

ABIL PROPCON

FIRM REGISTRATION NUMBER : PN000003315

Address : "ABIL House" 2, Range Hills Corner, Ganeshkhind Road, Pune - 411 007.

Date: 01/12/2021

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-440001.

Sub: Submission of Environmental Clearance compliance Report (April-2021 to September-2021) for the residential development project "**ABIL-Boulevard**" CTS No. 279, S. No. 35A/2, 35A/3, 36/1, 36/2 Ghorpadi, Koregaon Park, Pune.

Ref: SEIAA-EC-0000001616 Dated 14th June, 2019

Respected Sir,

With reference to the above subject, we are submitting the Current Status of our construction work, monitoring reports, data sheet and Point wise environmental clearance compliance status to various stipulations laid down by the State Level Environment Impact Assessment Authority, Maharashtra in its clearance letter **SEIAA-EC-0000001616** along with the necessary enclosure & annexures.

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

Thanking you,
Yours Sincerely,

For ABIL Propcon



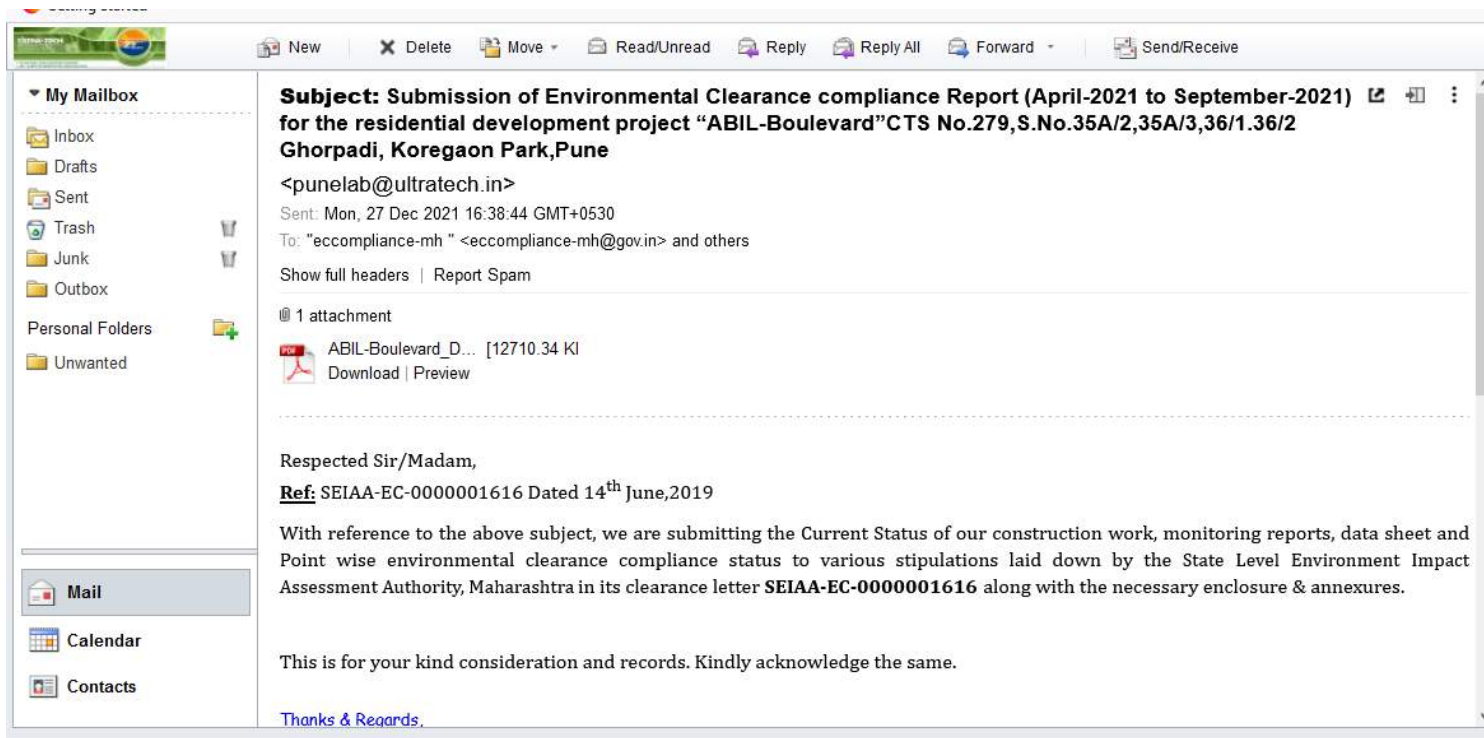
Authorized Signatory

Encl:

Part A: Current Status of Construction Work
Part B: Point wise compliance status
Part C: Enclosures

Copy To,

1. The Member Secretary, MPCB, Kalpataru Point, 2/3/4th Floor, Opp. Sion Circle, Sion (East), Mumbai- 400022.
2. The Additional Director (S), CPCB, Parvesh Bhavan, Opp. VMC Ward, Office No. 10, Shubhanpura, Vadodara- 390023, Gujarat.
3. Environment Department Government of Maharashtra, Regional Office, 15th Floor, New Administrative building, Mantralay, Mumbai-400032.



Acknowledment Copy : The Additional Director,MoEF&CC-Nagpur

ABIL PROPCON

FORM REGISTRATION NUMBER: PRO/000001616

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3. Environment Department Government of Maharashtra, New Administrative building, Mantralay, Mumbai-400032.

<Dial 18002666040> <Wear Masks, Stay Safe>

भारतीय डाक



EN381784159IN IVR:697738178415
SP EX. SERVICEMAN COLONY S.O <411038>

India Post

Counter No:1.22/12/2021.10:50

To:STATE LEVEL ENV.MANTRALAYA

PIN:400032, Mantralaya SD Mumbai

From:ULTRA TECH.LABORTARY

Wt:375gms

Amt:59.00(Cash)Tax:9.00

<Track on www.indiapost.gov.in>

<Dial 18002666040> <Wear Masks, Stay Safe>

भारतीय डाक



EN381784174IN IVR:697738178417

SP EX. SERVICEMAN COLONY S.O <411038>

India Post

Counter No:1.22/12/2021.10:50

To:MAHARASHTRA P..

PIN:400022, Sion SD

From:ULTRA TECH.LABORTARY

Wt:335gms

Amt:59.00(Cash)Tax:9.00

<Track on www.indiapost.gov.in>

PART A

Current status of work

: PART A:

CURRENT STATUS OF WORK

Sr.No.	No.of Phases	Status
1	Commercial Building	Work in progress Basement Completed, Podium-1, 2 completed, 4 th Floor level slab completed.

PART B

Pointwise Compliance Status

: PART B :

2. Point wise compliance status to various stipulations laid down by the Ministry in its clearance letter SEIAA-EC-0000001616 Dated June 14, 2019 as follows:

S.N.	Condition	Status
Specific Conditions :		
I	PP to submit CER plan to Municipal Commissioner and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.	Agree to Complied With.
II	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Noted.
III	SEIAA decided to grant EC for: FSI: 22886.88 m2, Non-FSI: 22295.82 m2 and Total BUA: 45182.70 m2 (IOD no CC/4055/18).Date-27.03.2019.	Noted.
General Conditions:		
I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	It is residential development Project, So Not generated any E-Waste.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted. The Provisional Fire NOC is enclosed. Obtained Fire NOC is Dated as 24.10.2017 Please Refer the Enclosure No. V
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	Agree to Comply with, There is no eco-sensetive zone within 10 kms.from project site.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Noted.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	Agree to Comply with, Height, built up area of construction is accordance with the existing FSI /FAR norms.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Complied, Obtained Consent to Establish Vide letter No. Format1.0/BO/JD(WPC)/UAN-078399/CE/CC-2003001078 Dated 17.03.2020 Please Refer the Enclosure No .III
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Noted, ➤ 15 nos. of toilets are provided at site for workers. Also (03 Nos) Septic tanks are provided at site. ➤ 174Nos. workers and 90 Nos. of

