



पिंपरी चिंचवड महानगरपालिका
अग्निशमन विभाग
Pimpri Chinchwad Municipal Corporation
Fire Department.



File No:- 497 O.W.No:- Fire/01/5RC-127/ WS /497/2021.

Date:- 22/9/21.

FINAL FIRE NO OBJECTION CERTIFICATE FOR BUILDING

Token No:- 103321220003372

Token Dt:- 23/09/2021

With reference to the application Dt. 23/09/2021 & 08/07/2021 of the under mentioned applicant, technical site inspection had been carried out by the Sub Officer of the department in accordance with the submitted plan copies and documents to this office.

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

Plot Area (Permissible FSI) – 120480.00Sq. Mtrs.

Bldg. Nos.	Height from G.L up to Slab (in Mtrs)	No. of Floors	Built up Area (Sq.mt)	Gross Built up Area (Sq.mt)	Occupancy Type
School Bldg.	19.20	BP+Gr+04	8516.76	8911.51	Educational

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

1.	Building Side margins, Drive ways, Staircases, Passages, Vehicle Ramps clearance as per shown in plan, for the maneuverability of the fire fighting vehicle should be kept absolutely free of obstructions, all the time. No Landscaping or any other structural work, to be done in side margins or in any other way, obstructing the access to side margins.																
2.	Emergency Contact Numbers Board of Fire, Ambulance, Police & MSEB o be displayed prominently at main gate and other easily visible places.																
3.	Hose Reel Hose (Type B), to be provided on all floors with shut off nozzle, (according to length of Bldg), fixed on wall Only. (Fitting of hose reel drums on Riser-Downcomer pipe is not allowed).																
4.	Extra Standby Pump (Electric for Res. and Diesel driven as applicable) of same capacity connected to DG Set, to be installed.																
5.	Independent Duct provision to be made for Riser cum Down Comer System for Buildings more than 7 floors and all Commercial Buildings.																
6.	Over Head RCC Fire Water Tank – 10,000 ltrs for Buildings up to 24 Mtrs height, 25,000 ltrs for buildings from 24 to 70 Mtrs height as well for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building.																
7.	Under Ground RCC Fire Water Tank – 50,000 ltrs capacity for Buildings above 24 mtrs to 40 mtrs height. 75,000 ltrs capacity for Buildings from 40 mtrs to 60 mtrs & 1,00,000 ltrs. capacity for Buildings 60 to 70 mts. height and for Special/Non Res.Bldgs. Tank capacity varies depending upon type of occupancy of building. However for group (cluster) of maximum 5 buildings, fire Water tank if single, its capacity should be calculated on the basis of 2250 lpm for minimum 2 hours of fire fighting or min 50% of the total water requirement for all buildings, whichever is higher.																
8.	Riser cum Down Comer System (each Bldg/Wing) - 6" dia, C class, ISI mark GI pipe, UG Tank Pump to be of Coupled Type, Positive Pressure Operating and above capacity for group/cluster of buildings (5 Wings and above) based on calculation with Hose Pipes (according to length of Bldg), Hydrant Valves, Nozzle, fittings, Starter, Pressure Switches, DOL Switch, etc. to be ISI Mark for all bldgs and provided with Fire Service Inlet at accessible position. For Bldgs above 60 mtrs, UG Tank Pump to be of Multi Head, Multi Outlet type. Automatic Sprinkler installation if any, to be provided with independent Pump of rated output and capacity. Jockey Pump of rated capacity to be provided for Wet/Sprinkler system, etc.																
	<table border="1"> <thead> <tr> <th>Height of Bldg (Mtrs)</th> <th>OH Tank Pump Cap.</th> <th>UG Tank Pump Cap.</th> <th>Head (UG Pump)</th> </tr> </thead> <tbody> <tr> <td>(i) 24 to 40 mts</td> <td>900 lpm</td> <td>1800 lpm</td> <td>90 mts</td> </tr> <tr> <td>(ii) 40 to 60 mts</td> <td>900 lpm</td> <td>2280 lpm</td> <td>110 mts</td> </tr> <tr> <td>(iii) 60 to 70 mts</td> <td>900 lpm</td> <td>2280 lpm</td> <td>120 mts</td> </tr> </tbody> </table>	Height of Bldg (Mtrs)	OH Tank Pump Cap.	UG Tank Pump Cap.	Head (UG Pump)	(i) 24 to 40 mts	900 lpm	1800 lpm	90 mts	(ii) 40 to 60 mts	900 lpm	2280 lpm	110 mts	(iii) 60 to 70 mts	900 lpm	2280 lpm	120 mts
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9.	Automatic Sprinkler System to be provided for - (a) All types of Bldgs having Basements Parking area more than 200 sq. mt. (f) All Commercial Bldg with Covered Area more than 500 sq. mts. – (For Entire building.)																

