

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE
NEW DELHI-110001

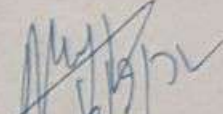
No. F.6/DFS/MS/School/2022/SZ/ 965

Dated... 6/9/2022

FIRE SAFETY CERTIFICATE

Certified that M/s Indraprastha Hindu Girls Senior Secondary School located at Pushp Vihar Sector-7, M.B Road, New Delhi- 110017 comprised of Basement, ground plus Four upper floors owned/occupied by M/s Indraprastha Hindu Girls Senior Secondary School have complied with the fire prevention and fire safety requirements in accordance with accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by officer concern of this department on 30/08/2022 in the presence of Mr. Surender Singh Mor (JE/Bldg)MCD and that the premises is fit for occupancy class "Educational, Group-B" (School) as above with effect from 6/9 /2022 for period of **Three years** in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under Rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 6/9 /2022 at New Delhi by

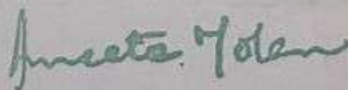

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to: -

1. The Executive Engineer (Bldg) Department, Civic center, Minto Road, New Delhi 110002 (Online ID 10105084 dated 26/08/2022)

Conditions for the validity of Fire Safety Certificate: -

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangement provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of fire fighting system.
4. The basement shall be used as per the provisions of BBL /NBC Part- IV.
5. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on www.dfs.delhigovt.nic.in
6. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or alteration (Clause 1.4.3 of UBBL-2016), if any.
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry.



Principal
Amity International School
Pushp Vihar, New Delhi-110017

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DIRECTORATE OF DELHI FIRE SERVICE, NEW DELHI - 110001

F.6/DFS/MS/BP/2017/Sk/11/17

Dated 29/03/17

Executive Engineer (Bldg.) HQ-1
South Delhi Municipal Corporation
Office of Executive Engineer, Bldg. HQ
8th Floor, Civic Centre, Minito Road.

61°
54'13"
AE-VI
54'13"

- 2) Clearance of building plans from fire safety point of view in r/o addition /alteration in existing school building for Indraprastha Girls Sr. Secondary School, Sec-7, M.B. rd, New Delhi

Please refer to your letter No. D/101/EE(B)HQ-1/SDMC/17 dated 02.03.2017 on the subject cited above. In this connection it is to inform you that the above referred building plans have been scrutinized from fire safety point of view and observed that there is proposal of addition/alteration in existing school Indraprastha Girls Sr. Secondary School, Sec-7 MB road, New Delhi on plot area of 9627.10 m². The proposed building is comprised of basement, ground and four upper floors having covered area 5300.29, 1708.89, 2221.61, 2221.01, 11.21 and 1817.37 m² respectively. The plot abuts on 24 meter wide main road and 108 meter wide entrance gate. 06 meter wide motorable road and 09 meter wide turning radius for fire tender movement is proposed to be provided all around the h rise building. The height of the proposed building is 17.95 meter up to terrace floor.

04 No's of staircases of 1.5 meter each from ground to upper floors, further 06 Nos of meter each and a ramp of 7.2 meter serving in basement is proposed to be provided in the building. One lift is also proposed in the building.

The fire safety arrangement such as fire extinguishers, hose reel, wet riser/down me, automatic sprinkler system in basement, MOEFA, UG tank of 1,00,000, overhead tank 25,000 liters capacity, 01 electric pump of 2280 LPM capacity, 01 diesel pump of 2280 LPM 1 terrace pump of 900 LPM, mechanical ventilation in basement, fire control room is proposed to be provided as per NBC part 4.

Open set back area is not checked as it shall be checked by concerned building planing authority.

There is no objection to this department for construction of said building subject to the compliance of the following fire safety recommendations:-

1. Access to building: The premises is proposed to be located on 24.0 meter wide main road and approachable through 06 meter wide main gate. The entrance gate shall fold back for free movement of fire service vehicles against the compound wall of the premises thus leaving the exterior access way with in the plot. The archway, if any, shall not be at a height less than 5 meters. 06 meter wide motorable road with of 09 meter turning circle all around the high rise building as marked on the plan shall be ensured for free movement of fire tender as per clause 6.2.2 of UBBL-2016.
2. Number, width, Type and arrangement of exits: 04 No's of staircases of 1.5 meter each serving from ground to upper floors and 06 No's of staircases of 1.5 meter each meter serving to the basement are proposed to be provided in the building. They shall meet the requirements as per NBC part -4/UBBL-2016. The clear cut width of the

