



गट ग्रामपंचायत - पांजरी (बु.)

पंचायत समिती नागपूर, जिल्हा परिषद, नागपूर.



सौ. संगिता भोयर
सरपंच
मो.: ९५४५७७५५२६

श्री. पुरुषोत्तम कांबळे
उपसरपंच
मो.: ९८२२९३६६५४

श्री. पंकज चाफले
सचिव
मो.: ९८९०७९९९०४

सदस्यगण : श्री. चकधर गणोरकर, सौ. लक्ष्मीबाई कोराम, सौ. सुषमा बागडे, सौ. विद्या बाराहाते,
श्री. धार्मिक पारेकर, श्री. मुरलीधार कोराम, सौ. जयश्री पराते, सौ. योगिता धीमे, कु. आचल भगत

जावक क्र. २१६.....



FIRE SEFTY CERTIFICATE

Cetified that ' The Achievers School (Name of the building or premises) at kh. No #8 Waroda outer Ring Road, Nagpur - 441108 (address) comprised of 2 block, Admin Block (1 Floor) And Academic Block (2 Block) is occupied by "Achievers School" (name of the institution) have complied with the fire prevention and fire safty requirments in accordance with rule of state fire service Rules and that the premises is fit for occupancy for a period of 3 (three) years in accordance with rule and subject to compliance of the conditions.

Issued on 13/03/2020 by Gram Panchayat panjari (bu)

Signature

सरपंच / सचिव
ग्राम पंचायत पांजरी (बु.)

Signature
17/21
Manager

The Achievers School
Kh.No.8, Waroda Village,
Wardha Road, Via Le Meridien Hotel,
Wardha Road, Nagpur-441108.

Signature
13/3/20
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

उघड्यावर शौचास बसु नका, शौचालयाचा वापर करा. हागणदारी मुक्त गांव करण्यास सहकार्य करा.



**OFFICE OF THE CORPORATION OF THE CITY, NAGPUR
(FIRE & EMERGENCY SERVICE)**

Chhatrapati Shivaji Maharaj Prashashdiya Bhawan, Mahanagar Palika, Civil lines, Nagpur - 440 001

Ph. No.: 0712-2567777
Fax No.: 0712-2561584

No. FES/ 40 /CFO
To,

Date:- 06/6/2019

1) Assistant Engineer
Nagpur Metropolitan Region Development Authority,
Station Road, Sadar, Nagpur.

✓ 2) Shri. Nitin Shrinivas Katiyar,
47 B2, 1st floor Lambent IT Park,
Besa, Nagpur - 34.

Sub: Revised /First No-objection certificate in respect of adequate and effective installation of Fire safety measures in the Existing Educational Building. (Block-A)

Ref:- Letter No. Asst. Engineer (NMRDA)/1653, Dated. 15-05-2019

With reference to the above letter along with tentatively approved building plans and application of owner and architect date 21.05.2019 submitted by Shri. Nitin Shrinivas Katiyar, the recommendation in respect of adequate and effective installation of Fire safety measures are being suggested in accordance with provision of Maharashtra Fire Prevention and life safety measures act 2006 for existing Educational Building on The Achiever School, A unit of Krantin Shiksha Samitee, at KH. No. 8. Mouza-Varora, Tah. Nagpur [Rural]. the same should be strictly adhered to and complied with. This letter shall be read along with the enclosed approved building plan.

1) Building Details :-

1. Name & Address of the owner : Shri. Nitin Shrinivas Katiyar, 47 B2, 1st floor Lambent IT Park, Besa, Nagpur - 34.
2. Location & Address of the building : - The Achiever School, A unit of Krantin Shiksha Samitee, at KH. No. 8. Mouza-Varora, Tah. Nagpur [Rural].
3. Name of Architect :- Shri. Vikas Sah. (NIT L. No. -2973)
4. Name of License Agency : M/s Ameya Agencies (License No. MFS-LA/RF-0209, RP-0029, RD-0287), Nagpur.
5. Present Position : Existing
6. Total Plot Area : 24115.53 sqm.
7. Total B.U. Area : 3324.423 sqm. /Super Built up 5276.338 sqm.
8. No. of Buildings : 1 No. (Block-A)

J. Prasad
17/7/21
Manager

The Achievers School
Kh.No.8, Waroda Village,
Wardha Road, Via Le Meridien Hotel,
Wardha Road, Nagpur-441108.