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PRINCIPAL

D. Y. Patil Dnyanshanti School
Sec. No.29, Akurdi, Ravat

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For Dr. D.Y. Patil Pratishthan

Patil

	(j) All Lower Basement Area, Upper Basement Parking Area, All Ground parking Area, All Comm. Area, All Shops & Offices including passage area should be covered with sprinkler system.
10	MCP (Manual Call Points) and PA (Public Address) Communication System with Talk Back facility to be provided (Not allowed in Fire Ducts or Staircases)
11	Minimum TWO Staircases (apart) to be provided. One enclosed Fire Escape Staircase of Fire Tower Type to be provided with Fire Resistance Doors Assembly (with frame & accessories) of min 120 mins. (45mm thick) and Commercial bldgs to install Metal F. R. Door of CBRI / IPIRTI approved. This fire staircase shall be treated for use of inhabitants during fire and other emergencies and will not be taken into any other use, not even for installation of fire fighting system, etc
12	Fire Resistance Doors as above, of min 120 mins (45mm thick) as per IS 4079 to be provided for all Flats Entrances and Balcony/Terrace opening Doors for buildings above 60 mtrs
13	Fire Escape Staircase to be provided with Pressurization System, for Bldgs above 60 mtrs
14	Among the total Lifts provided, for bldgs upto 36 mtrs height, minimum one Lift to be Fire Lift of 545 kgs (8 person) capacity. Bldgs above 36 mtrs height to be provided with Fire cum Stretcher Lift (min 1.9 m x 2.5 m). These lifts shall have Fireman's switch and Talk back Facility emergency communication system
15	a) Basement/Lower Parking should have proper Mechanical Smoke Extraction & Dewatering pump Arrangements to prevent smoke and water logging. b) Mirror should be provided all Basement/Lower/Ground/Upper Parking Level's blind turn appropriate areas.
16	Basement/Lower Parking to be used only for Parking and Nonflammable stores as per DC Rule Cl.15.11.12 & 15.11.13. Human habitation use of any kind is not permitted.
17	Open Terrace, especially over topmost floor of the building should not be covered or taken into use for any Hotel, Business, commercial purposes or human habitation such as any Roof Top Structure or alike
18	(a) ABC Type Fire Extinguishers, 6 kg cap. (ISI mark of Reputed Brand) - 2 Nos. on every floor and additional 1 Nos for Electric Panel Board, 1 Nos for Lift Room of each building and 1 Nos for D.G. Set /Transformer/D.P/ Feeder pole to be provided. (b) ABC Type 6 kg cap. (ISI mark of Reputed Brand) - 2 Nos. minimum for every shop/office, etc to be provided in case of Mix or Commercial occupancy bldgs. (c) ABC Type 6 kg capacity (ISI mark of Reputed Brand) -1 Nos. minimum for every 100 sq mtr area for every Basement or other Parking areas AND 1 no for every vehicle for bldgs having Stack Mechanical/Puzzle Parking if any. (f) (i) Automatic Fire Trace & Suppression System to be provided for Computer Server Rooms.
19	Courtyard Ring Mains (Above Ground) and or Parking Hydrants with one 2/4 way Collecting Head for each wing to be provided apart from the bldg in front, at accessible position as per IS-13039-1991 - Provision & Maintenance of External Hydrant System.
20	Fire Pump Installation and all Emergency Lighting System (eg. Staircase, passage, etc) to be connected to Independent Backup System, for cluster and Tower Buildings
21	Addressable Automatic Smoke/Multi Sensor Detection and Fire Alarm System to be provided for Commercial Buildings above 15mtrs height or having floor area above 500 sq.mtrs, with Laser Beam Detectors in Malls, Godowns, Auditoriums, Multiplexes & all other building, including Residential bldgs above 45 Meter in height as per IS-2189-1999 Code of Practice for selection, installation and maintenance of Automatic Fire Detection and Alarm System. Detectors and Panel Board to be of reputed company. Linear Heat Detection System for Electrical/Electronic Panels/Computer Server, etc
22	Hotels, Hospitals, Malls, Multiplexes, Industrial special bldgs above 15 mtrs height of individual proprietorship to install Cloud based Remote Monitoring and Alert Notification System (Feeds) for their entire Fire Fighting Installation connected to PCMC Fire Brigade Control Centre.
23	Fire Installation to be got done from the authorized Licensed Agency of Govt. of Maharashtra only and Drawings for Tower buildings above 40 mtrs height, Commercial Complexes Malls, Multiplexes, Hosp above 100 beds, Star Hotels etc. to be got approved, from local fire authority before starting of work.
24	Building Revision if any towards Remaining/Addl FSI, TDR Loading, Addl Plot Amalgamation, etc. in future, shall be sanctioned, subject to strict compliance of PCMC DC Rules Cl.6.2.6.1,10.6,19.6.2,19.6.3,19.6.4 and GR No.TPS-1809/287/CR-1924/UD-13, Dt.10/03/2010, for Two Staircases, proper Side Margins & proper Approach Road width clearance, only. Apart from above requirements, the construction of the building and compliance to be carried out as per the following codes, which is the moral responsibility of the applicant - a. NBC -2016 Codes - Part IV - Fire and Life Safety b. ISI Codes - • IS-1642 - Code for Fire Safety of Buildings -Details of Construction • IS-1643 - Code for Fire Safety of Buildings - Exposure Hazard. • IS-1644 - Code for Fire Safety of Buildings- Exit requirement and Personal Hazards. • IS-1646 - Code for Fire Safety of Buildings- Electrical Installation. • IS-732 - Code for Electrical Wiring installations. • IS-1893- Criteria for Earthquake Design of Structures and • IS-4326- Code for Earthquake Resistance Design and Construction of building • IS-2309- Code for Protection of buildings against Lightning Safety.