		<p>Hutments are provided on site.</p> <ul style="list-style-type: none"> ➤ Provision made for drinking water & domestic water at project site. ➤ Solid waste is being disposed daily to municipal collection system. ➤ First aid room is provided at site and medical check-up of construction workers done on periodically. ➤ Proper housekeeping and site sanitation is provided.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Complied, Drinking Water and Sanitary Facilities are provided on Construction Site.(174Nos.) workers,(90 Nos.) Hutments and (15 Nos.) Toilets are provided.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Agree to comply with, Solid waste generated is collected separately for dry & wet waste & handed over to Pune Municipal Corporation Vehicles.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Agree to comply with, All the waste generated from the site preparation and excavation is used within the site.
XI	Arrangement shall be made that waste water and storm water do not get mixed	Agree to Complied With.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Agree to comply with, Topsoil excavated material is used for land leveling and Landscaping within the Site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved	Noted.
XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Agree to Complied With.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	No Source Of Ground water within the Site. So not generated Ground water analysis report. Soil analysis report is enclosed. Please refer the Enclosure No. IV
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	Noted.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Noted. It is Commercial development project, So not generated any hazardous waste during construction phase.

XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Noted. 1 No.-82 KVA D.G Set are provided during construction site.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	Noted.
XX	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Agree to Complied with.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	Complied, Ambient Noise Level analysis report is enclosed. Please refer the Enclosure No .IV
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).	Agree to comply with, Yes, we are using Fly ash for building material in the construction.
XXIII	Ready mixed concrete must be used in building construction.	Yes, We are using ready mixed concrete in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Noted.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Agree to Complied with.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	No Source of Ground water within the site. So Not generated ground water quality monitoring report.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, 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 affluent, 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.	Not applicable at this Stage.
XVIII	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.	No Source of ground water within the site, So No Need of permission from the competent Authority to construction phase of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Agree to Complied with.

XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Not applicable at this stage.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Not applicable at this stage.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Not applicable at this stage.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	Not applicable at this stage.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Noted.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Ambient Noise Analysis report is Enclosed. Please refer the Enclosure No. IV
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Noted.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Not applicable at this stage.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Noted.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings	Noted.
XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the	Noted.

	project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Complied, Regularly submitted six monthly monitoring reports to Regional Office MoEF&CC-Nagpur, Bhopal and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	Noted. Project under construction phase.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	Agree to Complied with.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. With due permission of MPCB.	Noted.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Complied, Regularly submitted all the documents to Department of the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department	Noted.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Noted.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Agree to Complied With, Separate funds shall be allocated for implementation of environmental protection measures along with item-wise breaks-up: Construction Phase :10.82 Lacs/annum Operation Phase : Capital Cost :282.69 Lacs O&M Cost :18.2 Lac/Yr
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in .	Noted. The Advertisement Copy has been submitted in Local News Paper "Sakal Times" and Local Marathi News Paper "Punya-Nagari" in Dated June 21 st ,2019. Advertisement Copy is Enclosed. Please refer the Enclosure No. VI
L	Project management should submit half yearly compliance reports in respect of the stipulated	Complied, Half yearly compliance report

	prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	submitted to regularly basis to MoEF&CC-Nagpur and MPCB of hard and Soft copies.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	Noted.
LIH	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.
LIV	The environmental statement for each financial year ending 31 st 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.
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.	Noted.
5	In case of submission of false document and noncompliance of stipulated conditions, Authority/Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Noted.
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	Noted.

	or for that matter, for any other administrative reason.	
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015	Noted.
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.	Noted.
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.	Noted.
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	Noted.

ENCLOSURE I

DATA SHEET

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

DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	Construction project :Commercial Development Project
2.	Name of the project		:	"ABIL Boulevard"
3.	Clearance letter (s) / OM No. and Date		:	SEIAA-EC-0000001616 dated 14 th June,2019
4.	Location		:	
	a.	District (S)	:	Pune
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude: 18°32'21.83" N Longitude: 73°54'18.86" E
5.	Address for correspondence		:	
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr.Tejas Kumbhoje-Project Engineer CTSN0.279,S.No.35A/2,35A/3,36/1,36/2 Ghorpadi,Koregaon Park,Pune
	b.	Address of Executive Project: Engineer/Manager (with pincode/ Fax numbers)	:	Mr.Suhas Shedekar – Project Manager CTS No.279,S.No.35A/2,35A/2,35A/3, 36/1,36/2Ghorpadi,Koregaon Park,Pune
6.	Salient features		:	
	a.	of the project	:	It is Commercial 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	:	Construction yet not Started.
7.	Break up of the project area		:	
	a.	submergence area forest & non-forest	:	Non forest
	b.	Others	:	Total Plot Area (sq. m.) : 9400 Net Plot Area (sq. m.) : 7434.61 Total Built Up Area (sq. m.)- FSI (sq. m.): 22886.88 Non FSI (sq. m.):22295.82
8.	Break up 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		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of	:	Not Applicable

		survey)		
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference :		
	1.	Total Cost of the Project	:	Rs. 200/- Crores Only.
	b.	Allocation made for environ-mental 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	:	During Construction phase: Total Cost-10.82 Lac/annum
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	During operational Phase: Capital cost (Rs. in Lac.): 282.69 Lacs. Operational and Maintenance cost : 18.2 Lac/annum
	e.	Actual expenditure incurred on the project so far	:	--
	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, it 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), it any with quantitative information		:	Not Applicable
12.	Status of construction		:	Same as "PART-A"
	a.	Date of commencement (Actual and/or planned)	:	03.06.2020
	b.	Date of completion (Actual and/or planned)	:	30.11.2022
13.	Reasons for the delay if the Project is yet to start		:	Not applicable
14.	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	24.09.2019
	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		:	Not Applicable

M/s ABIL PROPCORN

“ABIL Boulevard”- CTS No.279,S.No.35A/2, 35A/3, 36/1,
36/2 Ghorpadi, Koregaon Park,Pune

	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.)	:	--

ENCLOSURE II

ENVIRONMENTAL CLEARANCE COPY



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: June 14, 2019

To,
ABIL Propcon
at CTS. No. 279 , S. No. 35A/2,35A/3,36/1,36/2 Ghorpadi, Koregaon Park, Pune

Subject: Environment Clearance for ABIL Boulevard New commercial project

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 85th 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 168th 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 below :-

1.Name of Project	ABIL Boulevard
2.Type of institution	Private
3.Name of Project Proponent	ABIL Propcon
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
5.Type of project	New Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	CTS. No. 279 , S. No. 35A/2,35A/3,36/1,36/2 Ghorpadi, Koregaon Park, Pune
9.Taluka	Haveli
10.Village	Ghorpadi,
Correspondence Name:	Mr. Nikhil Ghokhale
Room Number:	Plot 2,
Floor:	Second floor
Building Name:	ABIL House,
Road/Street Name:	Ganesh Khind Road,
Locality:	Range Hill Corner
City:	Pune - 411007
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: CC/4055/18 dated 27/3/2019 Approved Built-up Area: 45250.18
13.Note on the initiated work (If applicable)	NA

SEIAA Meeting No: 168 Meeting Date: May 29, 2019 (SEIAA-STATEMENT-0000001929)
SEIAA-MINUTES-0000002054
SEIAA-EC-0000001616

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Shri. Anil Diggikar (Member Secretary SEIAA)

14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	9400 m2
16.Deductions	1965.39 m2
17.Net Plot area	7434.61m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 22886.88 m2
	Non FSI area (sq. m.): 22295.82 m2
	Total BUA area (sq. m.): 45182.70
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 22954.36 m2
	Approved Non FSI area (sq. m.): 22295.82 m2
	Date of Approval: 27-03-2019
19.Total ground coverage (m2)	2595
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.91%
21.Estimated cost of the project	2000000000