D. Priyadarshini
17/7/2021
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

9. Height of Building : 7.800 mtr.
 10. No. of Floors : Ground to 1st Floor
 11. No. of Lift : 1 No.
 12. Building Specialty if any : School Building
 13. Classification of Building: : Educational Building.
 14. Street/ Road for maneuverability of fire vehicle.: North Side 15.00 mtrs. wide road.
 15. No. of Basement :- N/A
 16. Basement Ramp :- N/A
 17. Means of Escape :

Staircase	No. of Staircase	From	width
Internal Staircase	01 No.	Ground to Terrace	2.00 mtr.
Emergency Staircase	01 No.	Ground to Terrace	2.00 mtr.

18. Marginal space around the building for movement of fire vehicle with proper turning circle. As per submitted Revised Plan.

Front side	10.60 mtr.
Rear side	9.50mtr
Side (I)	Open Ground
Side (II)	6.02 mtr.

19. Exposure Hazard:

East	Play Ground
West	Play Ground
North	Admin Block-B Building & 15.00 mtr. Wide Road
South	As per Plan

20. The area wise details of each floor & their use are as under :-

Sr. No.	No. of Floor	Built up Area in SQM	Occupancy/Use
1.	Ground Floor	1598.508 sqm	08 nos. Class Room, 02 nos. Common Activity Hall, 02 nos. Verandah, 02 nos. Staircase, 01 no. Ramp, 02 nos. Elec. Room 01 no. Lift & etc.
2.	First Floor	1725.915 sqm	08 nos. Class Room, 02 nos. Common Activity Hall, 02 nos. Verandah, 02 nos. Staircase, 01 no. Ramp, 02 nos. Elec. Room 01 no. Lift & etc.

Johna Kataria
 17/12/21

Manager

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D. Priyadarshini
 17/12/21
Director Academics & Principal
The Achievers School
 Rui Road, Waroda
 Nagpur

II) This First No-Objection Certificate is mere recommendation letter and is valid subject to fulfillment of the following conditions:-

1. The Plans (adhering to Relevant Development Control Rules & National Building Code- 2016 where necessary) of the proposed construction should be sanctioned/approved by Competent Authority ADTP/NIT/NMRDA & others.
2. The B.C.C/Occupancy Certificate Shall be issued from competent authority subject to Final N.O.C. from this department as per Fire Act 2006 under section 3(2).
3. Under section 3 of Maharashtra Fire Prevention and life safety measures Act, 2006(hereafter referred to as "said Act")

The applicant (developer, owner, occupier by whatever name called) shall comply all the fire and life safety measures adhering to National Building code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.

4. As per Provision as under section 10 of the said Act. No person other than the license Agency shall carry out the work of providing Fire Prevention and life safety Measures or performing. Such other related activities required to be carried out in any place or building or part thereof.
5. Though certain conditions are stipulated from the said Act and National Building code of India, it is obligatory on part of the applicant that is developers, builder, occupier, owner, tenant, by what so ever named called to abide with the provision of said Act failing which it shall be action liable for under the provisions of said Act.
6. **As per Fire Act 2006 Under Section 3(1) Minimum requirement for fire fighting installation. The following fire protection system shall be provided.**

Sr. No	Fire Fighting Installation	Requirement as per NBC 2016 & Fire Act 2006	Remarks
	Portable Fire Extinguisher	Required at each floor.	Shall be conforming to IS:15683 & placed at strategic location & NBC-2016 IV Clause 5.1 should be accordance with accepted standard 4(17)
	Hose Reel	Required at each floor.	On each floor in the staircases landing for fire fighting. The first aid hose reel shall be connected directly to hydrant line and diameter of the hose reel shall not be less than 19mm confirming to IS:884:1985 & NBC-2016 Part IV clause 5.1.1(b), 4(18), 4(17)
3.	Hose Box	Required at each floor	With Front side glass containing hose pipe of 30 mtrs length & Branch pipe shall be provided
4.	Down Comer	Required at each floor	100 mm G.I. Pipe "C" type in vertical position connected to water source through pump with hydrant outlet on each

