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

ChhatrapatiShivajiMaharajPrashashkiyaBhawan, MahanagarPalika, Civil lines, Nagpur – 440 001

Ph. No.: 0712-2567777
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No. FES/032 /CFO

Date:- 27/04/2023

To,

1) The Deputy Director,
Town Planning Dept.
NMC , Nagpur.

2) Shri. Madhav W. Deshpande,
On Plot No. 149 & 150, CTS No. 1026,
Sheet No. 54, Mouza- Lendra, Ramdaspeth, Nagpur.

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27/04/2023
Mpl. Corpn. Fire Service

Sub:- Revised/First No-objection certificate in respect of adequate and effective installation of Fire safety measures in the Existing & Proposed High Rise Residential(A-4) Building.

Ref :- 1) Owner Application on dated 24.03.2023
2) Town Planning, NMCLetter Ref. NMC/TPD/2732, Dated13.03.2023

With reference to the above letter along with tentatively approved building plans and application of owner and architect dated 24.03.2023submitted by ShriMadhav W. Deshpande, Nagpur 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 &ProposedConstruction of Residential (A-4) Building,On Plot No. 149 & 150, CTS No. 1026, Sheet No. 54, Mouza- Lendra, Ramdaspeth, Nagpurthe same should be strictly adhered to and complied with. This letter shall be read along with the enclosed approved building plan.

I) Building Details :-

1. Name & Address of the owner:-ShriMadhav W. Deshpande, Nagpur.
2. Location & Address of the building:- On Plot No. 149 & 150, CTS No. 1026, Sheet No. 54, Mouza- Lendra, Ramdaspeth, Nagpur.
3. Name of Architect :- Ar. SandipPandit, Nagpur.
4. Name of License Agency : M/sOyster Infracon Pvt. Ltd., Nagpur.
5. Present Position : Existing 22 Floors & Proposed 23rd & 24th Floor.
6. Total Plot Area : 2538.45sqm.

7. Total B.U.Area : 16204.67sqm.

8. No.of Buildings : 01 No.

9. Height of Building : 80.25mtr (As per submitted ProposedPlan)

10. No.of Floors :Basement1+Basement2+Ground to 25 Floors.

11. No. of Lifts : 3 Nos.

12. Building Speciality if any : Multifamily Residential Building.

13. Classification of Building : Residential (A-4)Building

14. Street/ Road for maneuverability of fire vehicle :9.00mtr & 18.00mtr 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.	Basement 2 to Terrace	1.50mtr
Emergency Staircase	01 No.	Basement 2 to Terrace	1.50mtr

18. Marginal space around the building for movement of fire vehicle with proper turning circle (As per submitted revised plan)

Front side	12.014mtr
Rear Side	12.000mtr
Side (i)	12.000mtr
Side (ii)	12.000mtr

19. Exposure Hazard:

East	18.00mtr wide road
West	-----
North	-----
South	9.00mtr wide road

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.	Basement 2 Floor	0.00 sqm	Parking
2.	Basement 1 Floor	0.00 sqm	Parking
3.	Ground Floor	0.00 sqm	Bicycle Parking
4.	First Floor	693.440 sqm	Residential Use
5.	Second Floor	694.420 sqm	Residential Use
6.	Third Floor	693.440 sqm	Residential Use
7.	Fourth Floor	694.420 sqm	Residential Use
8.	Fifth Floor	693.440 sqm	Residential Use

