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Government of West Bengal
Office of the Divisional Fire Officer
West Bengal Fire & Emergency Services
C. R. Das Road, P.O.+P.S. :- Berhampur, Pin :- 742101

Memo No.: FSR/211862506300015629 **Date : 10-07-2025**

From :
Divisional Fire Officer
Murshidabad Division
West Bengal Fire & Emergency Services

To :
The Becan India Foundation Trust
Dag No-138,139,139/585, Mouza-20, Vill-Rasora Kandi,Education Hub, P.O-Rasora, P.S-Bharatpur, Dist-Murshidabad, 742138.

Sub: Fire Safety Recommendation for an existing G+II storied building under Group Educational at the premises in the name & style of : The Becan India Foundation Trust, Over Dag No-138,139,139/585, Mouza-20, Vill-Rasora Kandi,Education Hub, P.O-Rasora, P.S-Bharatpur, Dist-Murshidabad, 742138...

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This is in reference to your AIN 211862506300015629 dated 05-Jul-2025 regarding Fire Safety Recommendation for an existing G+II storied building under Group Educational at the premises in the name & style of : The Becan India Foundation Trust, Over Dag No-138,139,139/585, Mouza-20, Vill-Rasora Kandi,Education Hub, P.O-Rasora, P.S-Bharatpur, Dist-Murshidabad, 742138..

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of plan with recommendation, this office is issuing Fire Safety Recommendation in favor of the aforesaid building for compliance of the following fire safety measure.

Recommendation :

A. CONSTRUCTION :
1)The whole construction of the existing building shall be carried out as per approved plan drawings conforming the relevant building rules of West Bengal Municipal Building Rules.
2)The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specification.
3)Provision of ventilation at the crown of the central core duct of the building shall be provided.
4)Arrangements shall have to be made for scaling all the vertical ducts by the materials of adequate fire resisting capacity.

Principal
Mount Litera Zee School Kandi

Executive Director
Mount Litera Zee School Kandi

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B. OPEN SPACE & APPROACH :
1)The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of fire appliance with turning facility.
2)The approach roads shall be sufficiently strong to withstand the load of fire engine weighting up to 45 M.T.
3)The width and height of the access gates into the premises shall not be less than 4.5 meter and 5 meter respecting abutting the road.
4)Two numbers entrance and exit has been provided for entrance and exit to the premises.
C. STAIRCASE :
1)The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / R.C.C type having fire resisting capacity not less than 4 hours.
2)The staircase of the building shall have permanent vents at the top and openable sashes at each floor level in the external wall of the building.
3)The width of the staircases shall be made as marked in the plan corridors and the exit doors shall conforming the relevant building rules as well as rules of the cinematograph Act with upto date amendments.
4)All the staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.
5)Fire and smoke doors at the entrances of all the staircase enclosure as marked in the plan at each floor level shall be provided. The F.C.D shall be of at least one hour fire resisting wire glass window fitted with self-closing type openable in the direction of escape.
D. FIRE FIGHTING WATER:
Overhead reservoir of 10,000 ltrs exclusively for fire fighting purpose with replenishing arrangements @ 1,000 ltrs/min preferably from two different sources of water supply shall be provided. The Fire Water Reservoir shall have overflow arrangement with the domestic Water Reservoir as well as to avoid stagnancy of water. The water reservoir shall be kept full at all time.
E. HYDRANT SYSTEM :
1)The building shall be provided with Down comer of 100 mm internal diameter pipe line with provision of landing valves at the staircase landings/half landings at the rate of one such riser for 1000 sq m of floor area. The system shall be so designed that shall be kept charged with water all the time under pressure and capable to discharge 900lts/min at the ground floor level outlet and minimum 450 ltrs/min at the top most outlet. In both cases the running pressure shall not be less that 3.5 kgs/sq.cm. All other requirements shall conform I.S. 3844-1989.
2)Provision of standard Hose Reel Hose supplied from the overhead reservoir through Booster Pump shall have to be made in all the floor of the building satisfy the code of I.S. 3844-1989.
3)Provision of two way collecting head for uses of Fire services must be provided at the entrance of the building.
F. FIRE PUMP :
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Provision of the fire pump shall have to be made to supply water at the rate designed pressure and discharge into the water based system which shall be installed in the building. One such pump shall always be kept on stand-by of same capacity.
G. ELECTRICAL INSTALLATION & DISTRIBUTION :
1)The electrical installation including transformers, switch gears, main & meters etc. and the distribution system of the premises shall be made satisfying the code of practice for fire safety in general building as laid down in I.S. 1946-1982.
2)The vertical ducts shall be supply sealed at alternative floor level.
3)The electrical installation shall be adequately protected with CO2/ D.C.P. extinguishers.
4)Alternative power supply – arrangements shall have to made to supply with the help of a generator to operate at least the Fire Pump, Pump for deep tube well, Fire Alarm System, Fire Lift etc. and also for illuminating the staircase, corridors etc. and other places of assembly of the building incase of normal power failure.
H. DETECTION, ALARM AND SUPPRESSION SYSTEM :
1)Manually operated electrical fire alarm system with at least four numbers of break glass type call boxes fitted with hooters along with public address system, talk back system at each floor connecting with audio-visual panel board shall be made in control room. The control room shall be located at the entrance of ground floor of the building, other requirements of the system shall be made conforming I.S. 2189-1988.

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2)Auto fire detection system with the help of heat and smoke detector shall be installed in all places of below and preferably above false ceiling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other requirements of the system shall be made in accordance with I.S. 2189-1988.
3)Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will sounded on the same floor and immediate alternate floor.
4)Public Address System: This system linked between all floors and Control Room shall have to be established.
I. AIR CONDITIONING SYSTEM (IF ANY) :
1)The A.H.U shall be separated for each floor with the system Air Ducts for individual floor.
2)Arrangement shall be made for isolation at the strategies location by incorporating auto damper in the Air Conditioning System.
3)The system of auto shut down of A.H.U shall be incorporated with the auto detection and alarm system.
4)The air handling unit's room shall not be used for storage of any combustible materials.

J. FIRST AID FIRE FIGHTING SYSTEM :
First Aid Fire fighting arrangements in the style of placing suitable type of portable fire extinguishers, fire buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with I.S.2190-1992
K. GENERAL RECOMMENDATIONS :
1)Fire License shall have to be obtained from the License section of the Department for proposed storing of highly combustible articles and processing with L.P.G, which come under the preview of License Section.
2)Fire Notice for fire fighting and evacuation from the building shall be prepared and be displayed at a vulnerable places of the building.
3)Floor numbers and directional sign of escape routs shall be displayed prominently.
4)The employees and security staff shall be conversant with installed fire fighting equipments of the building and to operate in the event of Fire & Testing.
5)Arrangement shall be made regular checking, testing and proper maintenance of all the fire safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times.
6)Mock fire practice and evacuation drill shall be performed periodically with participation of all occupants of the building.
This shall be treated as Fire Safety Recommendation on compliance of all the above fire and life safety recommendations, the Divisional Fire Officer, Murshidabad Division, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.
N.B : Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this fire safety recommendation will be treated as cancelled.

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Principal
Mount Litera Zee School Kandi

Executive Director
Mount Litera Zee School Kandi

Signature Not Verified
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Name: SUBRATA GUHA
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Reason: D-Sign
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Divisional Fire Officer

West Bengal Fire & Emergency Services

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