Sahakar
17/12/21

Manager

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17/12/21
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

			floor (0.9 mtrs. above landing) Required to provide near main Staircase, Landing of Valve should be installed confirming to IS:5290 & NBC part IV clause 5.1 & accepted standard 4(19)
5.	Yard Hydrant or Ring Hydrant around the building	Not Required (But Shown in Map)	Hydrant Point should be provided with 30 mtrs of delivery hose with coupling confirming to IS:14933-2001 along with standard branch(Universal)confirming to IS-2871.
6.	Automatic Sprinkler System	Not Required	As per the plan sprinkler system is proposed only in common passage sprinkler system shall be installed in entire building in addition to common passage and lobby confirming to IS:11042016 & shall be as per NBC-2016 Part IV clause 5.1.3 and drawing of the same shall be submitted while obtaining Final No objection certificate.
7.	Manually Operated Electronic Fire Alarm System	Not Required (But Shown in Map)	Manually operated Fire alarm should be provided; it should be connected to alternate power supply in case of emergency.
8.	Automatic Detection and Alarm System	Not Required	Smoke/Heat Detector should be provided; it should be connected to alternate power supply in case of emergency & shall be confirming as per NBC Part IV clause 4.9
9.	Underground Static water Storage tank combined capacity for wet-Riser, Yard Hydrant and Sprinkler per set of pumps	Not Required (But Available of 1,50,000 Ltrs.)	This water storage should be used exclusively for fire fighting purpose. Shall be confirming as per NBC-2016 clause 5.1.2.1
10.	Terrace Tank over Respective Tower Terrace	Required 10,000 lit	This water storage should be used exclusively for fire fighting purpose
11.	Pump Near Underground Static Water Storage Tank(Fire Pump)with minimum pressure of 3.5 kg/cm ² at Remotest location	Not Required	Fire Fighting pump shall be well maintained & shall be confirming to NBC-2016 Part IV clause 5.1.2.2



Signature
6/6/19

Signature
17/21

Manager
The Achievers School
Kh.No.8, Waroda Village,
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Signature
17/2021
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

12.	Pump near the terrace tank level with minimum Pressure of 3.5 kg/cm ²	Required 450 lpm electrical driven	Fire Fighting pump shall be well maintained & shall be confirming as per NBC-2016, Table No. 07.
13.	Fire Brigade connection for Static water tank and for Hydrant System	Required at Main Gate	As be easily visible and accessible
14.	Sign Indicators for all fire safety safe evacuation of occupants in case of emergency signs	Required at Prominent Places	as per the guidelines given in IS:9457 for safety colour and safety IS:12349 for fire protection safety signs IS:12407 for Graphics symbols for Fire Protection Plan.
15.	Auto DG Backup	Required	Required for all fire safety systems as per NBC-2016 Part IV- clause No.3.4.6.2
16.	Fire Resistance Door	Required at each floor	Near fire escape staircase
17.	Fire Alert Hot line security system	-	For directly connecting the Fire fighting system of the building to Fire Deptt. Control room.

7. Fire escape staircase shall be of RCC construction, enclosed type with fire/smoke check doors of min 2 hrs fire resistance ratings. If the staircase is not ventilated on each landing and is in the core of building, pressurization system shall be installed to maintain positive pressure in the staircase.
8. Refuse chute or Refuse chamber shall not be provided in staircase wall.
9. Marginal space around the building shall be motorable and kept free from all type of obstruction. The slab over the basement/ramp/water harvesting pit/underground water storage tank in open marginal space should be capable to withstand vehicular weight of 45 tons.
10. Means of Access to premises shall be in the form of road of suitable width and load bearing capacity of 45 tons.
11. Width of entrance to the building shall be more than 4.5 mtr with vertical clearance of 5 mtr.
12. The construction material use for the building shall be of noncombustible material.
13. Electrical Installation should be confirming as per NBC-2016 Part IV clause No.3.4.6
14. Location of Electric Sub-Station or Transformer Room : should be safe side or out of building margin.

