

Shadab Higher Secondary School, Dangepore Mallbagh Srinagar.
**OFFICE OF THE JOINT DIRECTOR FIRE & EMERGENCY SERVICES,
 KASHMIR RANGE SRINAGAR**

The Principal,
 Shadab Higher Secondary School,
 Dangepore Mallbagh Srinagar.

0194-2453502
 Jdkaahrmr101@gmail.com

No. JDK/F-Pnv/S39.

Dated. / 7 .02.2021.

Subject:- Fire Safety Recommendations.

Sir,

The Deputy Director Fire & Emergency Services Command Srinagar has conducted fire audit of the school building of **Shadab Higher Secondary School, Dangepore Mallbagh Srinagar**. The detailed report is as under:-

During inspection of the school building following has been Observed:-

1. The school is about 03 kms away from nearest Fire & Emergency Station Hazratbal and is accessible for fire appliances in case of any emergency.
2. The School is functional in three storeyed building.
3. The building has three exits in the shape of staircases of width 1.20m, 01m & 1.10m.
4. 03 Nos of 04 kg capacity DCP Stored Pressure type fire extinguishers are installed in the building.

On the basis of the above observations the following recommendations strictly as per NBC/BIS norms and specifications are required to be ensured:-

1. The access to the school premises should be available through arch-less gate and shall be at least 05 meters wide for hassle free entrance of the fire appliance.
2. The wooden component of the school building needs to be given fire retardant treatment of at least two hours rating. The wooden flooring if available shall be given light weight gypsum plaster of 25 mm thickness so as to have two hours fire resistance.
3. The attic portion of the school building should not be used for any for storage of combustible material like furniture, matting etc.
4. In addition to already installed fire extinguishers, 02 No. of 09 liters capacity Water type & 02 No. of ABC type of 06 kg capacity fire extinguishers shall be installed in each floor of the building. 01 No. of 4.5 kg capacity CO2 type fire extinguisher shall be installed in each Library room & Computer Lab room, Laboratory rooms if available. All fire extinguishers shall be of ISI marked.
5. Hose Reel Hose with terrace water tank having 20,000 liters and Fire Pump at terrace level with one landing valve with female delivery coupling of 70 mm (instantaneous) type along with two hose lengths rubber lined of 70 mm dia 15 meters in length and one branch pipe of Gun Metal fitted with ½ inch nozzle shall be installed in each floor of the building.
6. A Fire Pump having 450 LMP output at 40 meters head (2.0 kg/cm²) for Hose Reel shall be installed at terrace. The pump shall be automatic in operation as per BIS/NBC specifications.
7. The school shall have provision of dedicated underground water reservoir of at least 50,000 liters capacity located within the premises easily accessible for Fire Tender in

5

Shadab Higher Secondary School, Dangerpora Malbagh Sfrnagar.

case of any emergency. The reservoir should be provided with fire service connections of 100 mm for lifting & 70 mm for replenishing of water supply.

8. All class rooms or hall having capacity of more than 45 students shall have minimum two exits as remotely located from each other as possible.
9. All electrical wiring in the school shall be arranged through conduits or concealed type and provision for circuit breaker shall be made. 01 No. 06 kg capacity DCP type fire extinguisher should be installed near electric duct panel in each building.
10. All furniture of the school including chairs, tables must be painted with fire retardant paints that are approved by CBRI Roorkee (Central Building Research Institute) or in alternative the furniture can be fabricated by fire resistance material.
11. The school building does not have any provision for the storage of any type of explosive or hazardous material including LPG or central heating system.
12. The building shall have at least two exits at two opposite sides. The exits including corridors, staircases, passages etc should be strictly as per the specifications laid out in NBC (National Building Code of India) & in any case shall not be less than 1.5 m wide.
13. The already existing exits in the shape of staircases of width 01m, 1.20m & 1.10m in the building shall be replaced by minimum 1.5m wide concrete staircases.

Precautions:-

- I. 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.
- II. The exit signs should be marked in the building to lead the occupants to the place of safety.
- III. No addition/alteration/reconstruction in the school building is allowed prior permission from the Fire & Emergency Services Department.
- IV. Telephone numbers of nearest Fire & Emergency Stations and other allied emergency services shall be displayed at conspicuous locations in the school.
- V. Fire/Evacuation drill should be conducted regularly.
- VI. Employees of the school shall be trained for maintenance & use of Fire Fighting facilities.

The recommendations listed above were already issued vide this office letter No. JDK/F-Prv/1827-74 Dated: 08.03.2016 but nothing has been implemented in the school till date, therefore it is once again recommended that the recommendations listed above shall be implemented in letter & spirit. However, final clearance shall be given subject to the fulfillment of the above fire safety recommendations & precautions strictly as per NBC/BIS norms and specifications.

These recommendations are valid for one year and shall be renewed annually.

Yours faithfully,

Joint Director,

Fire & Emergency Services Dept.,

Kashmir Range, Sfr.