9.	Sixth floor	694.420 sqm	Residential Use
10.	Seventh floor	693.440 sqm	Residential Use
11.	Eighth Floor	694.420 sqm	Residential Use
12.	Ninth Floor	693.440 sqm	Residential Use
13.	Tenth Floor	694.420 sqm	Residential Use
14.	Eleventh Floor	693.440 sqm	Residential Use
15.	Twelve Floor	694.420 sqm	Residential Use
16.	Thirteen Floor	693.440 sqm	Residential Use
17.	Fourteen Floor	694.420 sqm	Residential Use
18.	Fifteen Floor	693.440 sqm	Residential Use
19.	Sixteen Floor	694.420 sqm	Residential Use
20.	Seventeen Floor	693.440 sqm	Residential Use
21.	Eighteen Floor	694.420 sqm	Residential Use
22.	Nineteen Floor	693.440 sqm	Residential Use
23.	Twenty Floor	694.420 sqm	Residential Use
24.	Twenty-one Floor	693.440 sqm	Residential Use
25.	Twenty-two Floor	694.420 sqm	Residential Use
26.	Twenty-three Floor	639.760 sqm	Residential Use
27.	Twenty-four Floor	214.360 sqm	Recreational Floor & Residential Use
28.	Twenty-five/Terrace Floor	84.090 sqm	Changing Room, Swimming Pool

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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 Existing/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 actionable 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	Requiredat 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.	Wet Riser/Down Comer	Required at each floor.	100/150mm G.I. Pipe "C" type in vertical position connected to water source through pump with hydrant outlet on each 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	Required	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	Required at Entire Building	Installed confirming to IS:11042016 & shall be NBC-2016 Part IV clause 5.1.3
7.	Manually Operated Electronic Fire Alarm System	Required at each floor	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	Required at Entire Building	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	Required 2,00,000lit	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	Required 02 No. Electrical & 01	Fire Fighting pump shall be well maintained & shall be confirming as per

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	Water Storage Tank(Fire Pump)with minimum pressure of 3.5 kg/cm^2 at Remotest location	No. Diesel Pump of capacity 2850lpm & 02 No. Jockey Pump of 180lpm.	NBC-2016 Part IV clause 5.1.2.2
12.	Pump near the terrace tank level with minimum Pressure of 3.5 kg/cm^2	Not Required	Not Required
13.	Fire Brigade connection for Static water tank and for Hydrant System	Required at Main Gate	As be 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

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.

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

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

10. Separate duct for electric wiring/cable at each floor's & fire resistance doors shall be provided.

11. Emergency power supply i.e. Standby Generator capable of to supply power to staircase, corridor, lighting circuit, lift, exit signs & fire pumps shall be Provided to this building.

12. 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

13. Fire Resistance doors at near emergency staircases shall be provided.

14. Lift enclosures, landing doors in lift enclosures, shall have a fire resistance.

15. Communication system at lifts shall be connected to fire control room for the building.

16. Fire Evacuation Drill shall be carried out at regular interval and record shall be maintained for inspection of fire service department.
17. 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
18. Refuge Area:- Open Balcony & Alternate Terrace on Each Floor(shall be confirming as per NBC 2016 Part IV Annex E, E-4)
19. Lightening 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"
20. A sign shall be posted and maintained on every floorat or near the lift indicating that in case of fire as well as showing the location of the stairways shall be provided
21. Emergency Staircase/Internal Staircase corridor, Exit Way, Escape route should be free from obstruction by good house keeping.
22. 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.
23. FRLS(Fire retardant low smoke) cables shall be used for all installation.
24. Balconies/terrace shall not be covered and shall be kept open to serve as refuge area.
25. The owner occupier shall deposit 1% of Fire prevention 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 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.**(Previous Recommendation Certificate No. FES/229/CFO on Dated 19/03/2021 hereby Cancelled.)**

Office of the Chief Fire Officer
Nagar ... FES/032/CFO
Dated 27/04/2023
Mpl. Corpn. Fire Service

NAGPUR MUNICIPAL CORPORATION
FIRE SERVICE DEPARTMENT

27/04/2023

B.P. Chandankhede,
I/C Chief Fire Officer
Fire and Emergency Service
Nagpur Mpl. Corporation.

Encl: One copy of Map.
Copy to: 1) I/C Deputy Chief Fire Officer,
Kalamna, Fire Department.