NOC Applicable Points Nos.:	1, 2, 4, 5, 6, 7, 8, 9(b), 10(a,f,j), 12,13, 14, 15, 20, 22(a,b), 23, 25, 26(a,b,c,f,i) 27, 28, 31(a) 32, 36, 38, 39 Only.
NOC Remarks if any	Prov. NOC No. Fire/ADMC/SB/WS/890/2016, Dt.16/02/2016. Recommended against Rev-II NOC No. Fire/02/5PC/WS/794, Dt.07/01/2019. Subject to Sanctioned Plan No. DA/Ravet/26/29/BL/608 Dt.09/05/2019. Subject to Undertaking No. PR/169/21 Dt. 30/08/2021 submitted by Dr. Shri. Neeraj Vyawahare, Campus Director (I/c) of Dr. D. Y. Patil Pratishthan, Akurdi regarding the remaining fire safety compliance should be completed within 90 days or before obtaining Business Fire NOC & actual use of school building for the educational purpose.

Since, this NOC is only for building construction purposes, Fire NOC for the Business / Utility purposes should be taken separately. eg. Malls, Multiplexes, Hotels, Hospitals, Schools, Gas Banks, Gas Agencies, Petrol Pumps, etc.

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

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

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

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


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

Fire NOC Fees once paid, is Non refundable.

{Abbrev: B-Basement, Gr.-Ground, Po-Podium, Pr-Parking, BP-Basement Parking, GP-Ground Parking}

Site Address :-
"Dnyanshanti School Building"
BL-1, Sec.No.29, PCNTDA
Ravet Pune.

Fire System Installer:-
Ashbell Systems,
Fire Engineers.
43/349,Sant Tukaram Nagar
Pimpri Pune.


Chief Fire Officer
Pimpri Chinchwad Municipal Corporation
Pimpri - 18.

To,

M/s. Vousoirs Arch./ Sameer Valimbe,


For: Owner: Mr. Sanjay D. Patil, (D. Y. Patil Pratishthan, Pune)
Details of Previous Fees Paid:

Particulars	Prev. fees paid in Rs.	Receipt No & Date
Paid For Prov. NOC	46,15,600/-	R.No.303315160019828Dt.16/02/2016.
Paid For Prov.Revi-II NOC	3,52,500/-	R.No.303317180015439Dt.20/11/2017.
CFC	1,500/-	R.No.303318190017819, Dt.19/12/2018.
Total Paid	49,69,600/-
Final Fire NOC Fees Rs. NIL.		

*Fees Receipt to be preserved properly & Xerox copy submitted during next submission for Revision or Final NOC case.

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PRINCIPAL
D. Y. Patil Dnyanshanti School
Sec. No.29, Akurdi, Ravet,
Pune-44.

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Authorized Signatory