

No. CFO/FES/NMRDA/ 322

Date :- 24/07/2024

(FIRE & EMERGENCY SERVICES)

To,

1) Administrator,
Nagar Panchayat Bahadura.

2) Late Durgabai Mulik Shaikshanik Sanstha Nagpur,
R/o. Flat No. 701, Royal Court, Cannal Road,
Near Big Bazar, Shankar Nagar, Nagpur-440010.

Sub :- Revised Provisional Fire Safety Approval Certificate in respect of adequate and effective installation of Fire safety measures in the Existing construction of Educational Building.

Ref:- 1) NMRDA/CFC Inward No: 460993, Date. 26/06/2024,
CFO/FES/NMRDA Inward No: 686, Dated. 27/06/2024.
2) Administrator Nagar Panchayat Bahadura Ref Letter No. N. P. B. /N. R. V. /A. N. H./
1330 / 2024, Dated. 25/06/2024.
3) Provisional Fire Safety Approval Certificate Vide No. FES/2368, Date. 21/11/2017,

Earlier Chief Fire Officer NMC had issued first No objection certificate for Block A & B Ground + 2nd Floor, Vide ref noc.No. FES/2368, dtd. 21/11/2017, for the RCC Structured building, at address PU Land, Kh.No. 6/1, 2, 3, 4, 7/3, 56, Mouza. Gohni(Sim), Tah. Nagpur(Gramin), Dist. Nagpur.

Now Architect Suresh Keshavrao Chichaghare, Through, Owner/Occupier M/s. Late Durgabai Mulik Shikshanik Sanstha Nagpur, has submitted the application & requested for the revised Provisional Fire Safety Approval Certificate for the existing & proposed Ground + 5th building On PU Land, Kh.No. 6/1, 2, 3, 4, 7/3, 56, Mouza. Gohni(Sim), Tah. Nagpur(Gramin), Dist. Nagpur.

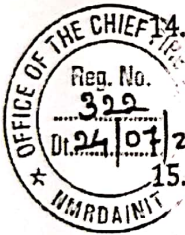
Revised Provisional fire safety approval certificate in respect of adequate and effective installation of Fire safety measures are being suggested in accordance with provision of Maharashtra Fire Prevention and life safety measures act 2006, Amendment Act-2023 & NBC-2016 Part IV Table-7 for Existing Educational building, on PU Land, Kh.No. 6/1, 2, 3, 4, 7/3, 56, Mouza. Gohni(Sim), Tah. Nagpur(Gramin), Dist. Nagpur, 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 (As per owner application & proposed plan & covering letter of sanctioning authority):-

1. Name & Address of the owner

:- M/s. Late Durgabai Mulik Shikshanik
Sanstha Nagpur,
R/o. Flat No. 701, Royal Court, Cannal Road,
Near Big Bazar, Shankar Nagar, Nagpur-440010.

2. Location & Address of the building :- PU Land, Kh.No. 6/1, 2, 3, 4, 7/3, 56,
Ph.No. 35, Mouza. Gohni(Sim),
Tah. Nagpur(Gramin), Dist. Nagpur.
3. Name of Architect :- Ar. Suresh Keshavrao Chichaghare
4. Name of License Agency :- M/s. Ameya Agencies.
5. Present Position :- Existing.
6. Total Plot Area :- 8847.59 Sqm.
7. Gross B.U. Area :- 8312.14 Sqm.
8. No. of Buildings :- 01 Nos.
9. Height of Building :- 23.250 mtr (As per submitted Proposed Plan)
10. No. of Floors :- Ground + 5th Floor.
11. No. of Lifts :- 01 No. Fire Lift
12. Building Specialty if any :- Educational Building
13. Classification of Building :- Educational Building
14. Street/ Road for Maneuverability of fire vehicle :- 12.00 Mtr, & 9.00 Mtr, 7.50 Mtr. road
(As per submitted plan).
15. No. of Basement :- N/A
16. Ramp :- N/A (Shall be confirming as per NBC-2016
Part IV- Clause No.4.4.2.4.3.5)



17. Means of Escape[As per submitted Existing/Proposed Plan]:-

Staircase	No. of Staircase	From	Width
Internal Staircase	01 No.	Ground to Terrace	2.00 mtr
External Staircase	01 No.	Ground to Terrace	2.00 Mtr.

