

FIRE NOC Haradaspur

924

Provisional Fire Clearance
(Under 15 Mtr. Height)

Letter No. 2470
OFFICE OF THE STATE FIRE OFFICER-CUM-DIRECTOR, BIHAR, PATNA

From, **Ratanmani Sanjeev,
State Fire Officer,
Bihar, Patna**

To, **At: Yit Singh
2nd Floor, Sudhivimayal, Alkoti, Ds,
Opposite Kendriya Vidyalaya,
Riding Road, Saekhpura, Bailey Road, Patna-14**

Patna Dt. 12.09.2018.

Sub - The views regarding proposed fully residential building of Under 15 mtr. in height to be constructed at Mauza-19, Dist-Patna.

Re: Please refer to your letter no. Arch Fire/B+G+3/Royalpremium/18-19 dt. - 24/05/2018 through which this aforesaid plan has been sent to us for examination, which was examined by the Fire Service committee. During examination of the plan it was found that a B+G+3 (Total B/U area-3487.78 Sqmtr.), fully residential building, shall be constructed on 20 feet wide road belongs to SMT Nirmala Devi, W/O- Sri Sudha Kanta Singh, R/O Near Ghanja, Panchayat- Vivekanand Path, North S.K. Puri, PO+PS- S.K. Puri, Dist-Patna on having Plot no-672, Khata no- 41, Thana no-38, Tausi No-5252 at Mauza- Haradaspur, Dist-Patna.

We clear the plan after giving following advice/suggestions/recommendations based on NBC guideline, local building by laws & the local circumstances which must be followed by the concerned Architect/Developer/land owner, as the case may be.

(i) CONSTRUCTION:-

- The whole construction of the proposed building shall be carried out as per approved plan drawn conforming to all the building rules of local Municipal Corporation as per Bihar Building By-laws, 2014.
- The floor area exceeding 1000 sqmtr. shall be suitably compartmented by separation walls up to ceiling level having at least 2 hours Fire resisting capacity.
- The exterior finish of the building shall be made low flame spread materials as per NBC specifications.
- Provision of suitable fire escape of the vertical core-duct of the building shall be provided.
- Fire escape shall be made for sealing all the vertical ducts by the materials of self-closing fire resisting nature.

(ii) Open Space & Approach:-

- The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility of Fire appliance with turning facility.
- The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting upto 50 MT.
- The width of height of the access gates into the premises shall not be less than 4.5 M and 5M respectively according to the NBC.

(iii) Stair Case:-

- The Staircase of the building shall be enclosed type. Entire construction shall be made of brick / R.C.C. type having Fire resisting capacity not less than 4 hours respectively marked in the plan.
- The Staircase of the building shall have permanent vents at the top equal to 5% of the cross sectional area of the staircase with louvers and openable sashes at each floor level equal to 15% of the said cross-sectional area to be provided at the external wall of the building.
- All the Staircase of the building shall be negotiable to each other in each floor without entering into any room and shall be extended up to respective terrace. The roof of the Stair wall shall be FM above the surrounding area.
- The width of the Staircase and corridor and travel distance of different categories of occupancy shall have as per the relevant building rules.
- In case of this staircase, it shall be on outer wall.
- Both staircase are not to be down to basement floor. for approach to basement, there should be another staircase for approach.

Amir
For Royal Premium Developers Pvt. Ltd.

- iv) LIFT:-
- a) The walls of the Lift shaft of the building shall be at least two hours Fire resisting type respectively marked in accordance with the event at top of area not less than 0.2 m.
 - b) The lift of the building shall be designed at high speed "Fire Lift" and conspicuously indicated marked in the Plan.
 - c) In case of failure of normal electric supply, it shall automatically trip over to alternate supply. For apartment houses the change over of supply could be done through manually operated change over switch. Alternatively, the lift shall be so wired that in case of power failure, it comes down to the ground level and comes to stand still with door open.
 - d) Arrangement shall be provided for extraction of smoke in all the lift shaft by incorporation smoke venting system designed to permit 30 Air changes per hour in case of Fire and shall be of such design as to operate on actuation of sprinkler or Fire Alarm. In case of failure of normal electric supply, it shall automatically trip to alternate supply.
 - e) All other requirements shall conform the I.S. specification including the communication facility in the lift cars connecting with the Fire Control Room of the building.
 - vi) That active Fire protection system such as down comer system with landing valve and hose reel at each floor incorporated with ISI P.S.I pump at Terrace level, ISI marked Fire extinguishers as per IS 2190/1992, F.R. chime alarm manual call alarm point, Fire safety luminescent sign & other Fire precautionary measures as mentioned in NBC be provided before occupancy.
 - vii) That an underground water static tank of not less than 50,000 Ltrs. capacity with automatic refilling arrangements preferably on front side where Fire Brigade vehicles can reach easily & overhead water static tank of not less than 10,000 Ltrs. capacity each blocks should be made available before occupancy.
 - viii) That the internal finishing should be non-combustible or class - I surface spread of flame.
 - ix) That electric cables must be stored at each floor with intumescent coating.
 - x) That Fire exit drill be carried out regularly at least twice in a year after occupation.
 - xi) That the building must be constructed on at least 20 feet wide road and it is responsibility of the concerned Architect to ensure the road width because he is the passing authority.
 - xii) That AMC should be given to a qualified firm or person for the maintenance of above recommended Fire equipment.
 - xiii) That the setback shall be checked by the Architect / Passing authority as per the established rule. If any thing wrong, the Architect / Passing authority shall be held responsible.
 - xiv) It is hereby made clear that in case of any legal dispute arising in future, in which above recommendations have not been complied, the responsibility will fall entirely upon the Developers/ Architects/Engineers as the case may be and not on the recommending Govt. authority (i.e. the office of the State Fire Officer, Bihar).
 - xv) It is hereby made also clear that this office (i.e. the office of the State Fire Officer-cum-Director, Bihar, Patna) is not responsible in case any legal dispute of the land upon which the proposed building shall be constructed.
 - xvi) Set backs on all the sites subject to the provisions for the fire safety as per bye laws. Whereas immediately behind the site or the basement is adhering to the bye laws will be examined by the concerned Urban Deptt.

This shall be taken as a program. On compliance of all the above Fire and Life Safety recommendations, this office shall be approached for necessary inspection and testing of the installation. Final in favor of the occupancy shall be given only being satisfied with the tests and performances of safety aspects of installation of the building.

N.B. - Any deviation and change in the nature of use of the building in respect of the approved plan drawing without obtaining prior permission from this office, this provisional will be treated as cancelled.

The maps are to be returned with sign and stamp

Encl - As Above

Yours faithfully,

(Rattanram Sanjeev)

Aishma
For Royal Premium Developers Pvt. Ltd.