Government of Maharashtra

22. Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23. Total Water Requirement				
Dry season:	Source of water	PMC		
	Fresh water (CMD):	169		
	Recycled water - Flushing (CMD):	126		
	Recycled water - Gardening (CMD):	16		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	311		
	Fire fighting - Underground water tank(CMD):	200		
	Fire fighting - Overhead water tank(CMD):	20		
	Excess treated water	101		
Wet season:	Source of water	PMC		
	Fresh water (CMD):	169		
	Recycled water - Flushing (CMD):	126		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	295		
	Fire fighting - Underground water tank(CMD):	200		
	Fire fighting - Overhead water tank(CMD):	20		
	Excess treated water	117		
Details of Swimming pool (If any)		NA		

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		12-26						
	Size and no of RWH tank(s) and Quantity:		NA						
	Location of the RWH tank(s):		NA						
	Quantity of recharge pits:		2 Nos						
	Size of recharge pits :		2.5 m X 2.5 m X 3.0 m						
	Budgetary allocation (Capital cost) :		3 lakhs						
	Budgetary allocation (O & M cost) :		0.25 Lakh/annum						
	Details of UGT tanks if any :		Commercial: Domestic UG tank Capacity: 254 Cum Flushing UG tank Capacity: 142Cum Fire UG tank Capacity: 200 (cum)						
26.Storm water drainage	Natural water drainage pattern:		Towards north						
	Quantity of storm water:		671.04m ³ per hr						
	Size of SWD:		External SWD : 900 mm dia , Internal SWD : 450 mm dia						
27.Sewage and Waste water	Sewage generation in KLD:		260 KLD						
	STP technology:		MBR (Membrane bio reactor)						
	Capacity of STP (CMD):		270 KLD						
	Location & area of the STP:		Location at Basement 1 level Area= 292 Sq.m						
	Budgetary allocation (Capital cost):		Rs.105 Lakhs						
	Budgetary allocation (O & M cost):		Rs. 9.4 Lakhs per annum						

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	39660 m3
	Disposal of the construction waste debris:	This material will be used for back filling and levelling of the plot and remaining will be disposed to another sites.
Waste generation in the operation Phase:	Dry waste:	546 kg/day
	Wet waste:	819 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	42 kg/day
	Others if any:	E waste: 40951 kg/year
Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed-off to recyclers
	Wet waste:	Wet garbage will be composted using mechanical composting technology and used as organic manure for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	E-waste will be disposed-off to authorized recyclers
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	24 m2
	Area for machinery:	9 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 17.6 Lakh
	O & M cost:	Rs. 4 Lakh/annum

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



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set 750 kVA X 3 No.	HSD Fuel tank with 990 lit. each	3	Till building top	0.25	520 degree

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diseal	Not applicable	Diseal	Diseal

33.Source of Fuel	Nearest Petrol Pump
34.Mode of Transportation of fuel to site	Barrier loaded on small truck

35.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	65 kW
	DG set as Power back-up during construction phase	82.5 kVA
	During Operation phase (Connected load):	3528 kW
	During Operation phase (Demand load):	2033 kW
	Transformer:	1250 kVA x 2 nos.
	DG set as Power back-up during operation phase:	3 No. X 750 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA
Energy saving by non-conventional method:		

- Use of LED in Parking area, lift-lobby and stair-case.
- Using Solar system in Common Area Lighting (50%). & Street/ Landscape lights with LED lamps
- V3F drive is proposed for all lifts.
- As per MSEDCL requirements, it is recommended to use low loss Transformer.
- Losses for Transformer shall, in principal, comply with ECBC norms.
- Recommend to attain power factor of the installation near unity.
- Independent Energy meters for all pollution control equipment's.

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lightening instead of Normal	2336.00 kWh per Annum 20%
2	VFD's on Lifts	28616.00 kWh per Annum 10%
3	Lifts regenerative type	85848.00 kWh per Annum 30%
4	Plumbing Plantroom pumps	8059.20 kWh per Annum 10%
5	Solar as well LED instead of metal Halide	2248.40 kWh per Annum 31%
6	Lift, lobby, staircase	56005.60 kWh per Annum 48%
7	Total energy saving shall be achieved up-to	190997.20 kWh per Annum 21.75%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	1 No X 270 KLD
DG set	Not applicable	3 X 750 kVa
OWC	Not applicable	1 No KC 850

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 17 Lakhs
	O & M cost:	Rs. 0.65 akhs per annum

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air & Noise	Water For Dust Suppression & Air & Noise monitoring	1.5
2	Water	Tanker water for construction & worker & Water monitoring	1.45
3	Land	Mobile toilets 10 Nos. Cleaning 10,000 Rs./month	1.0
4	Biological	Gardening & Excavation	0.97
5	Biological	Disinfection at site & Safety, First Aid, Health Hygiene Facilities & Health Check Up & Creches for children & Personal Protective Equipment	5.9
6	TOTAL	NA	10.82

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP Cost	1 No. x 270 KLD	105	9.4
2	Rain Water Harvesting	2 No.s of 2.5 dia	3	0.25
3	Environmental Monitoring	Environmental Monitoring	-	0.9
4	Gardening	Garden area and plant	140.09	3
5	Solid waste	Mechanical composting Technology and used as manure for landscaping	17.6	4
6	Energy - Solar, transformer & D.G.	20 kW	17	0.65
7	Total	NA	282.69	18.2

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available

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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 168th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to submit CER plan to Municipal Commissioner and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.
II	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
III	SEIAA decided to grant EC for: FSI: 22886.88 m2, Non-FSI: 22295.82 m2 and Total BUA: 45182.70 m2 (IOD no-CC/4055/18).Date-27.03.2019.

General Conditions:

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

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

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

LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
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Government of Maharashtra

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

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

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

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

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

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

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

Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

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

ENCLOSURE III

CONSENT TO ESTABLISH COPY

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024088
/24023518
Email : jdwat@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



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

Infrastructure /Red/LSI

Consent order No: Format1.0/BO/JD (WPC)/UAN-078399/CE/CC-2008001078

Date: 17/03/2020

To,
M/s. 'ABIL Boulevard' by M/s. ABIL Propcon,
CTS. No. 279, S. No. 35A/2, 35A/3, 36/1, 36/2, Ghorpadi,
Koregaon Park, Pune, Tal: Haveli, Dist: Pune.

Sub: Consent to Establish for Construction of Commercial Projects granted under Red Category.

Ref: 1. Your Application vide UAN No. -0000073043 Dated: 14/05/2019.
2. Minutes of 5th Consent Committee meeting held on 06/02/2020 and 14/02/2020

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

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs.277.0 Cr.
(As per C.A certificate submitted by project proponent)

The Consent to Establish is valid for construction of Commercial Project named as M/s. 'ABIL Boulevard' by M/s. ABIL Propcon, CTS. No. 279, S. No. 35A/2, 35A/3, 36/1, 36/2, Ghorpadi, Koregaon Park, Pune, Tal: Haveli, Dist: Pune, for total plot area of 9,400.00 Sqm and Proposed total construction built up area 45,182.70 Sqm, as per EC dt. 14/06/2019, including utilities and services and as per Commencement Certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	260.00	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1.	DG Set	750 KVA	3	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Wet garbage	819.00 Kg/Day	Organics waste Converter with composting facility / Biogas digester with composting facility	Used as Manure
2	Dry garbage	674.00 Kg/Day	--	Segregate and Hand over to Local Body for recycling
3.	STP sludge	49.51 Kg/day	STP	Used as manure

- Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste: NIL.
- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dt.29/03/2016.
- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
- Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
- The applicant should comply with the conditions stipulated in Environmental Clearance Obtained from SEIAA, Environment Department, Government of Maharashtra, dt.14/06/2019 for total plot area 9,400.00 Sqm and total construction BUA 45,182.70 Sqm.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravensiran, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction . No.	Date	Drawn On
1	5,54,000/-	BKIDH-19234775920	23/08/2019	Bank of India