18. Open Spaces on all its sides of the Building.[As per submitted Existing Plan]

North	20.60 Mtr.
South	44.45 Mtr.
East	06.00 Mtr.
west	06.83 Mtr.

19. The area wise details of each floor & their use are as under
[As per submitted Existing Plan]:-

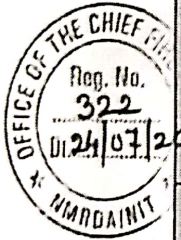
Sr. No.	No. of Floor	Built up Area In SQM	Occupancy/Use
1.	Ground Floor	1457.04 Sqm	Educational
2.	First Floor	1371.02 Sqm	Educational
3.	Second Floor	1371.02 Sqm	Educational
4.	Third Floor	1371.02 Sqm	Educational
5.	Fourth Floor	1371.02 Sqm	Educational
6.	Fifth Floor	1371.02 Sqm	Educational
	Total	8312.14 Sqm	

ii) This Provisional Fire Safety Approval Certificate is recommendation letter and is valid subject to fulfillment of the following conditions:-

1. The Plans (adhering to Maharashtra Fire Prevention & Life Safety Measures Act 2006, Amendment Act-2023 & National Building Code-2016 Part IV where necessary) of the Existing/proposed construction should be sanctioned/approved by Competent Authority ADTP/NIT & others. .
2. The B.C.C/Occupancy Certificate Shall be issued from competent authority subject to Final Fire Safety Approval Certificate from this department as per Fire Act 2006 under section 3(2)Amendment Act-2023.
3. Under section 3 of Maharashtra Fire Prevention and life safety measures Act, 2006Amendment Act-2023 (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 Fire Act 2006, Amendment Act-2023 & National Building code of India, 2016 Part IV Table- 7 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 2016 Part IV, 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 actionable under the provisions of said Act.

6. As per Maharashtra Fire Prevention And Life Safety Measures Act 2006&Amendment Act-2023 Under Section 3(1), NBC-2016 Part IV Table-7 Minimum requirement for firefighting installation, The following fire protection system shall be provided.

Sr. No.	Fire Fighting Installation	Requirement as per NBC-2016 Part IV Table-7, Fire Act 2006 & Amendment Act-2023- Annex-I	Remarks
1.	Portable Fire Extinguisher	Required On Each Floor and at prominent places.	Shall be conforming to IS:15683 & placed at strategic location & NBC-2016 Part IV Clause 5.1 should be accordance with accepted IS standard
2.	First Aid Hose Reel And RRL Hose pipe	Required Should be covered entire area of the building.	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).
3.	Wet Riser	Not Required	Not Required
4.	Down Comer	Required.	100/150mm G.I. Pipe "C" type in vertical position connected to water source through pump with hydrant outlet on each floor (0.9mtr. above landing) Required to provide near Main Staircase/External Staircase, Landing Valve should be installed confirming to IS:5290 & NBC 2016 part IV clause no. 5.1, 2.10, 2.65, accepted IS standard 4(19) & NBC 2016 part IV Table- 8
5.	Yard Hydrant or Ring Hydrant around the building	Required	Hydrant Point should be provided with 30mtr of delivery hose with coupling as per NBC 2016 part IV Table- 7 at Sr. No.7 confirming to IS:14933-2001 along with standard branch (Universal) & confirming to IS-2871.
6.	Automatic Sprinkler System	Not Required	Not Required
7.	Manually Operated Electronic Fire Alarm System	Required	Manually operated Fire alarm should be provided; it should be connected to alternate power supply in case of emergency as per NBC-2016 Part-IV table- 7 at Sr. No. 9.
8.	Automatic Detection and Alarm System	Required	Smoke/Heat detector shall be provide; It should be connected to alternate power supply in case of emergency & shall be confirming to as per NBC Part-IV Clause 4.9



