

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

✓ The Principal  
Green valley Educational institute  
Ellaahi Bagh Srinagar.

No: DFES/FP/9/2022-04/CC-7079422- (4963) Dated: - 11/03:2024  
Sub: Fire & life safety measures / guidelines in favour of Green valley Education institute situated at  
Rangpora Malla Bagh Srinagar.

Ref: Your online application Re-submitted Dated: - 05-03-2024 & Tracking id (PF012-8123596).

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 03 Km from F&E Station Hazratbal Srinagar .The School is functioning in various building blocks, details are as under:-

Block-A:- (Main school building) :-

The building is G+3 storeyed U- shaped having wooden truss. Ground floor Cornprises upon 15 rooms including offices, administration section conference room parents meeting hall & Dispensary .1<sup>st</sup> , 2<sup>nd</sup> & 3<sup>rd</sup> floor are identical having 15 rooms in each floor including biology , chemistry, physics laboratories & convocation hall / music room etc . However half portion of the third floor (attic portion) having ply wood partition & ply wood ceiling. The school building has 04 exits in the shape of concrete staircases leading from ground to top floor.

Existing fire fighting system( Main school building) :-

a). Hose reel have been provided in all floors of the main school building at 03 different places connected to terrace water tank fitted with booster pump.

b). Adequate numbers of fire extinguishers have been installed in the school building.

Block-B:- Single storeyed U-Shaped building with wooden truss & ply ceiling having 14 class room including office & staff room. No fire fighting equipments system has been installed

Block-C:- (kinder Garden):- Single Storeyed building with wooden truss , ply ceiling & ply partitions having four exits , 07 No's fire extinguishers are installed in the building.

Block-D:- G+2 storeyed building with semi basement ground floor is used for wash rooms & changing room as the building is connected to swimming pool. 1<sup>st</sup> & 2<sup>nd</sup> floor comprises upon two class rooms in each floor. The building is having single staircase leading from ground to top floor.

Canteen:- Single storeyed shed type structure with wooden truss used as canteen having only one Co<sub>2</sub> type fire extinguisher.

As such the management can proceed ahead for operation provisionally subject to strictly adopt the following fire safety measures/guidelines in letter and spirit forthwith for the safety of students studying there.

- Already existing Hose reel system fitted with booster pump needs to connect with dual electric power supply so that it will remain functional 24x7.
- Down comer system at strategic locations which covers every nook & corner of each floor shall be provided to the Block-A (main building) in the shape of 4" C.I pipe along with landing valves fitted with female delivery coupling from top to ground floor with glass fronted fire hose cabins on every floor with two numbers of delivery hoses of 63mm dia 15 mtrs in length bound with 70mm instantaneous couplings and short branch fitted with 12mm nozzle as per NBC specifications.
- Dedicated fire pump is required to be installed at terrace level and shall be connected with terrace water reservoir of capacity 25,000 liters with a output discharge capacity of 900 LPM. The pump shall be automatic in operation as per NBC specifications.
- 09 litres water type or ABC type 06kg capacity Fire Extinguishers shall be installed for every 200m<sup>2</sup> of floor area and shall be located as so to be available within 15 mtrs radius in all the building blocks.
- 4.5 kg capacity carbon dioxide Fire Extinguishers shall be installed for every 100m<sup>2</sup> of floor area and shall be located as so to be available within 10 mtrs radius in all the buildings.
- Since the School are having group of buildings in the premises, in some structures extensive wood material has been used for its construction. 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/cm<sup>2</sup> at remotest location.

  
Principal  
Green valley  
Educational Institute  
Srinagar



- g) The school shall have a provision of dedicated underground water sump (Fire Reservoir) of at least 75,000 liters accessible for Fire Tenders in case of any eventuality. The reservoir should 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.
- h) Manually operated Fire Alarm System shall be provided to Block-A in all the floors of the school building.
- i) An alternate exit 1.5 meter wide completely made of non combustible material shall be provided in the block-D of the school building from the outside leads from ground to top floor.
- j) Third floor of block-A shall not form part of school unless or until the ply partition & ply ceiling shall not be replaced with concrete material or should be given fire retardant treatment of two hours rating.
- k) This department can make a surprise visit to your school at any time. During the visit if the fire fighting system (existing as well as proposed) found defunct and any deviation made, these fire safety measures/guidelines issued shall be treated automatically withdrawn/cancelled.
- l) Fire extinguisher 04 Kg ABC type one unit shall be installed in all the School Buses.

**Precautions:-**

- i) All combustible material like wood used in all the school buildings need to be replaced by noncombustible material or in alternatively fire retardant paint of two hours rating shall be given for wooden components.
- ii) The attic portion of the all the buildings shall not be used for any kind of storage purpose.
- iii) All gates shall allow free access for fire tenders in emergency or in alternative arch should be at least 5m in height.
- iv) 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.
- v) Examination/Computer hall & class rooms having capacity of more than 45 students shall have at least two exits.
- vi) Space under the escape routes at ground level used as electric control panel shall not be allowed.
- vii) Grill fitted (if any) 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

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.

These fire & life safety measures/guidelines are issued in respect of the institution with validity of 06 months for adoption of all fire safety Measures/guidelines mentioned above.

The final fire safety certificate will be issued after 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 & SRO-292 of 2018, issued by Education Department with regard to Physical facilities & also ensure the fire safety measures/ guidelines given to the school by this department are fully complied with.

*[Signature]*  
 Director, 07/03/2024  
 Fire & Emergency Services, J&K  
 Jammu & Kashmir  
 Fire & Emergency Service, J&K,  
 Srinagar

*[Signature]*  
 Principal  
 Green Valley  
 Educational Institute  
 Srinagar

*[Signature]*  
 Manager  
 GREEN VALLEY EDUCATIONAL INSTITUTES  
 Srinagar