

Birla open Minds international School, National Highway Lawaypora Srinagar,

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

**The Principal,
Birla Open Minds International School,
On National Highway Road Adjacent to
Hokersar Lawaypora Srinagar,**

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No. JDK/F-Prv/6475

Dated.24.11.2022.

Subject :- Fire Safety Recommendations.

Sir,

The Divisional Fire officer Fire & Emergency Services Headquarters Srinagar, has conducted fire audit of the school building of **Birla Open Minds International School, National Highway Road Adjacent to Hokersar Lawaypora Srinagar**. The detailed report is as under:-

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

1. The school is about 04 kmts away from nearest Fire & Emergency Station Mjigund and is accessible for fire appliances in case of any emergency.
2. The School is functional in a five storeyed building with iron truss.
3. The School building also installed Lift System.
4. The building has single exit in the shape of staircase of width 04ft.
5. 03 Nos. of 06 kg capacity ABC type.& 06 Nos. of 09 liters capacity of water type fire extinguishers are Installed in the building.
6. The School has two staircases of about 6ft in width.

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 min 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, 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 room, laboratory rooms if available. All fire extinguishers shall be of ISI marked.
5. Hose Reel Hose with terrace water tank having 30,000 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 three storeyed building.



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6. A Fire pump having 450 LML output at 40 meters head (2.0kg/cm²) for Hose Reel shall be installed at terrace. The pump shall be automatic in operation as per BIS/NBC specifications.
7. All class rooms or hell having capacity of more than 45 students shall have minimum two exits as remotely located from each other as possible.
8. 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.
9. 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
10. 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.
11. 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 mm wide.

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 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.