



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

Memo no.: FSR/0125186210900019

Date: 10-02-2021

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

To: SHYAMANGINI KUNDU COLLEGE OF EDUCATION
Plot No-12265, 12266, JL No-107, Mouza-Talibpur, Vill- Kaggram, PO- Salar, PS- Salar, Dist- Murshidabad, Pin- 742401

Sub: The Fire Safety Recommendation of an existing G+2 storied building under group Educational at the premises - Plot No-12265, 12266, JL No-107, Mouza-Talibpur, Vill- Kaggram, PO- Salar, PS- Salar, Dist- Murshidabad, Pin- 742401. Which Name in style "SHYAMANGINI KUNDU COLLEGE OF EDUCATION"

This is in reference to your application no. 0125186210900019 dated 22-01-2021 regarding the The Fire Safety Recommendation of an existing G+2 storied building under group Educational at the premises - Plot No-12265, 12266, JL No-107, Mouza-Talibpur, Vill- Kaggram, PO- Salar, PS- Salar, Dist- Murshidabad, Pin-742401. Which Name in style "SHYAMANGINI KUNDU COLLEGE OF EDUCATION"

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 is issuing Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the following fire safety measure.

Recommendation:

A) Construction Part- 1) The whole construction of the proposal building shall be carried out as per approved plan drawing conforming the relevant building rules of local Municipal/Panchayat Body. 2) The floor area exceeds 750 m² shall be suitable compartment by separation wall up to ceiling level having at least two hours Fire resisting capacity. 3) The interior finish decoration of the building shall be made low flame spread materials conforming I.S specification. 4) Provisional of ventilation at the crown of the central core-duct of the building shall be provided. 5) Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire resisting capacity. B) Open Space & Approach: 1) The open 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 M and 5 M respecting the road. C) STAIRCASE: 1) All the staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room. D) Fire Fighting Water: 1) Underground water reservoir having water capacity of 20,000 ltrs & overhead reservoir of 10,000 ltrs. Capacity exclusively for Fire Fighting purpose with

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replenishing arrangement @ 1620 Ltrs/min. preferably from two different source of water supply shall be provided. The water reservoir shall have overflow arrangement with the domestic water reservoir as well as to prevent stagnancy of water. The water reservoirs shall be kept full at all time. E) Hydrant System: 1)The building shall be provided with yard Hydrant /Ring main Hydrant with provision of two numbers hydrant with one number Fire Service inlet shall be installed the building in accordance with relevant I.S Specification. 2)Proper Replacing Arrangement shall have to be made to keep the O.H.W.R. F)Fire Pump: 1)Provision of the Fire Pump shall have to be made to supply water at the red signed pressure and discharge into the water based system, which shall be installed in the building. One main pump, Jockey pump and One such standby pump shall always be kept on preferably of diesel driven type with auto/manual starting facility. 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. specification 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 OR medium Velocity/Projector system. H)ALTERNATE POWER SUPPLY: 1)Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire Pump, Pump for deep tube-well. I)DETECTION ALARM SYSTEM: 1)Auto Fire Detector system with the help of heat and smoke detector shall be installed in all places of below and preferably above false calling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other equipment of the system shall be made in accordance with I.S. 2189-1988. J)FIRST AID FIRE FIGHTING SYSTEM: 1)First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire Buckets etc. All surrounding area of premises shall be made in accordance with I.S 15683 with from January 2012. K)GENERAL RECOMMENDATION: 1) Fire License shall have to be obtained for proposed storing and processing with highly combustible article. 2) Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of building. 3) Floor numbers and direction sign of escape route shall be displayed prominently. 4) The employee and security staff shall be conversant with installed Fire Fighting equipment of the building and to operate in the events of Fire & Testing. 5) Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipment's installed in the building to keep them in perfectly good working conditions at all times. 6) A crew of trained Fireman under the experienced Officer shall be maintained round the clock for safety of the building. 7) Mock Fire Practice and Evacuation drill shall be performed periodically with participation of all occupants 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.

Memo No: FSP/0125186210900019

Signature valid

Digitally signed by BAMBAM
KUMAR CHAKRABHURY
Date: 2021.02.10 13:16:30 IST

Divisional Fire Officer, Murshidabad
West Bengal Fire & Emergency Services