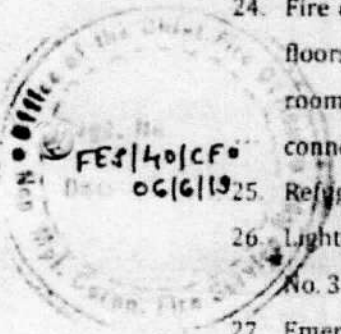
Jyoti K. Kulkarni
1/7/21

Manager

The Achievers School
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D. Priyadarshini
1/7/21
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

15. Electric Wiring Shall be metal conduit and cables shall be laid in separate duct this duct shall be sealed at every landing. The entire Electrical circuit shall have safety devices as circuit breaker arrangement that is MCB, ELCB, etc.
16. Electric main switch shall be easily visible, accessible and safe location.
17. Emergency power supply i.e. Standby Generator capable of to supply power to staircase, escape route, corridor, lighting circuit, lift, exit signs & fire pumps shall be Provided to this building.
18. Air-Conditioning system: If provided with AHU or centralized A/c plant than. :- Shall conform to part 8 section 3 of NBC. & NBC-2016 Part IV clause No.3.4.8.
 Note :- Dampers & AC ducts according with good practice 4:12. Utility ducts shaft C1.0 & C1.10 as per NBC. Electric ducts /shaft each floor non-combustible.
 - a. Automatic fire dampers shall be provided in duct, & at the inlet of the Fresh air.
 - b. A.C. dampers shall be closed automatically, upon operation of a Detector/sprinkler.
 - c. Air ducts for every floor shall be separated.
 - d. Separate AHU for each floor.
19. Fire Resistance doors near emergency staircase shall be provided.
20. Ventilation for supply of outside air into basement or the removal of inside air from enclosed space shall be provided.
21. Lift enclosures, landing doors in lift enclosures, shall have a fire resistance of two hours.
22. Communication system at lifts shall be connected to fire control room for the building.
23. Fire Evacuation drill shall be carried out at regular interval and record shall be maintained for inspection of fire service department.
24. Fire control room on the entrance floor at the building with communication system to all floors and facilities for receiving the message from different floors as well as the Fire control room shall also have facilities to detect the fire on any floors through indicator board's connection.
25. Refuge Area shall be provided as shown in plan.
26. Lightning Protection shall be provided to this building :- As per NBC-2016 Part IV clause No. 3.4.6.5 Part 8 "building service section 2 Electrical & allied installations".
27. Emergency Staircase/Internal Staircase corridor, Exit Way, Escape route should be free from obstruction by good house keeping.
28. No Mobile Tower to be erected over this building without prior permission from this department.
29. Cautionary boards such as "DANGER", "NO SMOKING", "EXIT", "FIRE ESCAPE" strategic location to guide the occupants in case of emergency. The sign shall be of Florescent type and shall glow in dark.



S. Prasad
 17/12/21
 Manager

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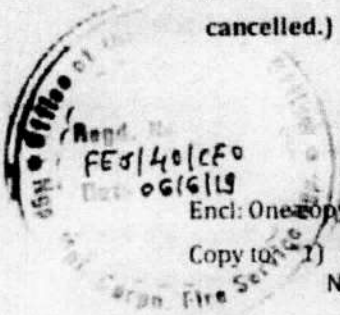
S. Prasad
 17/12/21
Director Academics & Principal
The Achievers School
 Rui Road, Waroda
 Nagpur

30. FRLS (Fire retardant low smoke) cables shall be used for all installation.
31. Balconies/terrace shall not be covered and shall be kept open to serve as refuge area.
32. No inflammable liquid shall be stored in this building other than domestic use.
33. The owner occupier shall deposit 1% of fire preventive fees every year to this department.

There will be final inspection after complying the above arrangement. The aforesaid fire safety/fire protection conditions/directive shall be complied with before occupying the building under intimation to this department.

