

Office of the Director Fire & Emergency Services, J&K
Jammu/Srinagar

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The Administrator
Delhi Public School
Athwajan Srinagar.

Dated. 03: 05:2023.

No: DFES/FP/9/2022-04/CC-7079422- (2310)

Sub: Provisional Fire Safety Certificate

Ref: Your online application submission Dated 09-03-2023 & Tracking id (PF-647266).
The inspection of above said school was got carried out by the inspecting officer of this department and found that the school is located at a distance of about 04 Km from F&E Station Nowgam Srinagar.

General Observations:-

The school is functional in part premises of about 105 Kanals land at Bypass Athwajan Srinagar. The premises for the school have multiple blocks.

- a) Adequate quantities of Fire Extinguishers different types are available in each floor of all blocks.
- b) Hose reel has been provided in block ABC&D connected with terrace water tanks but not having requisite pressure at terrace level.
- 1.) **Block-A:-** Secondary Wing G+4 storeyed (High rise) comprising upon 06- buildings interconnected to each other with iron trusses having two staircases in opposite direction in each building & ramp facility is also provided.
- 2.) **Block-B:-** Sr. Wing G+4 storeyed building with iron truss having only one concrete staircase & also having ramp facility from ground to top floor of the building.
- 3.) **Block-C:-** Tiny Tots wing G+2 storeyed building with iron truss having 02 concrete stair cases.
- 4.) **Block-D:- (Learning research Centre)** G+3 storeyed L-shaped building & attic with iron truss having 02 -staircases & ramp facility is also provided
- 5.) **Block-E:-** G+2 storeyed building with iron truss used as indoor stadium comprising upon one big hall in the middle & sides of the building have been constructed for spectators pavilion provided with iron steps.
- 6.) **Block-F:-** G+1 Storeyed building with iron truss used as swimming pool having water capacity about 380000 liters & Half portion of the building is used as residential purposes of the employees & pump operating room.
- 7.) **Block-G:-** G+4 storeyed hostel building having one staircase with iron truss.
- 8.) **Block-H:-** G+2 long building line half portion of the building used as medical unit , & half portion of the building used as store having only one concrete staircase & a big hall used as indoor games room for kids. Besides one more single storeyed structure with iron truss used as fee collection counter is also located in the premises.

However the case for final NOC shall be considered subject to having following provisions strictly as per NBC/BIS norms & specifications:-

- a) Internal Hydrant system (Wet Riser) shall be provided in the shape of 6" C. I. Pipe from bottom to top floor with glass fronted fire cabins at each corner. One landing valve with female delivery coupling of 70 mm (instantaneous) type along with two hose lengths rubber lined of 63 mm dia 15 mtrs in length and one branch pipe of Gun Metal fitted with ½ Nozzle, in the Block A,B,C,D&G .
- b) Existing Hose reel at each floor with overhead tank having 5000 liters capacity shall be fitted with booster pump in all the building blocks so that the requisite pressure will be maintained at terrace level.
- c) The school shall have a provision for dedicated underground water sump (Fire Reservoir) of at least 200000 liters capacity accessible for Fire Tenders in case of any eventuality. The reservoir shall be provided with Fire Service Connections of 100mm for lifting & 70mm for replenishing of water supply .Besides the swimming pool of the school can also be used as water-sump (of the capacity of more than 04 Lac liters) & can also be used as water source in case of emergency. It is requested that swimming pool shall always be filled with water 24x7.
- d) Since the School are having group of buildings in the premises, therefore it is highly recommended to provide the Yard Hydrants at every 45m apart along building line and hydrant outlet shall be single or double hydrant with a provision of landing valves. Hydrants shall be located at a distance of not less than 15 m from the face of the buildings and be suitably protected on all sides against possible damage with minimum water pressure 3.5 kg/cm²at remotest location.

- e) Pump Units. To have water available at a requisite pressure of 3.5 kgs/cm² at terrace level, three pumps are required to be installed one jockey, one main electric driven and stand by diesel driven near the underground water storage reservoir with an discharge output of 2280 LMP (Diesel Pump) and two electric Pump of capacity 180 LMP in all high rise buildings.
- f) All fire hydrants shall be readily accessible to the fire appliance and for the fire fighting. During sub zero temperature hydrants shall be fitted with suitable means for drainage off the water trapped in the body of the hydrant between the valve and the outlet.
- g) Fire extinguisher 04 Kg ABC type one unit shall be installed in all the School Buses.

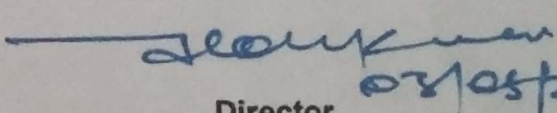
Precautions:-

- i) All combustible material like wood used for flooring or escape routes need to be replaced by noncombustible material or in alternatively fire retardant paint of two hours rating shall be given for wooden components.
- ii) All gates shall allow free access for fire tenders in emergency or in alternative arch should be at least 5m in height.
- iii) All escape routes shall be kept free from any obstructions to provide hindrance free escape in case of emergency besides all doors, gates shall be kept unlocked during the occupancy of the school building.
- iv) Examination/Computer hall & class rooms having capacity of more than 45 students shall have at least two exits.
- v) Space under the escape routes at ground level used as electric control panel shall not be allowed.
- vi) Attic portion of the building shall not be used for any kind of storage.
- vii) Grill fitted in the windows essentially in ground floor shall be removed.
- viii) Fire/Evacuation drill should be conducted regularly.
- ix) Employees of the school shall be trained for maintenance & use of Fire Fighting Equipments.

4. These fire safety measures/guidelines shall be subject to outcome of any dispute/investigation enquiry/trial if any pending before any court of Law/investigation agency. These fire safety measures/guidelines shall not confirm any title upon the person/company in whose favour it is issued.

5. The provisional fire safety certificate is issued in respect of the institution with validity of six months for adoption of all fire safety Measures/guidelines mentioned above.

6. The final fire safety certificate will be issued to fulfillment of all the fire safety measures/guidelines in letter and spirit. However, before granting permission/recognition/extension or renewal thereof, the competent authority shall satisfy himself in terms of conditions laid down in SRO-123 of 2010, issued by Education Department with regard to Physical facilities & also ensure the fire safety measures/ guidelines given to the proprietor by this department are fully complied with.


Director,
Fire & Emergency Services,
J&K.