4. **Compartmentation:** The building shall be suitably compartmentalized as per NBC part 4/UBBL-2016 so that the fire / smoke remain confined to the area where fire incidents have occurred and does not spread to the remaining part of the building.
 - i. The services, standby generator, store etc. must be segregated from other by erecting fire-resisting wall of not less than 04hours rating. Each of the compartments must be individually ventilated and the opening for entry into each of these compartments must be fitted with self-closing fire / smoke check doors of not less than one hour fire rating fitted with magnetic latches.
 - ii. All electric cables ducts and shafts shall be properly sealed at all floors with fire resisting material of similar rating. These shafts shall be minimum 02 hours fire rating.
 - iii. Under no circumstances, two services shall pass through the same shaft, i.e. separate shaft be used for different purpose.
 - iv. The entry to the staircase from all levels shall be segregated with a self-closing fire / smoke check door of not less than 02 hour fire resistance rating. All vertical and horizontal openings including the gap between the glazing and the slab at each level in entire building shall be sealed properly with the non-combustible material having 02 hr fire resistance. Wherever false ceiling / suspended ceiling is provided, the same shall be of non-combustible in nature and that the compartmentation shall be extended up to ceiling level. Water curtain system as proposed on the plans shall be provided in the basement.
5. **Smoke Management system:** Smoke venting facilities shall be provided as per NBC-1V/UBBL-2016. Smoke venting facilities shall be provided as per NBC Part IV, Fire and Life Safety. Mechanical extractors shall have an interlocking arrangements and the system shall be of such design as to operate on actuation of heat/ smoke sensitive detectors or sprinklers. Smoke extractor system shall be designed to permit 12 air changes per hour in case of fire. A system of fresh air supply shall be provided at floor level and smoke outlet at ceiling level. Following points shall be ensured.
 - a. All ducting shall be constructed of substantial gauge metal conforming to IS: 655. Air duct serving main floor areas, corridors etc. shall not pass through the staircases enclosures.
 - b. Automatic fire dampers shall be provided in the ducts at the inlets of the fresh air and return air of each compartment/floor.
 - c. Automatic fire dampers shall be closed automatically upon operation of a detector/sprinkler.
 - d. The air ducts for every floor/compartment shall be separated. In no way interconnected with the ducting of any other compartment.
6. **Fire Extinguishers:** The portable fire extinguishers of ISI mark suitable to risk shall be provided in the building as per UBBL-2016. The number of the fire extinguishers may have to be increased later when the layout of the partition etc. is known. All the fire extinguishers must be installed and maintained in accordance with IS: 2190-1992.

17.

16

1:

1

7. First into a building
8. Auto alarm
9. MOEFA
10. Public
11. Auto
12. Inter
13. Pump
14. Cap
15. Exit
16. Equip
17. Stand

7. First Aid Hose Reels: Hose reels containing 30m of length of 27 mm dia hose terminating into a shut-off nozzle of 5 mm dia and connected directly to riser pipe shall be provided in the building as proposed on the plans. This should conform to IS 814.
8. Automatic Fire Detection and Alarm System: Not applicable as per NBC Part 4/UBBL-2016.
9. MOEFA (Manually Operated Electric Fire Alarm): Manually operated electric fire alarm shall be provided as per NBC Part 4/UBBL-2016.
10. Public Address System: The public address system having loudspeakers in the common area shall be provided as per NBC Part 4/UBBL-2016. The microphone amplifier and control switches of public address system shall be provided in the Fire Control Room.
11. Automatic Sprinkler System: As per NBC Part 4/UBBL-2016, automatic sprinkler system shall be provided in the entire basement and ground floor. The down come/water rise system shall be installed in the basement and ground floor. The hose box of suitable design shall be provided in the basement and ground floor. The hose shall be such that it can be readily opened in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency.
12. Internal Hydrants and Hose Reels: Hose box of suitable design shall be provided in the basement and ground floor. The hose shall be such that it can be readily opened in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency.
13. Pumping arrangements: Instantaneous capacity shall be such that it can be readily opened in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency. The hose shall have a length of 60 m and shall be provided in an emergency.
14. Capitive water supply: Underground tank of 10000 litres capacity shall be provided in the basement. The tank shall be protected by fire rating. The tank shall be provided in the basement. The tank shall be provided in the basement.
15. Exit Signage: Exit signs shall be provided in all exits. The signs shall be provided in all exits. The signs shall be provided in all exits.
16. Provision of Lifts: Lifts shall be provided in the building. The lifts shall be provided in the building. The lifts shall be provided in the building.
17. Standby power supply: Standby power supply shall be provided in the building. The standby power supply shall be provided in the building. The standby power supply shall be provided in the building.

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Enclosed for a minimum duration of 1 hour and 30 minutes. The emergency lighting shall be provided to be put on within 1 second of the failure of the normal lighting.

Not applicable as per NBC Part 4/UBBL-2016.

Fire Control Room: Fire control room shall be provided at entrance floor as marked on the plans. The fire control room shall be provided at entrance floor as marked on the plans.

Special Fire Protection: Special fire protection shall be provided in the building. The special fire protection shall be provided in the building.

The fire safety guidelines shall be as per NBC Part 4/UBBL-2016. The fire safety guidelines shall be as per NBC Part 4/UBBL-2016.

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Yours faithfully,
 (Signature)
 Chief Fire Officer
 (Atul Gahl)
 011-2341 4250

Encl: One set of building plans.

Indraprastha Girls' School, New Delhi

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