The undersigned reserves the right to amend or add to any of the above conditions, recommendations deemed fit during the stage wise inspection due to statutory provisions amended from time to time and in the interest of the protection of the building and life safety.

(Previous Recommendation Letter No. GA/536/FB., Dated 12-06-2015 Hereby cancelled.)



Encl: One copy of Map.

Copy to: 1) Station Officer,
Narendra Nagar Fire Station.

[Signature]
6/6/19

Chief Fire Officer
Fire and Emergency Service
Nagpur Mpl. Corporation.

[Signature]
17/21

Manager

The Achievers School
Kh.No.8, Waroda Village,
Wardha Road, Via Le Meridien Hotel,
Wardha Road, Nagpur-441108.

[Signature]
17/2021
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

Director Academics & Principal
The Achievers School
Rui Road, Waroda
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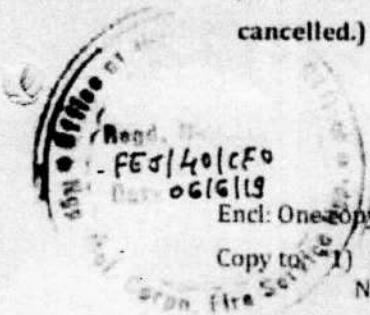
Manager
The Achievers School
Kh.No.8, Waroda Village,
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There will be final inspection after complying the above arrangement. The aforesaid fire safety/fire protection conditions/directive shall be complied with before occupying the building under intimation to this department.

The undersigned reserves the right to amend or add to any of the above conditions, recommendations deemed fit during the stage wise inspection due to statutory provisions amended from time to time and in the interest of the protection of the building and life safety.

(Previous Recommendation Letter No. GA/536/FB., Dated 12-06-2015 Hereby cancelled.)



[Signature]
6/6/19

Chief Fire Officer
Fire and Emergency Service
Nagpur Mpl. Corporation.

[Signature]
1/7/21
Manager

The Achievers School
Kh.No.8, Waroda Village,
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[Signature]
1/7/21
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

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The Achievers School
Rui Road, Waroda
Nagpur

Manager
The Achievers School
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OFFICE OF THE CORPORATION OF THE CITY, NAGPUR (FIRE & EMERGENCY SERVICE)

Chhatrapati Shivaji Maharaj Prashashkiya Bhawan, Mahanagar Palika, Civil lines, Nagpur - 440 001

Ph. No.: 0712-2567777
Fax No.: 0712-2561584

No. FES/ 41 /CFO
To,

Date:- 06/6/2019

1) Assistant Engineer
Nagpur Metropolitan Region Development Authority,
Station Road, Sadar, Nagpur.

2) Shri. Nitin Shrinivas Katiyar,
47 B2, 1st floor Lambent IT Park,
Besa, Nagpur - 34.

Sub: Revised /First No-objection certificate in respect of adequate and effective installation of Fire safety measures in the Existing Educational cum Business Building. (Block-B)

Ref:- Letter No. Asst. Engineer (NMRDA)/1653, Dated. 15-05-2019

With reference to the above letter along with tentatively approved building plans and application of owner and architect date 21.05.2019 submitted by Shri. Nitin Shrinivas Katiyar, the recommendation in respect of adequate and effective installation of Fire safety measures are being suggested in accordance with provision of Maharashtra Fire Prevention and life safety measures act 2006 for existing Educational cum Business building on The Achiever School, A unit of Krantin Shiksha Samitee, at KH. No. 8. Mouza-Varora, Tah. Nagpur [Rural]. the same should be strictly adhered to and complied with. This letter shall be read along with the enclosed approved building plan.

1) Building Details :-

1. Name & Address of the owner : Shri. Nitin Shrinivas Katiyar, 47 B2, 1st floor Lambent IT Park, Besa, Nagpur - 34.
2. Location & Address of the building : - The Achiever School, A unit of Krantin Shiksha Samitee, at KH. No. 8. Mouza-Varora, Tah. Nagpur [Rural].
3. Name of Architect :- Shri. Vikas Sah. (NIT L. No. -2973)
4. Name of License Agency : M/s Ameya Agencies (License No. MFS-LA/RF-0209, RP-0029, RD-0287), Nagpur.
5. Present Position : Existing
6. Total Plot Area : 24115.53 sqm.
7. Total B.U. Area : 529.326 + 2.975 sq.m./ Super Built up 920.833 sq. m.
8. No. of Buildings : 1 No. (Block-B)

J. Prakashkumar
1/7/21
Manager

The Achievers School
Kh.No.8, Waroda Village,
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Wardha Road, Nagpur-441108.