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of 270.00 CMD
- B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1.	pH	Between	6.5 to 9.0
2.	Total Suspended Solids	Not more than	20 mg/l.
3.	BOD 3 Days 27 degree C	Not more than	10 mg/l.
4.	Chemical oxygen Demand (COD)	Not to more than	50 mg/l.
5.	NH4 N	Not more than	5 mg/l.
6.	N Total	Not more than	10 mg/l.
7.	Fecal Coliform MPN/100 MI	Less than	100.0

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

D) Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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

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

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	295.00

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



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

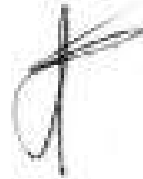
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO ₂
1.	DG Set (750 KVA)	Acoustic enclosure	5.48	HSD	166.32	Lit/Hr	--	--
2.	DG Set (750 KVA)	Acoustic enclosure	5.48	HSD	166.32	Lit/Hr	--	--
3.	DG Set (750 KVA)	Acoustic enclosure	5.48	HSD	166.32	Lit/Hr	--	--

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

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

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

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



Schedule-III
Details of Bank Guarantees

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

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

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

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 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 Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 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 treated sewage shall be disinfected using suitable disinfection method
- 9) 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
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

ENCLOSURE NO.IV

Environmental Monitoring Report

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., 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. ABIL PROP CON LLP

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-111/09-2021**ISSUE DATE** : 29/09/2021**YOUR REF.** : WO/ABPP/ABBOLVD/2020/126**REF. DATE** : 15/07/2020**SAMPLE PARTICULARS**

Sampling Plan Ref. No.: : C-10/05-2021
Sample Registration Date : 07/05/2021
Date of Sampling : 06/05/2021
Time of Sampling : 09:30 Hrs. to 17:30 Hrs.
Analysis Starting Date : 07/05/2021
Analysis Completion Date : 11/05/2021
Sample Lab Code : UT/ELS/C-066/05-2021
Ambient Air Temperature : 28.2°C to 32.5°C

AMBIENT AIR QUALITY MONITORING

Location Code : 01
Sample Location : Near Main Gate
Coordinates: N18°32'20.7"; E73°54'17.02"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 52.0% to 67.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	15	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	23	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R-96/010a Method 10-2.1	79	µg/m ³
4.	Particulate Matter (PM _{2.5})	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	26	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.2	mg/m ³

†: 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 - Polltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2022
	Fine Dust Sampler	Make - Netel; Model - NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 12/01/2022

Note: 1. This test report refers only to the sample tested.
2. Monitoring area coming under Commercial 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 -

For ULTRA-TECH,

MJNanjoshi

(Authorized Signatory)

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	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO ₂), µg/m ³	Annual* 24 Hours**	50 80	20 80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual* 24 Hours**	40 80	30 80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual* 24 Hours**	60 100	60 100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual* 24 Hours**	40 60	40 60
05.	Carbon Monoxide (CO), mg/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

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
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TEST REPORT

ISSUED TO: M/s. ABIL PROPCON LLP

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-112/09-2021**ISSUE DATE** : 29/09/2021**YOUR REF.** : WO/ABPP/ABBOLVD/2020/126**REF. DATE** : 15/07/2020**SAMPLE PARTICULARS**

Sampling Plan Ref. No.: : C-10/05-2021
Sample Registration Date : 07/05/2021
Date of Sampling : 06/05/2021 to 07/05/2021
Time of Sampling : 18:00 Hrs. to 02:00 Hrs.
Analysis Starting Date : 07/05/2021
Analysis Completion Date : 11/05/2021
Sample Lab Code : UT/ELS/C-067/05-2021
Ambient Air Temperature : 28.0°C to 31.2°C

AMBIENT AIR QUALITY MONITORING

Location Code : 02
Sample Location : East Side Of Project Site
Coordinates:N18°32'21.82";E73°54'19.19"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 53.0% to 69.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	13	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	25	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R-96/010a Method 10-2.1	73	µg/m ³
4.	Particulate Matter (PM _{2.5})	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	27	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.4	mg/m ³

†: 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 - Polltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2022
	Fine Dust Sampler	Make - Netel; Model-NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 12/01/2022

Note: 1. This test report refers only to the sample tested.
2. Monitoring area coming under Commercial 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 -

For ULTRA-TECH,

M. Nanjoshi

(Authorized Signatory)

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	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO ₂), µg/m ³	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/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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TEST REPORT

ISSUED TO: M/s. ABIL PROP CON LLP

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-113/09-2021**ISSUE DATE** : 29/09/2021**YOUR REF.** : WO/ABPP/ABBOLVD/2020/126**REF. DATE** : 15/07/2020**SAMPLE PARTICULARS**

Sampling Plan Ref. No.: C-10/05-2021
Sample Registration Date : 07/05/2021
Date of Sampling : 07/05/2021
Time of Sampling : 02:30 Hrs. to 10:30 Hrs.
Analysis Starting Date : 07/05/2021
Analysis Completion Date : 11/05/2021
Sample Lab Code : UT/ELS/C-068/05-2021
Ambient Air Temperature : 27.8°C to 31.4°C

AMBIENT AIR QUALITY MONITORING

Location Code : 03
Sample Location : Near Site Office
Co-ordinates: N18°32'23.05"; E73°52'48.47"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 08 Hours
Relative Humidity : 52.0% to 67.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	11	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	24	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R-96/010a Method IO-2.1	81	µg/m ³
4.	Particulate Matter (PM _{2.5})	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	25	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.1	mg/m ³

†: 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 - Polltech; Model - PEM-RDS 8NL; Sr. No. 3413	Valid up to - 10/01/2022
	Fine Dust Sampler	Make - Netel; Model-NPM FDS2.5/10µ (A); Sr. No. 243	Valid up to - 12/01/2022

Note: 1. This test report refers only to the sample tested.
2. Monitoring area coming under Commercial 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 -

For ULTRA-TECH,

M. N. Nanyoshi

(Authorized Signatory)

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 ₂), µg/m ³	Annual* 24 Hours**	50 80	20 80
02.	Oxides of Nitrogen (NO _x), µg/m ³	Annual* 24 Hours**	40 80	30 80
03.	Particulate Matter (PM ₁₀), µg/m ³	Annual* 24 Hours**	60 100	60 100
04.	Particulate Matter (PM _{2.5}), µg/m ³	Annual* 24 Hours**	40 60	40 60
05.	Carbon Monoxide (CO), mg/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

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TEST REPORT

ISSUED TO: M/s. ABIL PROP CON LLP

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-114/09-2021**ISSUE DATE** : 29/09/2021**YOUR REF.** : WO/ABPP/ABBOLVD/2020/126**REF. DATE** : 15/07/2020**SAMPLE PARTICULARS****NOISE LEVEL QUALITY MONITORING****Sampling Plan Ref. No.** : C-10/05-2021**Sample Lab Code** : UT/ELS/C-069/05-3021**Date of Monitoring** : 06/05/2021 to 07/05/2021**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	12:00 to 12:05	55.8	00:00 to 00:05	44.1
02.	East Side Of Project Site	12:10 to 12:15	53.8	00:10 to 00:15	43.6
03.	Near Site Office	12:20 to 12:25	54.4	00:20 to 00:25	42.8
04.	West Side Of Project Site	12:30 to 12:35	55.7	00:30 to 00:35	41.6

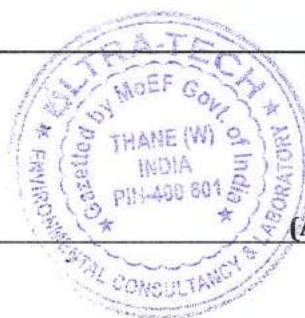
Opinions / Interpretations: The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference.
(Turnover to find Annexure).

Note: 1. Monitoring area coming under Commercial 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 - Lutron; Model - SL-4030; Sr. no. Q-623339	Valid up to - 03/01/2022

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 -



For ULTRA-TECH,

M. Namjoshi

(Authorized Signatory)

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.

