pune,  
State-Maharashtra has been  
accorded Environmental  
Clearance and copies of the  
clearance letter are available with  
the Maharashtra Pollution Control  
Board and may also be seen on  
the website of the environment  
department of Maharashtra at  
<https://www.ecmpcb.in>

Sign/  
M/s. Eisha Properties Unit-5

# Short-lived joy: 5-st check tempers BJP

WINNERS CELEBRATE In contrast, the mood was jubilant at

### CSIR-NATIONAL METALLURGICAL LABORATORY

(Council of Scientific & Industrial Research)  
JAMSHEDPUR-831 007 Jharkhand INDIA [www.nmlindia.org](http://www.nmlindia.org)

Advt. No. -10/2018

Applications invited for Junior Research Fellowship under  
CSIR-GATE-JRF Scheme

CSIR-NML invites applications from motivated candidates with  
consistently good academic credentials for CSIR-GATE-JRF.

Position: Junior Research Fellowship (JRF) under CSIR-  
GATE-JRF.

Eligibility: AF/D, Tech dogrow holders in Metallurgy, Mechanical  
and Chemical Engineering with valid GATE score.

Selected candidates who are pursuing / want to pursue Integrated  
Dual Degree PhD programme in August 2019 session will be  
registered in AcSIR only. As the JRF-GATE fellowship is awarded  
or pursuing PhD, therefore there will be no automatic exit after  
1.Tech. Detailed information regarding AcSIR IDDP programmes  
is available in the admission portal of AcSIR website  
<http://www.acsir.res.in/>

Interested eligible candidates, who are Indian national and fulfil the  
above eligibility conditions, may report between 09:00 AM to 12:00  
noon on 18<sup>th</sup> December 2018, for Walk-in-Interview at CSIR-NML,  
Burmamines, Jamshedpur-831007 (Jharkhand).

Detailed information regarding eligibility criteria is available at our  
website [www.nmlindia.org](http://www.nmlindia.org). Administrative Officer

9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>  
Career in Design.

NID NI  
ITM W  
U/CEED NA

Summer Vacation : Full

BRDS 2018 Result : 143 NID, 51

47 ISDI, 27 WVI, 32 IT, 67 E

Highest selection record from E

99786 57598

[www.rathoredesign.com](http://www.rathoredesign.com)

M.G. Road(Camp)