D. Priyadarshini
1/7/2021
Director Academics & Principal
The Achievers School
Rui Road, Waroda
Nagpur

9. Height of Building : 7.800 mtr.
 10. No. of Floors : Ground to 1st Floor
 11. No. of Lift : 1 No.
 12. Building Specialty if any : School Office Building
 13. Classification of Building: : Educational cum Business Building.
 14. Street/ Road for maneuverability of fire vehicle.: North Side 15.00 mtrs. wide road.
 15. No. of Basement :- N/A
 16. Basement Ramp :- N/A
 17. Means of Escape :

Staircase	No. of Staircase	From	width
Internal Staircase	01 No.	Ground to first Floor	2.00 mtr.
Emergency Staircase	01 No.	Ground to first Floor	2.00 mtr.

18. Marginal space around the building for movement of fire vehicle with proper turning circle. As per submitted Revised Plan.

Front side	13.34 mtr.
Rear side	10.60 mtr
Side (I)	Open Ground
Side (II)	8.15 mtr.

19. Exposure Hazard:

East	Play Ground
West	Play Ground
North	15.00 mtr. Wide Road
South	Open Space & Block-A School Building

20. The area wise details of each floor & their use are as under :-

Sr. No.	No. of Floor	Built up Area in SQM	Occupancy/Use
1.	Ground Floor	390.989 sqm	Reception/Waiting Area, 01 no. Shop, Counselor Room, Discussion Room, Admin/HR Room, Locker Room, Pantry, Principal Room, Strong Room, Elec. Room, Medical Room, Medical Store, Store Room, 02 nos. Staircase & etc.
2.	First Floor	138.337 sqm	Control Room & Open Terrace.
3.	At Ground Floor Security Guard Room	2.975 sqm	Security Guard Room

[Signature]
 1/7/21
 Manager

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[Signature]
 Director Academics & Principal
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II) This First No-Objection Certificate is mere recommendation letter and is valid subject to fulfillment of the following conditions:-

1. The Plans (adhering to Relevant Development Control Rules & National Building Code- 2016 where necessary) of the proposed construction should be sanctioned/approved by Competent Authority ADTP/NIT/NMRDA & others.
2. The B.C.C/Occupancy Certificate Shall be issued from competent authority subject to Final N.O.C. from this department as per Fire Act 2006 under section 3(2).
3. Under section 3 of Maharashtra Fire Prevention and life safety measures Act, 2006(hereafter referred to as "said Act")

The applicant (developer, owner, occupier by whatever name called) shall comply all the fire and life safety measures adhering to National Building code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.

4. As per Provision as under section 10 of the said Act. No person other than the license Agency shall carry out the work of providing Fire Prevention and life safety Measures or performing. Such other related activities required to be carried out in any place or building or part thereof.
5. Though certain conditions are stipulated from the said Act and National Building code of India, it is obligatory on part of the applicant that is developers, builder, occupier, owner, tenant, by what so ever named called to abide with the provision of said Act failing which it shall be action liable for under the provisions of said Act.
6. As per Fire Act 2006 Under Section 3(1) Minimum requirement for fire fighting installation. The following fire protection system shall be provided.