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TEST REPORT

ISSUED TO: M/s. ABIL PROP CON LLP

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-115/09-2021

ISSUE DATE : 29/09/2021

YOUR REF. : WO/ABPP/ABBOLVD/2020/126

REF. DATE : 15/07/2020

SAMPLE PARTICULARS

Sampling Plan Ref. No. : C-10/05-2021
Sample Registration Date : 07/05/2021
Date & Time of Sampling : 06/05/2021 at 17:00Hrs
Analysis Starting Date : 07/05/2021
Analysis Completion Date : 14/05/2021
Sample Collected By : ULTRA TECH
Sample Lab Code : UT/ELS/C-070/05-2021

WATER SAMPLE ANALYSIS

Sample Type : Drinking Water
Sample Location : Near Site Office
Sample Quantity & Packing Details : 2 L in Plastic Container and 100ml in Sterile Corning Bottle.

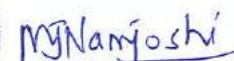
Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500 : 2012]
PHYSICAL PARAMETERS:-					
1.	Turbidity	IS 3025 (Part 10) 1984	BDL[DL=0.1]	NTU	1
CHEMICAL PARAMETERS:-					
2.	pH	IS 3025 (Part 11) 1983	7.4	-	6.5 - 8.5
3.	Electrical Conductivity	IS 3025 (Part 14) 1984	176	µS/cm	-
4.	Total Dissolved Solids	IS 3025 (Part 16) 1984	108	mg/L	500
5.	Total Hardness as CaCO ₃	IS 3025 (Part 21) 2009	60	mg/L	200
6.	Total Alkalinity as CaCO ₃	IS 3025 (Part 23) 1986	54	mg/L	200
7.	Phenolphthalein Alkalinity as CaCO ₃	IS 3025 (Part 23) 1986	BDL[DL=1]	mg/L	--
8.	Sulphate as SO ₄ ²⁻	APHA 23 rd Ed. 4500-SO ₄ ²⁻ E	13	mg/L	200
9.	Phosphate as PO ₄ ³⁻ -P	APHA 23 rd Ed. 4500 P E	BDL[DL=0.01]	mg/L	--
10.	Chlorides as Cl ⁻	IS 3025 (Part 32) 1988	22	mg/L	250
11.	Ammonical Nitrogen as NH ₃ -N	APHA 23 rd Ed. 4500- NH ₃ -F	BDL [DL=0.01]	mg/L	0.5
12.	Nitrates as NO ₃ -N	IS 3025 (Part 34) 1988	0.6	mg/L	45
13.	Calcium Hardness as CaCO ₃	IS 3025 (Part 40) 1991	34	mg/L	--
14.	Calcium as Ca	IS 3025 (Part 40) 1991	14	mg/L	75
15.	Potassium as K	IS 3025 (Part 45) 1993	1.4	mg/L	--
16.	Sodium as Na	IS 3025 (Part 45) 1993	13	mg/L	--
17.	Magnesium as Mg	IS 3025 (Part 46) 1994	6	mg/L	30
18.	Lead as Pb	IS 3025 (Part 47) 1994	BDL [DL=0.6]	mg/L	0.01
19.	Iron as Fe	IS 3025 (Part 53) 2003	BDL [DL=0.06]	mg/L	0.3
20.	Fluoride as F ⁻	APHA 23 rd Ed. 4500-F B,D	BDL[DL=0.2]	mg/L	1.0
BACTERIOLOGICAL PARAMETERS:					
21.	Total Coliform	IS 1622 : 1981	BDL[DL=2]	MPN/100 ml	0
22.	F.Coli	IS 1622 : 1981	BDL[DL=2]	MPN/100 ml	0
23.	E.Coli	IS 1622 : 1981	Absent	-	Absent

DL - Detection Limit
BDL - Below Detection Limit
Opinions / Interpretations: The given sample confirms with standard specifications as per IS-10500:2012 for above analyzed parameters.

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

For ULTRA-TECH



(Authorized Signatory)

Page 1 of 1

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TEST REPORT**ISSUED TO: M/s. ABIL PROPON LLP**

For Your Site : "ABIL BOULEVARD"

Sr.No.35 A/2,35 A/3,36/1,36/2,Ghorpadi,Koregaon Park

District-Pune Maharashtra

REPORT NO. : UT/ELS/REPORT/C-116/09-2021**ISSUE DATE :** 29/09/2021**YOUR REF. :** WO/ABPP/ABBOLVD/2020/126**REF. DATE :** 15/07/2020**SAMPLE PARTICULARS**

Sampling Plan Ref. No. : C-10/05-2021
Sample Registration Date : 07/05/2021
Date & Time of Sampling : 06/05/2021 at 17:30Hrs
Analysis Starting Date : 07/05/2021
Analysis Completion Date : 15/05/2021
Sample Collected By : ULTRA TECH
Sample Lab Code : UT/ELS/C-071/05-2021

SOIL QUALITY MONITORING

Sample Type : Surface Soil (at 15cm depth)
Sample Location : Near Main Gate
Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Colour	-	Brown	-
2.	Moisture Content	IS:2720 (Part 2) : 1973	4.8	%
3.	Bulk Density	UT/LQMS/SOP/S03	1127	kg/m ³
4.	Organic Matter	IS:2720 (Part 22) : 1972	1.0	%
5.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.6	%
6.	pH	IS:2720 (Part 26) : 1987	7.7	-
7.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.392	mS/cm
8.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	84	mg/kg
9.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	86	mg/kg
10.	Chlorides as Cl ⁻ (Water Extractable)	UT/LQMS/SOP/S23	98	mg/kg
11.	Sulphate as SO ₄ ²⁻ (Water Extractable)	UT/LQMS/SOP/S24	82	mg/kg
12.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.0	(meq/kg) ^{1/2}
13.	Cation Exchange Capacity	UT/LQMS/SOP/S18	25.0	meq/100g
14.	Water Holding Capacity	UT/LQMS/SOP/S12	54.6	%
15.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.9	mg/kg
16.	Phosphorous as P ₂ O ₅ (Available)	UT/LQMS/SOP/S28	55	kg/ha
17.	Potassium as K ₂ O (Available)	UT/LQMS/SOP/S29	191	kg/ha
18.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	165	Kg/ha
19.	Iron as Fe	UT/LQMS/SOP/S35 & S37	48124	mg/kg
20.	Zinc as Zn	UT/LQMS/SOP/S35 & S37	75	mg/kg

Opinions / Interpretations: NIL

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- END OF REPORT

For ULTRA-TECH



M/Namjoshi

(Authorized Signatory)

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Enclosure No.V

Provisional Fire NOC



Office of the Chief Fire Officer

Pune Municipal Corporation

Out W.No : FB/ 3112

Date : 24/10/17

(258 / 2017)

To,
Swapnil J. Deshpande Architects,
Prabhat Road, Pune.

Sub:- Provisional Fire NOC for proposed building at CTS.No.279, S.NO. 35A/2, 35A/3, 36/1, 36/2, Ghorpadi, Pune.

Ref :- Your Office letter Dt. 11.09.2017.

As per your request, visited the proposed site along with your representative Mr. Suresh Shelke on Dt.12.09.2017 and discussed with him regarding the fire protection system to be installed in the proposed building.

1. It is open plot with existing structure which will be demolish before commencement of new work.
2. Motorable road is available for proposed site.
3. Two staircases will be provided as per approved plans submitted to this office.
4. Seven lifts will be provided as per approved plans submitted to this office & one of them should be a stretcher lift as per NBC 2016 & the Notification No. TPS - 1806/2125/ C.R. 435(A) / 06/UD-13, of Urban Development Department, Govt. of Maharashtra.
5. Building will be use for commercial (shops on lower ground floor, restaurant on upper ground floor & offices on 1st to 5th floor) purpose only.
6. Parking will be provided at three basements, 1st, 2nd podium floors as per plans submitted to this office.
7. Height of the proposed building will be 37.20 Mtrs. Only.
8. Fire premium charges is paid by challan No.71738, Dt. 29.09.2017, Rs. 5,79,400/-
9. Fire Service fees and annual fees are paid by challan No.71739, Dt. 29.09.2017, Rs. 1,17,060/-
10. Total plot area is 9400.00 Sq. Mtrs. and total built-up area will be 11587.40 Sq.Mtrs.

