

**GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIVISIONAL FIRE OFFICER
WEST BENGAL FIRE & EMERGENCY SERVICES**

Memo No : IND/WB/FES/20182019/43786

DATE: 28/01/2019

From :

**The Divisional Fire Officer
Fire Prevention Wing,
West Bengal Fire & Emergency Services.**

To :

**OM DAYAL EDUCATIONAL AND RESEARCH SOCIETY
OM DAYAL EDUCATIONAL AND RESEARCH SOCIETY.
BIDHAN NAGAR SECTOR.2C DURGAPUR PLOT NO.20/10 CS PLOT NO.215(P),TOUZI
NO.1 KH NO.141,151,153 MOUZA.GOPINATHPUR JL NO.65 WARD NO.C/27 HOLDING
NO 465 PS.DURGAPUR DIST.PASCHIM BARDHAMAN.713212
Durgapur F.S., Durgapur PS,
Paschim Bardhaman - 713212 .**

**Sub :Renewal of Fire Safety Certificate for the occupancy of an existing construction
of G + 6 storied building under group Educational at the premises no.- OM DAYAL
EDUCATIONAL AND RESEARCH SOCIETY.**

**BIDHAN NAGAR SECTOR.2C DURGAPUR PLOT NO.20/10 CS PLOT NO.215(P),TOUZI
NO.1 KH NO.141,151,153 MOUZA.GOPINATHPUR JL NO.65 WARD NO.C/27 HOLDING
NO 465 PS.DURGAPUR DIST.PASCHIM BARDHAMAN.713212, Durgapur PS, Paschim
Bardhaman - 713212**

This is in reference to your Application No. IND/WB/FES/20182019/43786,dated 28/01/2019,
regarding the Renewal of Fire Safety Certificate for the occupancy of an existing construction
of G + 6 storied building under group Educational at the premises no.- OM DAYAL
EDUCATIONAL AND RESEARCH SOCIETY.

**BIDHAN NAGAR SECTOR.2C DURGAPUR PLOT NO.20/10 CS PLOT NO.215(P),TOUZI
NO.1 KH NO.141,151,153 MOUZA.GOPINATHPUR JL NO.65 WARD NO.C/27 HOLDING
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Bardhaman - 713212.**

The performance of the Fire Fighting System as incorporated in the buildings were tested at
random and found satisfactorily working condition. In view of the above this office is releasing

the Renewal of Fire Safety Certificate for occupancy of the aforesaid building.

However to up-keep the Fire Safety Measure of the aforesaid building the following safety measures need to be incorporated / maintained.

1. RECOMMENDATIONS

Construction & Exit requirements:

- 1) The said building constructed completely but height of the building is less than 15 m. Therefore sub- divisions of educational occupancy group exit & constructional requirements are adopted.
- 2) Building exit requirements should have maintained as per Indian code of practice (I.S 1644-1988). Areas as laboratory, kitchen, storage area, auditorium etc. must be separated from educational occupancy. Usually 2 hours fire rating walls and doors provide the necessary degree of protection unless the hazard are severe, in which case automatic suppression system may also be require.
- 3) At least two exits in the form of staircase in each floor and shall be remote from each other made in different direction, leading directly outside the building, or stairways shall be made for every floor of the building. At least two doorways shall be provided in a room with capacity of over 45 students in area.
- 4) All the staircases and exits shall be free from obstruction & be clearly visible, marked & properly illuminated, Corridor door opening in smoke barrier shall be not less than 2000 mm in width.
- 5) Occupant loads not less than 7.5 m²/person, Travel distance to an exit from the dead end shall not exit 22.5 meter and in corridor it is 6 meter, Time of evacuation within 1 and half mins, this shall be ensured.

Open space & approach road:

- 1) The open space of the surrounding building shall be kept clear open to the sky and conform the relevant building rules as well as to permit the easy accessibility and maneuverability of Fire Appliances to turning facilities.
- 2) The approach roads of the surrounding building shall be sufficient strong to withstand the load of the Fire Engine weighting up to 30 M.T.
- 3) The width and height of the entry gate to the premises shall not be less than 5M and 6M respectively.

Fire fighting water, fire pumps, and hydrant arrangements:

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- 1) At least fifty thousand litres capacity underground static water tank and One terrace Water tank fifteen thousand litres capacity with Suitable type of fire pumps (one electric and one diesel pump of capacity 2850 LPM and one ele. Pump of capa.900 LPM) should be fed as per Indian code of practice and conforming to the norms N.B.C Part-IV.
- 2) The building shall be provided with Wet Riser (100 mm. dia, twin hydrant outlets) and Hose Reel unit with the provisions of outlets in each floor at the stair cases landing/half landing as per suitability at the rate of one such unit of Wet Riser & Hose Reel per 100m² of floor area. Provision of Hose Reel unit on swivelling drums in conjunction with Wet Riser near each landing valves shall be made at each floor level of the building.
- 3) All other requirements of the water based Fire protection shall be made as per I.S. specifications 3844-1989 (up dated).

Detection alarm and suppression arrangements:

- 1) Manually operated electric fire alarm system with at least four numbers of break glass type call box fitted with sounders/indications shall be installed.

First aid fire fighting installation:

- 1) Selected and suitable type of portable fire extinguisher, fire buckets etc. shall be arrange in all floors and vulnerable location of the building conforming the norms of N.B.C and relevant standard specification (IS 2190-1992).
- 2) To establish a systematic safe evacuation, fire drill shall be conducted at regular intervals, and fire notice shall be prepared and shall be displayed at vantage point to fulfil the requirements of fire fighting and evacuation from the building in the event of fire.
- 3) Prepare a fire risk assessment, safety management and contingency plan to identify the hazard, assess the risk and ensure safety in the event of fire.

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Additional precautions and general recommendations:

- 1) To ensure safety due to short circuit, faulty electrical connection or some similar causes, proper care shall be taken in designing electrical installations.
- 2) Storage of volatile flammable liquids shall be provided and the handling of such liquids shall be restricted to the science laboratory.
- 3) Special attention and precaution are necessary while handle inflammable material.
- 4) Arrangement shall be made for regular checking and maintenance of all fire safety installation, detection and protection equipment.
- 5) Liaison with local fire station, and trained the security staff, night guard, and other staff to operate fire fighting equipment and to engage them during emergency.
- 6) Every year a clearance certificate regarding fire and life safety, must have taken from this department.
- 7) On completion of the installation of Fire safety measures as mentioned above, a letter of completion is to be issued to this end within three month for final inspection from the Fire &

life safety point of view.

- 8) Any violations of the above recommendations shall be treated as cancelled and legal action may be taken as per F.S. Act & Rules 1950 (Amended up to date). Final N.O.C issue after fulfil the above recommendation if satisfied by the inspection authority of this dept.
- 9) Any changes /exceptions/Deviations of the occupiers use group of the building other than approved plan drawings shall not be permitted without prior intimation to all Administrative Authorities including this department. Violation if any shall be cancelling the certificate and treated as per rule.
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Divisional Fire Officer
West Bengal Fire & Emergency Services

Signature Not Verified
Digitally signed by ASHIM
SARKAR
Date: 2019.01.28 16:34:41 IST