Sr. No	Fire Fighting Installation	Requirement as per NBC 2016 & Fire Act 2006	Remarks
1	Portable Fire Extinguisher	Required at each floor.	Shall be conforming to IS:15683 & placed at strategic location & NBC-2016 IV Clause 5.1 should be accordance with accepted standard 4(17)
2	Hose Reel	Required at each floor.	On each floor in the staircases landing for fire fighting. The first aid hose reel shall be connected directly to hydrant line and diameter of the hose reel shall not be less than 19mm confirming to IS:884:1985 & NBC-2016 Part IV clause 5.1.1(b), 4(18), 4(17)
3	Hose Box	Required at each floor	With Front side glass containing hose pipe of 30 mtrs length & Branch pipe shall be provided
4	Down Comer	Required at each floor	100 mm G.I. Pipe "C" type in vertical position connected to water source through pump with hydrant outlet on each

Japnakatapur
1/7/21

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1/7/2021
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			floor (0.9 mtrs. above landing) Required to provide near main Staircase, Landing of Valve should be installed confirming to IS:5290 & NBC part IV clause 5.1 & accepted standard 4(19)
5.	Yard Hydrant or Ring Hydrant around the building	Not Required (But Shown in Map)	Hydrant Point should be provided with 30 mtrs of delivery hose with coupling confirming to IS:14933-2001 along with standard branch(Universal)confirming to IS-2871.
6.	Automatic Sprinkler System	Not Required	As per the plan sprinkler system is proposed only in common passage sprinkler system shall be installed in entire building in addition to common passage and lobby confirming to IS:11042016 & shall be as per NBC-2016 Part IV clause 5.1.3 and drawing of the same shall be submitted while obtaining Final No objection certificate.
7.	Manually Operated Electronic Fire Alarm System	Not Required (But Shown in Map)	Manually operated Fire alarm should be provided; it should be connected to alternate power supply in case of emergency.
8.	Automatic Detection and Alarm System	Not Required	Smoke/Heat Detector should be provided; it should be connected to alternate power supply in case of emergency & shall be confirming as per NBC Part IV clause 4.9
9.	Underground Static water Storage tank combined capacity for wet-Riser, Yard Hydrant and Sprinkler per set of pumps	Not Required (But Available of 1,50,000 Ltrs.)	This water storage should be used exclusively for fire fighting purpose. Shall be confirming as per NBC-2016 clause 5.1.2.1
10.	Terrace Tank over Respective Tower Terrace	Required 10,000 lit (From to Block-A)	This water storage should be used exclusively for fire fighting purpose
11.	Pump Near Underground Static Water Storage Tank(Fire Pump)with minimum pressure of 3.5 kg/cm ² at Remotest location	Not Required	Fire Fighting pump shall be well maintained & shall be confirming to NBC-2016 Part IV clause 5.1.2.2

Signature
1/7/21

Manager

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12.	Pump near the terrace tank level with minimum Pressure of 3.5 kg/cm ²	Required 450 lpm electrical driven (From to Block-A)	Fire Fighting pump shall be well maintained & shall be confirming as per NBC-2016, Table No. 07.
13.	Fire Brigade connection for Static water tank and for Hydrant System	Required at Main Gate	As be easily visible and accessible
14.	Sign Indicators for all fire safety safe evacuation of occupants in case of emergency signs	Required at Prominent Places	as per the guidelines given in IS:9457 for safety colour and safety IS:12349 for fire protection safety signs IS:12407 for Graphics symbols for Fire Protection Plan.
15.	Auto DG Backup	Required	Required for all fire safety systems as per NBC-2016 Part IV- clause No.3.4.6.2
16.	Fire Resistance Door	Required at each floor	Near fire escape staircase
17.	Fire Alert Hot line security system	-	For directly connecting the Fire fighting system of the building to Fire Deptt. Control room.

7. Fire escape staircase shall be of RCC construction, enclosed type with fire/smoke check doors of min 2 hrs fire resistance ratings. If the staircase is not ventilated on each landing and is in the core of building, pressurization system shall be installed to maintain positive pressure in the staircase.

8. Refuse chute or Refuse chamber shall not be provided in staircase wall.

9. Marginal space around the building shall be motorable and kept free from all type of obstruction. The slab over the basement/ramp/water harvesting pit/underground water storage tank in open marginal space should be capable to withstand vehicular weight of 45 tons.

