

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

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No, MIDC/Fire/IFMS/C-83792
Date: 03/11/2020

M/s. Additya Infrastructure.
Plot No: RM-21, MIDC Butibori Indl. Area.
Dist: Nagpur.

**Sub: Grant of "Provisional No-Objection Certificate"
to your proposed Residential Building Ground +
4th upper floor on Plot No. RM-21 at MIDC, Butibori
Indl. Area.**

Ref: i) This Office Prov NOC No, MIDC/FIRE/IFMS/D-43779
Date: 13/10/2018.
ii) Your Application No:- SWC/199/521/20200121/680893.

Dear Sir,

This has reference to the above this office has **"No Objection (Provisional)"** for your proposed Residential Building on plot no. RM-21 in MIDC, Butibori Indl. Area, The details of the constructions as per the drawings submitted by you are as mapped under your BPAMS application.

The Plot area of your Residential building is. **1000.00 Sq. M.** and the proposed built up area is **1491.54 Sq.M.** The height of tallest proposed building is **15.700 Mtrs.** The area wise details of each floor are as under:-

Floor Name	Proposed FSI Area	Bal	Stair	Lift	Pass
	Resi.	Resi			
Terrace Floor...	0.00	0.00	0.00	0.00	0.00
Fourth Floor...	327.05	51.31	20.74	2.70	23.29
Third Floor...	327.05	51.31	20.74	2.70	23.29
Second Floor...	327.05	51.31	20.74	2.70	23.29
First Floor...	327.05	51.31	20.74	2.70	23.29
Ground Floor...	108.93	0.00	24.49	3.71	0.00
Total :	1417.14	205.22	107.44	14.51	93.14

The occupant load in above buildings should not exceed in any case as prescribed in Table – 20 of National Building Code 2005, part IV.

This N.O.C. is valid subject to fulfillment of the following conditions:

1. The plans (adhering to the D.C. Rules of MIDC & National Building Code-2005 where necessary,) of the proposed construction should be approved by The Executive Engineer MIDC, Nagpur Division-I (S.P.A.)
2. The Drainage Competition certificate & Occupation certificate should be obtained from The Executive Engineer MIDC Nagpur Division-I. **The B.C.C. shall be issued subject to "Final N.O.C." from this Department.**
3. **Under Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006 (hereinafter referred to as "said Act")**

The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2005 and as amended from time to time failing which it shall be treated as a violation of the said Act.

4. **As per the provision as under: - 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:
- A list of License Agency is available on Maharashtra Fire Services website www.mahafireservice.gov.in. It is mandatory to submit fire prevention and fire protection drawings prepared by License Agency. The same should be got approved from fire department.
- No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance.
5. **Under Section 11 of the said Act,** the fire service fees shall be assessed and the same shall be payable after serving the notice to that effect or prior to issue of the building completion certificate or occupancy certificate whichever is earlier.
6. Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.
7. Proper roads in the premises should be provided for easy mobility of the Fire Brigade Appliance & Marginal spaces around the building should be kept free from obstructions & open to sky at all the time. Minimum marginal spaces should be confirming with **Table No.10 of D.C Rules of MIDC, 2009**. The load bearing capacity of internal roads shall not be less than **45 Tons**.
8. All portable fire fighting equipments installed at various locations as per local hazard such as Co2-ABC, Foam, Fire buckets should be strictly as per and confirming to **IS: 15683/2006**.
9. Emergency Telephone numbers like **"Police", "Fire Brigade", "Hospital", "Doctors",** and **"Responsible persons of the company"** should be displayed in security cabin & at other strategic locations.
10. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
11. It shall be ensured that security staff & every employee of the company are trained in handling firefighting equipment & fire fighting.
12. **"FIRE EXTINGUISHER", ' FIRE Bucket" "DANGER", "NO SMOKING",** caution boards should be displayed at the places physically shown & the caution boards should be easily visible from a distance.
13. The house keeping shall be well maintained within the entire building area.
14. **In future if the Company intends to carry out any expansion of the building, an approval of this department must be obtained before commencing proposed construction.**
15. **Requirement and Provision: -** As per the NBC-2016, the following fire protection system will be required for the safety of the building:-

Sr. No.	FIRE FIGHTING INSTALLATION	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required confirming to IS 15683/2006.		Portable Fire Extinguisher should be installed confirming to IS 15683/2006. 14 Nos of DCP Fire Extinguisher 5Kg capacity installed within the plant. And 01 Nos of Co2 Extinguisher 4.5 kg installed near the Electrical panel board.

Sr. No.	FIRE FIGHTING INSTALLATION	Requirements	Provision	Remarks
2.	Hose Reel	Required at prominent places.	In all Staircases	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.
3.	Down comer	Required	In all staircases	Required to provide in the Staircase and Fire Escape Staircase. Landing of Valve should be installed confirming to IS:5290.
4.	Manually Operated Fire Alarm System	Required	At Various locations in all floors.	Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply in case of emergency.
5.	Terrace Storage Tank	Required 25,000 liters		This water storage should be used exclusively for Fire Fighting.
6.	Fire Pump	1 No. 900 lpm electrical driven main pump.		Fire Fighting pumps shall be well maintained. Fire pumps shall be centrifugal pumps only.
6.	Fire Brigade Connection- For Terrace Water Tank and For Down comer.			Required at the Main Gate
7.	Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places.	Sign indicators should provided 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.	