Considering the above, this office has No objection to construct the building as proposed subject to the compliance of following fire prevention & fire protection systems in each tower.

- 1 The plans of the proposed buildings should be got approved by the competent authority.
- 2 The building completion certificate & drainage completion certificate should be obtained from the competent authority.
- 3 Proper roads in the premises should be provided for easy mobility of the Fire Brigade Appliance & marginal spaces should be kept free from obstructions all the time. If ramps provided in open marginal spaces, it should not affect the easy mobility of Fire Engines around the building.
- 4 The internal roads and podium shall be able to withstand the load of minimum 45 Tons.
- 5 All fire fighting equipments installed at various locations as per local hazard such as Hydrant valves, Hose Reel, Co2-ABC, Foam, and Fire buckets etc. must be strictly confirming to relevant I.S. specification.
- 6 All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
- 7 Emergency Telephone numbers like "Police", "Fire Brigade", "Hospital", "Doctors", and "Responsible persons of the building " should be displayed in security cabin & at each passage of the each building.
- 8 It shall be ensured that security staff of the building are trained in handling fire fighting equipments & fire fighting.
- 9 The Fire drill & Evacuation drill (Mock Drill) should be planed & conducted after every six months and the instruction should be given to the entire staff minimum four times in a year.
- 10 Cautionary boards such as "DANGER", "NO SMOKING", "EXIT", "FIRE ESCAPE", "EXTINGUISHER", "HYDRANT", MANUAL CALL POINT" etc. should be displayed on the strategic location to guide the occupants in case of emergency. The signs should be of florescent type and should glow in darkness.
- 11 Interconnectivity between fire water tank & Domestic water tank with isolated valve should be provided so that during emergency the stored water in domestic water tank can be utilized for fire fighting.

- 12 The number of lifts in one lift bank shall not exceed four. Lift car doors shall have fire resistance of not less than one hour. Minimum one passenger lift shall be "Fire Lift" & the construction, Installation shall be as per relevant standards.
- 13 Fire Escape Staircase shall be directly connected to the ground Fire escape constructed of M.S. angels is not permitted. Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
- 14 Staircase shall always be kept in sound operable condition. Emergency lighting arrangements shall be provided in fire escape.
- 15 Emergency lights shall be provided in all the staircases & corridors, Passageways, Gangways etc.
- 16 Transformer should not be installed in the basement or any upper floors. It should be out side of the building. Installation should be done in accordance with the relevant norms.
17. The inspection panel doors and any other opening in the shaft shall be provided with airtight fire doors having the fire resistance of not less than two hours.
18. Non- smoking cables should be used for all installations.
19. All the fire fighting systems drawing / layout should be approved from the Chief Fire Officer, PMC, before starting any work.
20. Ramps should not be provided in open marginal spaces, the provision of Ramp should be done in such a way that, clear open spaces should be provided for easy & unobstructed mobility of fire engines around the building.
21. Proper mechanical ventilation or smoke extraction system which will be suitable should be provided.
22. Refuge area should be provided at immediate floor after Height 24.00 Mtrs., height there after. The location of refuge area should be preferably at front side of the building & to the satisfaction of Chief Fire Officer, Pune Municipal Corporation. If the refuge area is inside the office, it should be properly marked as "REFUGE AREA" & easily visible from ground level.
23. In future, if the height of the building will be increased more than mentioned height in this NOC, all the conditions from D.C.Rules of PMC & NBC 2016 will be applicable as it is for the future proposed height. This office will not given any type of concession in the conditions for the future height of the said building.
24. In case of emergency, the alternate power supply should be provided for the Fire Pumps, Fire Lifts etc. The Certificate from electric engineer regarding this, should be provided at the time of Final NOC.

Requirement and Provision :- The following fire protection system should be required for the safety of the building.

Sr. No.	Protection	Requirements	Provision	Remark
01	Fire Extinguishers for A.B.C. class of fires	Required	As per IS 2190	At strategic Location
02	Hose Reel Hose with jet & spray multipurpose nozzle	Required in the staircase	Rubber hose preferably yellow fluorescent, 19 mm ID ISI marked, not less than 20.00 Mtrs.	
03	Court Yard hydrant of Ring Hydrant System around Building	Required for the building	Confirming to IS:3844:1989, IS:13039:1991	Spacing not more than 45.00 Mtrs.
04	Wet Riser cum down comer	Required in the staircases	"C" class ISI marked – 6" dia. Pipeline of Zenith / Jindal / TATA / Surya / APL Apollo / Siddhartha / Bhushan make.	
05	Automatic Sprinkler System	Required all floors including corridors, lobbies & passages of the building.	Confirming to IS:15105:2002	Distance should be maintain 3×4 Mtrs. between sprinklers.
06	Manually Operated Fire Alarm System.	Required at all floors at prominent places with talk back facility		On each floor near each staircase
07	Automatic addressable Detection & Alarm System	Required at all floors including corridors, lobbies & passages of the building.	Confirming to IS:2189:1999 & IS:11360:1985 & 2175:1988	Addressable Fire alarm & detection system recommend
08	Underground Static Storage tank	Required 2,00,000 ltrs. should be provided (required as per NBC 2016)		
09	Terrace Tank	Required 20,000 ltrs.	Above staircase on terrace floor for independent water supply to wet riser cum down comer.	
10	Fire Dampers in AC Ducts	Required	IS:655:1963 specifications for metal air ducts (Revised)	

11	Fire Lift	Required	Provided as per the guidelines of NBC 2016 & D.C.Rules 2017.	
12	1.Fire Brigade Connection For Static Water Tank 2.Hydrant Sprinkler Riser System 3.External hydrant ring main	4 way. 3 way. 4 way.	Near the entry point of the building.	
13	Fire pumps main Pumps on Underground water tank Booster Pumps On terrace level with stand by pump.	2 Nos.2850 lpm Electrical driven 1 No. 2850 lpm Diesel driven 1 No.180 lpm jockey pump electrical driven 1 No. 900 lpm electrical driven (pumping arrengment should be made as per the guidelines of NBC 2016.)	Positive fire pump suction preferred Pumps of Kirloskar / Crompton / Mather & Platt makes	
14	Safety signs & Exit Signs	Florescent type	IS:12349:1988 & IS12407:1988	On all strategic locations
15	Fire Doors	Required at each floor to the staircase and front door of each room	Confirming to IS: 3614 (Part-1)1966	2 hrs. Fire resistive types with panic bar from both the sides (Tested by Roorki or A.R.A.I.only)
16	Pressurization of fire/ escape staircases/ Fire lift	Required	For Highrise buildings above 24 Mtrs. height	
17	Emergency Lights	Required		
18	PA System with talk Back Facility	Required		
19	De watering system	Required at basements of the building with separate de watering pump.		
20	Auto D.G. Backup	Required for all fire fighting systems & fire lift of each building		
21	Fire Resistance rating for Glass used for facade	Required if glass facade will be provided		

ELECTRICAL SERVICES :-

1. Non-smoking cables should be used for installations. The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct.
2. Water mains, telephone lines, intercom lines, gas pipes or any other service lines shall not be laid in the duct of electric cables.
3. Medium & low voltage wiring running in shaft and within falls ceiling shall run in metal conduit.
4. Separate circuits for water pumps, lifts, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others.
5. An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of termination of electric supply. The doors provided for the service room shall have fire resistance of not less than two hours.

Staircase and Corridor Lightings :-

- a) The staircase and corridor lighting shall be on separate service and shall be independently connected so as it could be operated by one switch installation on the ground floor easily accessible to fire fighting staff at any time irrespective of the position of the individual control of the light points, if any.
- b) Staircase and corridor lighting shall also be connected to alternate source of supply.
- c) Emergency lights shall be provided in the each staircase / corridor.
- d) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed in the staircase and the corridor do not get connected to the sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the stand by supply.

