

OFFICE OF THE JOINT DIRECTOR FIRE & EMERGENCY SERVICES,
KASHMIR RANGE SRINAGAR

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The Principal,
Jawahar Navodaya Vidyalaya,
Khanpora Budgam

No. JDK/F-Prv/ 2390

Dated. 06 .07.2021.

Subject: - Fire Safety Recommendations.

Sir,

The Assistant Director Fire & Emergency Services Command Budgam, has conducted fire audit of the school building of **Jawahar Navodaya Vidyalaya Khanpora Budgam**. The detailed report is as under:-

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

The school is functioning in Seven Buildings Four Storied = 01, Double Storied = 04 No's, Single Story = 02 No's.

Building 1st :- Four storied tin roofed concrete building.

Ground Floor:-

Ground floor Comprising of One Hall.

1st Floor:-

First floor comprising of One Hall.

2nd Floor:-

Second floor comprising of One Hall.

3rd Floor:-

Third floor comprising of One Halls.

The building is having one internal staircase from ground floor to 3rd floor.

Availability of Fire Extinguishers:- Nil

Building 2nd :- Double storied tin roofed concrete building.

Ground Floor:-

Ground floor Comprising of One Hall.

1st Floor:-

First floor comprising of One Hall.

The building is having one internal staircase from ground floor to 1st floor

Availability of Fire Extinguishers:- Nil

Building 3rd :- Double storied tin roofed concrete building.

Ground Floor:-

Ground floor Comprising of One Hall.

1st Floor:-

First floor comprising of One Hall.

The building is having one internal staircase from ground floor to 1st floor

Availability of Fire Extinguishers:- Nil

Building 4th :- Double storied tin roofed concrete building.

Ground Floor:-

Ground floor Comprising of Six Family Quarters.

1st Floor:-

First floor comprising of Six Family Quarters.

The building is having one internal staircase from ground floor to 1st floor

Availability of Fire Extinguishers:- Nil

Building 5th :- Double storied tin roofed concrete building.

Ground Floor:-

Ground floor Comprising of Six Family Quarters.

1st Floor:-

First floor comprising of Six Family Quarters.

The building is having one internal staircase from ground floor to 1st floor

Availability of Fire Extinguishers:- Nil

Building 6th :- Single story L Shaped tin roofed concreted building comprising of Two Hall, Two Office Room, Eleven Class Room, One Staff Room, One library Room & One laboratory Room. All the rooms of the building are provided with exits in the shape of doors connecting with front veranda with the width of 05 feet approximately.

Availability of Fire Extinguishers:-

01:-ABC type Fire Extinguishers of Capacity 06 kgs = 10 Nos.

02:-ABC water type Fire Extinguishers of Capacity 02 kgs = 02 No.

03:- CO2 type Fire Extinguisher of capacity 04 kgs = 06 Nos.

Availability of Water Sources:-

01:-The school is provided Six no's overhead water tanks 1000 litres capacity each.

02:- One underground water storage of capacity 10,000 litres is available in the School premises.

Building 7th :- Single story tin roofed concreted building comprising of Three Room. All the rooms of the building are provided with exits in the shape of doors.

Availability of Fire Extinguishers:- Nil

Fire & Emergency Station:-

The school is about 03 kms away from Fire & Emergency Station Budgam.

Road Accessibility:-

The School is provided with one main gate made of iron about 20 feet's width and is accessible for Fire Tenders in case of any Emergency

On the basis of the above observations, the following recommendations, strictly as per NBC/BIS norms and specifications, are made for adoption of fire safety measures in the Institute:-

1. 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.

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2. 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.
 3. 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 the building.
 4. 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.
 5. In addition to already installed fire extinguishers, 01 No. 09 liters capacity Water type & 01 No. of 06 kg capacity ABC type 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.
 6. 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.
 7. 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.
 8. Hose Reel Hose shall be provided each floor of four storied building fitted with shut off nozzle connected with terrace level tank having 20,000 litres, Capacity provided with suitable pump
 9. Underground storage water tank of capacity 30,000 litres with main hole for insertions of suction hose at the time of emergency shall be provided in the school premises.

Fire Alarm system shall be installed. Illuminated exit signs shall be displayed properly.

The school staff should be trained to handle and operate the fire extinguishers.

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.

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- 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.


Children Fire Safety:-

- a. Never play with matches or lighters.
- b. Never handle gasoline or other that burn.
- c. Always be careful around a stove, heater or open fire.
- e. If something catches on fire, get parents help or call Fire Service.

The 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,
Kashmir Range, Sgr.
Kashmir Range, Sgr.