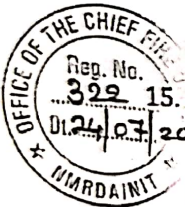
9.	Hose Box	Required at each floor	With Front side glass containing hose pipe of 30mtr length & Branch pipe with nozzle shall be provided
10.	Underground Static water Storage tank combined capacity for wet-Riser, Yard Hydrant and Sprinkler per set of pumps	Not Required.	Not Required.
11.	Pump Near Underground Static Water Storage Tank(Fire Pump)with minimum pressure of 3.5 kg/cm ² at Remotest location	Not Required.	Not Required.
12.	Terrace Tank over Respective Tower Terrace	Required 25,000 Liters.	This water storage should be used exclusively for firefighting purpose as per NBC-2016 Part IV Table- 7.
13.	Pump near the terrace tank level with minimum Pressure of 3.5 kg/cm ²	Required 900 Lpm Booster Pump.	With minimum pressure of 3.5 kg/cm ² .(Firefighting pump shall be well maintained as per NBC-2016 Part IV Table- 7 Sr. No. 14)
14.	Fire Brigade connection for Static water tank and for Hydrant System	Required at Main Gate	To be visible and accessible
15.	Exit signage & escape lighting 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 & NBC-2016 Part IV clause 3.4.7.4, 2.13 & 2.14
16.	Auto DG Backup	Required	Required for all fire safety systems as per NBC-2016 Part IV- clause No.3.4.6.2 & 3.4.6.4
17.	Fire Resistance Door	Required at Each floor.	Near Fire Escape Staircase as per NBC-2016 Part IV- clause No. 4.4.2.4.3.4

7. The Travel distance to be travel from any point of the building should not exceed in any case as prescribed in Table 5 of NBC-2016-Part IV clause No.4.4.2.2.

8. Exit doorways should be confirming as per NBC-2016 Part IV clause No.4.4.2.4.1.

9. Emergency power supply i.e. Standby Generator capable of to supply power to staircase, corridor, lighting circuit, lift/fire lift, exit signs & fire pumps shall be Provided to this building (as per NBC-2016 Part IV- clause No. 3.4.6.2 & 3.4.6.4).
10. Air-Conditioning system: If provided with AHU or centralized A/c plant than. :- Shall conform to NBC-2016 Part IV clause No.3.4.8.
 - 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
11. Ventilation for supply of outside air into basement or the removal of inside air from enclosed space:- N.A. (as per NBC-2016 Part IV- clause No. 4.6.2).
12. The lift shall be of 8 person's capacity having fire lift provision and equipped with suitable intercommunication with control room on ground floor of the building as per NBC 2016 Part IV Annex E & NBC Part 8 section- 5, 5-A clause no. 7.1 to 7.2.4
13. Fire Evacuation Drill shall be carried out at regular interval and record shall be maintained for inspection of fire service department (as per NBC-2016 Part IV- Annex D).
14. 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 (as per NBC-2016 Part IV- clause No. 3.4.12)
15. The owner occupier shall deposit 1% of Fire prevention fees every year to this department (as per Maharashtra Fire Prevention and Life Safety Measures Act 2006 & Amendment Act-2023 section- 13).

- There will be final inspection after complying the above arrangement. The aforesaid fire safety/fire protection conditions/directive shall be complied with before the occupation of the building under intimation to this department.
- The undersigned reserves the right to amend any additional 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.
- After completion of above Fire Fighting & Fire safety arrangement the applicant /owner should apply for "Final Fire Safety Approval" from Fire and Emergency Services, NMRDA/NIT.
- There will be final inspection after complying the above arrangement. The aforesaid fire safety/fire protection conditions/directive shall be complied with before the occupation of the building under intimation to this department.



SANSKAR VIDYA SAGAR

P. J. Patil
Chairman

Secretary

Sanskar Vidya Sagar
Dighori Branch

H. Patil
Principal

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