- e) The fire escape staircase shall be provided with mechanical Pressurization devices, which will inject the air in to staircase, lobbies or corridors to raise their pressure slightly above the pressure in adjacent parts of the building so the entry of toxic gases or smoke in to the escape routes is prevented. The pressure difference for staircases shall be as under.

Building Height	Pressure Difference	
15 Mtrs. or above	Reduced Operation (Stage 1 of a 2 Stage System)	Emergency Operations (Stage 2 of a 2 Stage System or Single Stage System)
	15 Pa	50 Pa

Illumination of Means of Exit : Staircase and corridor lights shall conform to the following.

- The staircase and corridor lighting shall be on separate circuit and shall be Independently connected so that it could be operated by one switch Installation on the ground floor easily accessible to fire fighting staff at any time irrespective of the position of the individual control of the light points. if any. It should be of miniature circuit breaker type of switch so as to avoid replacement of fuse in case of crises.
- Staircase and corridor lighting shall may be connected to alternative supply The alternative source of supply may be provided by battery continuously trickle charges from the electrical mains: and
- Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installing in the staircase and the corridor does not get connected to two sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the sand by supply.

FIRE ESCAPE: (ENCLOSED TYPE) SHALL COMPLY THE FOLLOWING: -

- Travel Distance should be maintained as per the guidelines given in National Building Code 2016 & D.C. Rules of PMC. Exits and staircase guidelines should be followed as per PMC's DC Rules and National Building Code-2016.
- Fire escape constructed of M.S. angels is not permitted.
- Opening of the Fire Escape Staircase should be from outside.
- Fire Escape staircase should be enclosed type. These should always be kept in sound operable condition.
- Exits door shall open outwards, that is away from the room, but shall not obstruct the travel along any exit.
- Fire Escape Staircase shall be directly connected to the ground.
- Entrance to the Fire Staircase shall be separate and remote from the internal staircase.
- Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
- The route to the external staircase shall be free of obstructions at all times.
- The Fire Escape stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.
- No Staircase, used as a fire escape, shall be inclined at an angel greater than 45° from the horizontal.
- The width of the staircase should be maintained as per NBC 2016. The other detailed provision for exits in accordance with National building code - 2016.
- Fire Staircase shall have straight flight not less than 125 c.m. wide with 20 c.m. treads and risers not more than 19 c.m. The number of risers shall be limited to 15 per flight.
- Handrails shall be of a height not less than 100 c.m. and not exceeding 120 c.m.

Staircase Enclosures:-

- The external enclosing walls of the staircase shall be of the brick or the RCC construction having the fire resistance of not less than two hours. All enclosed staircase shall have access through self closing door of one hour fire resistance. These shall be single swing doors opening in the direction of escape. The door shall be fitted with the check action door closers.
- The staircase enclosure on the external wall of the building shall be ventilated to the atmosphere at each landing.
- Permanent vent at the top equal to the 5% of the cross section area of the enclosure and openable sashes at each floor level with area equal to 1 to 15% of the cross sectional area of the enclosure on external shall be provided. The roof of the shaft shall be at least 1 meter above the surrounding roof. There shall be no glazing or the glass bricks in any internal closing wall of staircase. If the staircase is in the core of the building and cannot be ventilated at each landing a positive pressure of 5 mm w.g. by an electrically operated blower/blower shall be maintained.
- The mechanism for pressurizing the staircase shaft shall be so installed that the same shall operate automatically on fire alarm system/ sprinkler system and be provided with manual operation facilities.

FIRE LIFT :

1. To enable fire services personnel to reach the upper floors with the minimum delay, one fire lift per 1200 Sq. Mtrs. of floor area shall be provided and shall be available for the exclusive use of the fireman in an emergency.
2. The lift shall have a floor area of not less than 1.4 Sq. Mtrs. It shall have loading capacity of not less than 545 Kg. (8 persons) with automatic closing doors of minimum 0.8 Mtrs. width.
3. The electric supply shall be on a separate service from electric supply mains in a building and the cables run in a safe route safe from fire, that is, within the lift shaft. Lights and fans in the elevators having wooden paneling or sheet steel construction shall be operated on 24 Volt supply.
4. Fire fighting lift should be provided with a ceiling hatch for use in case of emergency, so that when the car gets stuck up, it shall be easily open able.
5. In case normal electric supply fails, it shall automatically trip over to alternate supply. Alternatively, the lift shall be so wired that in case of power failure it will come down to the ground level and stand still with door open.
6. The operation of a fire lift is by a simple toggle or two button switch situated in a glass fronted box adjacent to the lift at the entrance level. When the switch is on landing call points should become inoperative and the lift will be on car control only or on a priority device. When the switch is off, the lift will return to normal working.
7. The words "Fire Lift" shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level. The speed of the fire lift shall be such that it can reach the top floor from ground level within 1 Min.
8. The speed of the fire lift shall be such that it can reach topmost floor from ground level in 1 Minute.

LIFT ENCLOSURES:-

1. The walls enclosing lift shafts shall have a fire resistance of not less than two hours.
2. Shafts shall have permanent vents at the top not less than 18 c.m. (0.2 sq.m.) in clear area.
3. Lift motor room shall be preferably be sited at the top of the shaft and shall be separate from lift shafts by the enclosing wall of the shaft or by the floor of the motor room.
4. Landing doors in lift enclosures shall open in the ventilated corridor/ lobby & shall have fire resistance of not less than one hour.
5. The number of lifts in one lift bank shall **not exceed four**. Lift car doors shall have fire resistance of not less than one hour. A wall of two hours fire rating shall separate individual shafts in a bank. Minimum one lift in every lift bank must be a "Fire Lift".
6. For the building 15 meters and above in height, collapsible gates shall not be permitted for lifts and shall have solid doors with fire resistance of at least one hour.
7. If the lift shaft and lobby is in the core of the building a positive pressure between 25 and 30 pa shall be maintained in the lobby and a possible pressure of 50 pa shall be maintained in the lift shaft. The mechanism for the pressurization shall act automatically with the fire alarm /sprinkler system and it shall be possible to operate this mechanically also.
8. Exit from the lift lobby, if located in the core of the building shall be through a self closing fire smoke check door of one hour fire resistance.
9. Lift shall not normally communicate with the basement. If however, lifts are in communication, the lift lobby of the basement shall be pressurized as mention above with self closing doors.
10. The lift machine room shall be separate and no other machinery shall be installed therein.
11. Ground switch/switches at ground floor level to enable the fire service personnel to ground the lift car/cars in emergency shall be provided.
12. Telephone or other communication facilities shall be provided in the lift cars which shall be connected to fire control room of the building.
13. Suitable arrangements such as providing slope in the floor of the lift lobby shall be made to prevent water used during fire fighting etc. at landing from entering the lift shaft.
14. A Sign shall be posted & maintained on every floor at or near lift indicating that in case of fire occupants shall use the stairs unless instructed by otherwise. The sign shall also contain a plan for each floor showing the locations of the stairway.
15. Alternate source of supply shall be provided for all the lifts through a manually operated change over switch.

AIR CONDITIONING :-

1. Escape routes like staircases, common corridors, lift lobbies etc, shall not be used as return air passage.
2. The ducting shall be constructed for substantial gauge metal in accordance with IS:655-1963 (Revised).
3. Wherever the ducts pass through fire walls or floors, the opening around the duct shall be sealed with fire resisting material such as asbestos rope, vermiculite concrete, glass wool etc.

4. As far as possible, metallic ducts shall be used even for the return air instead of space above false ceiling.
5. The material used for insulation the duct system (inside or outside) shall be of non-combustible material such as glass wool etc.
6. The automatic fire dampers provided in the A.C. ducts shall also be capable to operated manually.
7. Air ducts serving main floor areas corridors etc. shall not pass through the stair well.