10. Means of Access to premises shall be in the form of road of suitable width and load bearing capacity of 45 tons.

11. Width of entrance to the building shall be more than 4.5 mtr with vertical clearance of 5 mtr.

12. The construction material use for the building shall be of noncombustible material.

13. Electrical Installation should be confirming as per NBC-2016 Part IV clause No.3.4.6

14. Location of Electric Sub-Station or Transformer Room : should be safe side or out of building margin.

J. P. Khatyari
1/7/21

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15. Electric Wiring Shall be metal conduit and cables shall be laid in separate duct this duct shall be sealed at every landing. The entire Electrical circuit shall have safety devices as circuit breaker arrangement that is MCB, ELCB, etc.
16. Electric main switch shall be easily visible, accessible and safe location.
17. Emergency power supply i.e. Standby Generator capable of to supply power to staircase, escape route, corridor, lighting circuit, lift, exit signs & fire pumps shall be Provided to this building.
18. Air-Conditioning system: If provided with AHU or centralized A/c plant than. :- Shall conform to part 8 section 3 of NBC. & NBC-2016 Part IV clause No.3.4.8.
Note :- Dampers & AC ducts according with good practice 4:12. Utility ducts shaft C1.0 & C1.10 as per NBC. Electric ducts /shaft each floor non-combustible.
 - a. Automatic fire dampers shall be provided in duct, & at the Inlet of the Fresh air.
 - b. A.C. dampers shall be closed automatically, upon operation of a Detector/sprinkler.
 - c. Air ducts for every floor shall be separated.
 - d. Separate AHU for each floor.
19. Fire Resistance doors near emergency staircase shall be provided.
20. Ventilation for supply of outside air into basement or the removal of inside air from enclosed space shall be provided.
21. Lift enclosures, landing doors in lift enclosures, shall have a fire resistance of two hours.
22. Communication system at lifts shall be connected to fire control room for the building.
23. Fire Evacuation drill shall be carried out at regular interval and record shall be maintained for inspection of fire service department.
24. Fire control room on the entrance floor at the building with communication system to all floors and facilities for receiving the message from different floors as well as the Fire control room shall also have facilities to detect the fire on any floors through indicator board's connection.
25. Refuge Area shall be provided as shown in plan.
26. Lightning Protection shall be provided to this building :- As per NBC-2016 Part IV clause No. 3.4.6.5 Part 8 "building service section 2 Electrical & allied installations".
27. Emergency Staircase/Internal Staircase corridor, Exit Way, Escape route should be free from obstruction by good house keeping.
28. No Mobile Tower to be erected over this building without prior permission from this department.
29. Cautionary boards such as "DANGER", "NO SMOKING", "EXIT", "FIRE ESCAPE" strategic location to guide the occupants in case of emergency. The sign shall be of Florescent type and shall glow in dark.

FER/41/cf
06/6/19

Manager

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30. FRLS (Fire retardant low smoke) cables shall be used for all installation.
31. Balconies/terrace shall not be covered and shall be kept open to serve as refuge area.
32. No inflammable liquid shall be stored in this building other than domestic use.
33. The owner occupier shall deposit 1% of fire preventive fees every year to this department.

There will be final inspection after complying the above arrangement. The aforesaid fire safety/fire protection conditions/directive shall be complied with before occupying the building under intimation to this department.


The undersigned reserves the right to amend or add to any of the above conditions, recommendations deemed fit during the stage wise inspection due to statutory provisions amended from time to time and in the interest of the protection of the building and life safety.

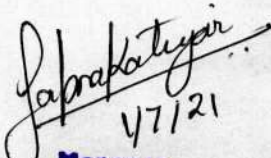
(Previous Recommendation Letter No. GA/537/FB., Dated 12-06-2015 Hereby cancelled.)

FEJ/41/CFO

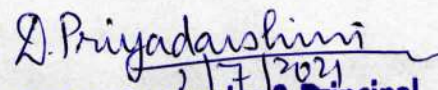
06/6/19 Encl: One copy of Map.

Copy to: 1) Station Officer,
Narendra Nagar Fire Station.


6/6/19
Chief Fire Officer
Fire and Emergency Service
Nagpur Mpl. Corporation.


47/21
Manager

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17/7/2021
Director Academics & Principal
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