



हरियाणा सरकार

Sub: Approval of fire fighting scheme from the fire safety point of view of the Educational Building- B Having Plot area of 11358.744 Sqm at Village Bikaner, Tehsil & Distt Rewari as

FSR/2024/123

Date - 15/2/24

M/s Govt. Model Sanskriti Sr. Sec. School has submitted the subject cited case for Approval of Fire Fighting Scheme from fire safety point of view of Educational Building B Having Plot area of 11358.744 Sqm through transaction ID - 150892423000052 Dated- 07/03/2024. The office has examined the Fire Fighting Scheme in the drawing of above said building and found that the building is an Educational Building B. Fire fighting scheme shown in the Building Plans are found as per provision of Part-IV of National Building Code of India, 1983 revised from time to time and Haryana Fire & Emergency Services Act, 2022. The fire system designed as per Part- IV of NBC 2016, is as under:-

Building Detail :-

1. Name of Building :- M/s Govt. Model Sanskriti Sr. Sec. School
2. Address of building :- Village Bikaner, Tehsil & Distt Rewari
3. Plot Area. :- 11358.744 Sqm
4. Type of Occupancy :- Educational Building B
5. Permissible Height :- 30 Mtrs

6. Basement Detail:-

Tower No. / Name	Basement Level	Basement Area	Remarks
0	0	0	0

Tower/Block Detail:-

Tower No. / Name	Floor (Ground Coverage)	Area	No. of Floor	Overall Height	Occupied Height	Stair Case		
						Min per NBC	As per Travel Distance	Provide
Block A	GF - 136.657 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block B	GF - 412.433 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block C	GF - 380.430 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block D	GF - 230.856 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block E	GF - 160.951 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block F	GF - 110.638 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block G	GF - 175.142 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block H	GF - 93.452 Sqm		Ground Floor only	4.85 M	4.25 M	00	00	00
Block I	GF - 422.373 Sqm		Ground Floor only	4.8 M	4.25 M	00	00	00

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Block J	GF - 17.285 Sqm	Ground Floor only	4.85 M	4.25 M	00	00	00
Block K	GF - 11.460 Sqm	Ground Floor only	4.85 M	4.25 M	00	00	00
Block L	GF - 0.866 Sqm	Ground Floor only	4.85 M	4.25 M	00	00	00

Proposed Fire Fighting System Details-

Sr. No.	Norms as per NBC, 2016	Required	Proposed provisions
1.	Fire Extinguishers	Required	Proposed
2.	Hose Reel	Required	Proposed
3.	Dry Riser	Not Required	Not Proposed
4.	Wet Riser	Not Required	Not Proposed
5.	Down Comer	Required	Proposed
6.	Yard Hydrant	Not Required	Not Proposed
7.	Automatic Sprinkler system	Not Required	Not Proposed
8.	M.C.P.	Not Required	Not Proposed
9.	Automatic Detection & Alarm System	Not Required	Not Proposed
10.	U.G. Water Tank	Not Required	Not Proposed
11.	Terrace Tank	Required	Proposed (20 KL) (Block B & I)
12.	Pump near UG Tank	Not Required	Not Proposed
13.	Terrace Pump	Required	Proposed (450 LPM) (Block B & I)
14.	Domestic Tank would be connected with overflow of Fire Tank.	Yes	Yes
15.	Smoke Exhaust System & Fresh Air System In Basement	Not Required	NA
16.	Means of Escape	Yes	Yes
17.	Pressurization of Lift well	Not Required	Not Proposed
18.	Pressurization of Staircase/Louvers	Not Required	Not Proposed
19.	Compartmentation	Not Required	Not Proposed

From the above, it is certified that the fire fighting scheme is as per Part-IV of NBC 1983 revised from time to time. Therefore, it is recommended that Fire Fighting Scheme may be approved subject to following conditions:-

01. The proposed Fire Fighting Scheme is approved as submitted in the building plan subject to the approval of building plan by the competent authority.
02. The approval of fire scheme by the Fire Department doesn't absolve the Owner/Occupier from his responsibility from all consequences, in case of fire occurred due to any deficiencies or anything left out in the scheme submitted by the owner/occupier.

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03. Overhead & underground water tanks provided for firefighting shall be so constructed in such a way that the domestic water tank shall be filled from overflow of the fire Water tanks.
04. As soon as the installations of fire fighting arrangements are completed, the same may be got inspected/ tested and clearance should be obtained from Fire Department.
05. If the Infringements of Byelaws remains un-noticed, the Authority reserves the right to amend the Plans/Fire Safety Scheme as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.
06. The staircase shall be made with the specified material enabling it non-slippery.
07. If the gap between ceiling and false ceiling is more than 800 mm, upright sprinkler and detectors above false ceiling & pendent sprinkler below false ceiling shall be installed in the building.
08. In case there is any addition/alteration in the construction beyond permissible limit under the Haryana Building Code, 2017, (to be verified by concerned Building Sanctioning Authority), the Fire Fighting Scheme shall cease to exist and the owner/occupier shall apply for approval of revised Fire Fighting Scheme as per the provision of section 18 of Act 2022.
09. The approval of fire scheme shall never be treated in any case for regularization of unauthorized construction
10. The approval of firefighting scheme is valid for a period of two years for the building falling under clause (b) of sub section (2) of section 18 of Act, 2022 and for a period of 5 years for a building falling under clause (a) of sub section (2) of section 18 of Act, 2022.

It is also mentioned that the Fire Fighting system is found as per guidelines of Part-IV of National Building Code, 1983 revised from time to time and Act, 2022, the case is fit for approval.

Fire Station Officer,
Rewari.

W/Ld./Dy. Director Fire Service