TRANSFORMER :

1. Transformers shall not be installed on upper floors or in the basement.
2. The switchgears shall be housed in a separate room separate from the transformer bays by a fire resisting wall with fire resistance of not less than four hours.
3. The transformers shall be protected by providing proper fire protection
4. A tank of RCC construction of capacity capable of accommodating entire oil from the transformers shall be provided at lower level to collect the oil from the catch pit to the tank shall be of non-combustible construction and shall be provided with a flame-arrestor.
5. No grass or shrubs shall be allowed to grow in transformer switchyard.
6. A barbed wired fencing of minimum 1.5 height shall be provided around transformer switchyard & the gate shall be provided for entrance. The gate should be always locked & the keys should be kept with authorized/ responsible person of the company.
7. Danger/ No smoking board shall be displayed at the entrance gate of Transformer switchyard.

BASEMENT : (Required if Basement will be provided)

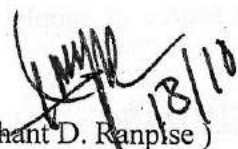
1. Automatic sprinkler system should be provided for entire basements. Distance between 2 sprinklers should not be more than 3.00 Mtrs.
2. De watering arrangement should be made in the basement with Separate dedicated de-watering.
3. The sprinkler pump should be separate and should be interlink with wet riser.
4. The basements should be provided with sufficient no. of staircases as per NBC 2016.
5. The staircase should have at least four hrs. fire resistance. The fire staircase provided for the upper floors shall not communicate to the basement. Separate staircase with separate entry from ground floor shall be provided for basement.
6. The alternate power supply should be provided at basement.
7. Proper mechanical ventilation should be provided in basement.

Regular Training and Maintenance of these systems should be carried out by the housing society / builders. As per provisions made in Maharashtra Fire Prevention And Life Safety Act 2006, the necessary Fire Service Fees and Annual Fees should be paid to PMC before obtaining the Final Fire NOC. All other provisions of D.C. Rules of Pune Municipal Corporation & National Building Code Of India- 2016 should be strictly adhered. The erection and installation work of the fire fighting system shall be done by the licensed contractor, having license from Director, Maharashtra Fire services or Chief Fire Officer, Pune Fire Brigade. The list of the license contractor is available on www.maharashtrafireservices.org. The copy of the work done & the license certificate should be attached with the relevant paper before obtaining Final Fire NOC.

This is a "Provisional No Objection Certificate" which shall be treated valid for the period of ONE YEAR from the date of issue. After providing the above fire prevention and protection system and after scrupulous compliance of above recommendations the inspection of the fire prevention & protection arrangements will be carried out & after satisfactory inspection "Final No Objection Certificate" may be issued to your building which may please be noted. This provisional NOC is issued only considering from the point of view of fire & life safety of the occupants. All other approvals related to structure should be got approved from the competent authorities.

The undersigned reserves right to amend any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the said building.


(Ramesh B. Gangad)
Assi. Divisional Fire Officer
Pune Municipal Corporation


(Prashant D. Ranpise)
Chief Fire Officer
Pune Municipal Corporation

Copy to : Asst. Engineer (B.C.)
Pune Municipal Corporation.

Enclosure No.VI

PUBLIC NOTICE

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10

Punalekar remanded in CBI custody again

The CBI officers found a folder in his laptop under the name 'Dabholkar'

MUBARAK ANSARI
reporters@sakaltimes.com

DABHOLKAR MURDER CASE

On August 20, 2013, at about 7:20 am, two unidentified persons aged about 25 to 30 years, of medium height, fired bullets and killed rationalist Dr. Narendra Dabholkar of Maharashtra. Anandashreddha Nimoolan Samit (MANS), while he was on footpath of Omkarneshwar Bridge behind Balgandharva Rangmandir, Pune City. The two assassins fled on a motorcycle.

Punalekar to police custody till June 23.

Dabholkar folder found on laptop

In the remand application, the CBI submitted, "During the investigation, it is found that Punalekar had differences with the rationalist and reformist activities of Dabholkar and CBI is able to recover one such letter dated 17.09.2012 written by accused Punalekar to Dabholkar. This indicates that accused Punalekar was

teachers would be appointed by the college. "Boys and girls should not be segregated in the classrooms, instead they need to

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PUBLIC NOTICE

This is to inform that the project "ABIL Business Avenue" by M/s. ABIL Propbuild LLP located at S. No. 227/A, 227/1 to 17 Plot No. 3, Virmannagar Village - Lohagaon, Tal. - Haveli, Dist. - Pune, has been accorded Environmental Clearance from Environment Department, Govt. of Maharashtra and copies of the clearance letter are available with the Maharashtra Pollution Control Board and Environment Department and may also be seen on the website of the environment department of Maharashtra at www.ecmpcb.in

M/s. ABIL Propbuild LLP

PUBLIC NOTICE

This is to inform that the project "ABIL Boulevard" by M/s. ABIL Propcon located at CTS. No. 279, S. No. 35A/2, 35A/3, 36/1, 36/2, Chorpadi, Koregaon Park, Tal. - Haveli, Dist. - Pune, has been accorded Environmental Clearance from Environment Department, Govt. of Maharashtra and copies of the clearance letter are available with the Maharashtra Pollution Control Board and Environment Department and may also be seen on the website of the environment department of Maharashtra at www.ecmpcb.in

M/s. ABIL Propcon

30 killed as bus falls into gorge in Himachal

Shimla (IANS): At least 30 people were killed and 40 others injured when an overloaded private mini bus skidded off the road and fell into a deep gorge in Kullu district of Himachal Pradesh on Thursday, police said. Passengers were also sitting on its rooftop.

NATION UPDATE

The accident occurred near Banjar, some 50 km from Kullu town. Most of the passengers travelling in the bus were from Kullu and Mandi districts.

Superintendent of Police Shalini Agnihotri said the private bus was on its way to Gada Gushahi from Kullu when the accident occurred.

Most of the injured have been admitted to hospitals in Kullu and Mandi, she added. The injured included school and college students from Banjar and were returning home. Eyewitnesses said the bus was overcrowded and the driver probably lost control over the vehicle while negotiating the turn.

"To improve the startup ecosystem, the government is simplifying rules. This campaign will be further expedited. Our goal is to establish 50,000 start-ups in the country by 2024," he added.

Startup India is the flagship initiative of the government. Launched in January 2016, it intends to build a strong ecosystem for the growth of startup businesses, to drive sustainable economic growth and generate employment.

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FC principal assures help to needy students

But, authorities claim that college is facing a huge loss

ST CORRESPONDENT
reporters@sakaltimes.com

Pune: While the issue of fee hike in the Ferguson College (FC) has rattled the students, the college authorities said that the institution is facing a huge loss.

FERGUSON COLLEGE

"FC is already facing a loss of Rs 6 crore," said Chairman of Deccan Education Society (DES) Sharad Kunte, commenting on the recent issue of increase in fees at the college, at a press interaction on Thursday.

Students had agitated over the unprecedented fee hike for the grant-in-aid sections for the new admissions of the first-year undergraduate courses of the arts and science faculties. They have further alleged that it would largely affect the students coming from rural Maharashtra, especially from the drought-affected areas.

Pardeshi said, "The college has always been supportive towards the needy students such as those coming from drought-affected areas or with lower income backgrounds. Even now, we have promised to help them."

"In fact, now the administration has planned to survey all departments to identify the students, who spend days on one meal. We don't want any student to starve and study. Accordingly, the food facility will be arranged for them," said Kunte.

Kunte said a ban on teaching, appointments, assignments, and signing of any problem in accessing credit, the credit guarantee coverage is being enhanced to Rs one lakh crore.

MSMEs contribute around 45 per cent to India's exports, about 25 per cent to the GDP from service activities and over 33 per cent to manufacturing output of India.

The government has taken steps to curb generation of black money in the real estate sector to benefit the middle class, and will further speed up its

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