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2005

- Stairways shall be constructed of non-combustible materials throughout. Hollow combustible construction shall not be permitted. Width of Staircase should be 1.5 M.
- No Gas piping shall be laid down in the stairway.
- Internal staircase shall be constructed as a self-contained unit with at least one side adjacent to an external walls and shall be completely enclosed.
- Internal staircase shall not be arranged around lift shaft unless the later is entirely enclosed by material of fire resistance rating as that for type of construction itself.
- The access to main staircase shall be gained through at least half-an-hour fire resisting automatic closing doors, placed in the enclosing walls of the staircase. They shall be swing type doors opening in the direction of the escape.
- No living space, store or other space, involving fire risk, shall open directly in to staircase.
- The external exit door of a staircase enclosure at ground level shall open directly to the open space or should be accessible without passing through any door other than a door provided to form a draught lobby.
- The exit signs with arrows indicating the escape routes shall be provided at a height of 1.5 m. from the floor level on the wall and shall painted with fluorescent paint. All exit signs should be flush with the wall and so designed that no mechanical damage to them can result from the removing furniture, material or any other equipment.
- Exits shall be so located that it will not be necessary to travel more than 30 m. from any point to reach the nearest exit.**

Guidelines for Staircase Design requirement:

- The minimum headroom in a passage under the landing of a staircase and under the staircases shall be **2.2 Mtrs.**
- Access to main staircase shall be through a fire / smoke check door of a minimum 2 hours fire resistance rating.

3. No living space, store or other fire risk shall open directly in to the staircases.
4. The main and external staircases shall be continuous from ground floor to the terrace level.
5. No electrical shafts, A/c ducts or gas pipe etc. shall pass through or open in the staircases. Lifts shall not open in staircases.
6. The width of the staircase shall not be less than 1.5 Mtrs.
7. **All the staircase must be R.C.C staircases only, Staircase fabricated in M.S or any other material is not allowed.**

Guidelines for Exit Requirement:

1. An exit may be doorway, corridor, Passageway(s) to an internal staircase, or external staircase, or to a verandah or terrace(s), which have access to the street, or to the roof of a building or a refuge area. An exit may also include a horizontal exit landing to an adjoining building at the same level.
2. Every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.
3. Exits shall be clearly visible and the route to reach the exits shall be clearly marked and signs posted to guide the occupants of the floor concerned. Signs shall be illuminated and wired to an independent electric circuit on an alternative source of supply.
4. To prevent spread of fire and smoke, fire doors with 2 hours fire resistance shall be provided at appropriate places along the escape routes and particularly at the entrance to lift lobby and stair well where a 'funnel or flue effect' may be created inducing an upward spread of fire.
5. All exits shall provide continuous means of egress to the exterior of a building or to an exterior open spaces leading to the street.
6. Exits shall be so arranged that they may be reached without passing through another occupied unit.

Guidelines for Illumination of Means of Exit :-

Staircase and corridor lights shall conform to the following :-

- a) 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.
- b) Staircase and corridor lighting shall also be connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains; and
- c) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed 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 supply.

Guidelines for ELECTRICAL SERVICES:-

1. 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. 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.
4. Medium & low voltage wiring running in shaft and within falls ceiling shall run in metal conduit.

16. 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.

In addition to the above, all provision under the National Building Code 2005 Shall be strictly adhered, also if any change in activity or proposed expansion or subletting of Plot, NOC from this department is essential.

This is a **Provisional No Objection Certificate**. After providing the above fire prevention and protection system and after compliance of above recommendations inspection of the premises & fire prevention & protection arrangements will be carried out by this department and after satisfactory compliance "**Final No Objection Certificate**" will be issued. **This "Provisional No-Objection Certificate" will be treated valid for the period of one year from the date of issue.**

Details of "Fire Protection Fund Fees" Are As Follows.

	Total Amount as per the Challan Vide Receipt No; MCH/6565/2020 dt. 03/11/2020.	Advance "Fire Protection Fund Fees "paid by M/s. Additya Infrastructure,	Balance 'Fire Protection Fund Fees' Needs to be recovered by SPA
(i)	(ii)	(iii)	(iv)
Initial "Fire Protection Fund Fees "	Rs. 10,000/-	---	Rs. 10,000/-
Additional "Fire Protection Fund Fees "	Rs. 1,70,519/-	---	Rs. 1,70,519/-
Total	Rs. 1,80,519/-	---	Rs. 1,80,519/-

The undersigned reserves the 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 residential building of **M/s. Additya Infrastructure, MIDC Butibori**.

Thanking you.

Yours faithfully,

Patil Bhai
Bhagavan
Digitally signed by
Patil Bhai
Bhagavan
Date: 2020.11.03
17:56:10 +05'30'
Divisional Fire Officer
MIDC, Nagpur -440016.

Copy to The Executive Engineer, MIDC Nagpur Division-I (SPA) for information Please. He is requested to recover the balance fees maintained in the column No, (iv) of above table before issuing work commencement certificate / plan approval.