



**Government Of West Bengal**  
**Office Of The Divisional Fire Officer,Purba Medinipur**  
**West Bengal Fire & Emergency Services**  
**Dharinda, P.O.:- Tamluk, Purba Medinipur, Pin:- 721636**

Memo no.:FSR/0125186241400064

Date: 16-03-2024

**From:**  
**Divisional Fire Officer,Purba Medinipur**  
**West Bengal Fire & Emergency Services**

**To: Dhyaneswar Subodh Acadamy English Medium School**  
**JL NO-329,PLOT NO-287,VILL-GOGRASS,P.O-RAGHUNATHBARI,P.S-PANSKURA,PIN-721634**

**Sub: Fire Safety Recommendation for proposed construction G+II Building under group of Educational Building in the name & style of "DHYANESWAR SUBODH ACADAMY ENGLISH MEDRASSIUM SCHOOL" at Premises JL NO-329,PLOT NO-287,VILL-GOGRASS,P.O-RAGHUNATHBARI,P.S-PANSKURA,PIN-721634.**

This is in reference to your application no. 0125186241400064 dated 17-02-2024 regarding the Fire Safety Recommendation for proposed construction G+II Building under group of Educational Building in the name & style of "DHYANESWAR SUBODH ACADAMY ENGLISH MEDRASSIUM SCHOOL" at Premises JL NO-329,PLOT NO-287,VILL-GOGRASS,P.O-RAGHUNATHBARI,P.S-PANSKURA,PIN-721634.

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:**

**CONSTRUCTION:**

- 1.The whole construction of the existing building shall be carried out as per approved plan drawings conforming the relevant building rules of local Panchayat Body.
- 2.The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
- 3.Provision of ventilation at the crown of the central core-duct of the building shall be provided.
- 4.Arrangement shall have to be made for sealing all the vertical and horizontal ducts by the materials of adequate fire resisting capacity.

**OPEN SPACE AND APPROACH:**

- 1.The open spaces surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire Appliances with turning facility.
- 2.The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting 45M.T.
- 3.The width and height of the access gate into the premises shall not be less than 4.5 mts. and 5.0 mts. respecting the

abutting road.

4. Drive way should be free from any type of obstruction. No parking will be allowed on the drive way.

5. All the Passage way should be kept clear for free access.

#### EXIT

1. Exits shall be so arranged that at least two separate exits are available in first floor area. Exit shall be as remote from each other as practicable and so arranged that there are no pockets or dead end occurred in which occupants may be trapped.

2. Every exit doorway shall open into a horizontal exit of a Corridor.

3. Two nos. of exit doors must be provided for each class room facing verandah or corridor.

#### 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 walls of the building.

3. The width of the staircase shall be made as marked in the plan. Corridors and the exit doors shall conform the relevant Building Rules with up to date amendment.

4. All the staircase shall be extended up to terrace of the building and shall be negotiated to each floor.

#### FIRE FIGHTING WATER:

Over Head Water Reservoir 5000 liters and Under Ground Water Reservoir 10000 Ltrs. capacity exclusively for fire-fighting purpose with replenishing arrangements @ 500 ltrs/min. preferably from one source of water supply shall be provided. The water reservoirs 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.

#### HYDRANT SYSTEM:

1. The building shall be provided with Down Comer/Wet Riser of 100 mm. internal diameter pipe line with provision of Hose Reel Hose.

2. Provision for hydrant valve in conjunction with water line shall be made at floor level and conforming the relevant I.S. Specifications.

3. Fire Service Inlet shall be installed surrounding the building in accordance with relevant I.S. specifications.

#### FIRE PUMP:

Provision Booster Pump shall have to be made to supply water at the rate-designed pressure and capable to discharge 450LPM and same capacity standby pump into the Water based system, which shall be installed in the roof of the building.

#### DETECTION, ALARM AND SUPPRESSION SYSTEM

Manually operated Electrical Fire Alarm System of break glass type call boxes fitted with Hooters in each floor along with public address system connected with panel zone.

#### FIRST AID FIRE FIGHTING SYSTEM

First aid firefighting arrangement in the style of placing suitable type of portable fire extinguishers, in all floors, main & meter room, kitchen and vulnerable locations of the premises shall be made in accordance with I.S. 2190-1992.

**GENERAL RECOMMENDATIONS:**

- 1.Fire License shall have to be obtained for proposed storing and processing with L.P.G. and other highly combustible articles.
- 2.Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
- 3.Floor numbers and directional sign of escape route shall be displayed prominently.
- 4.The employees and security staffs shall be conversant with installed Fire Fighting Equipments of the building and to operate in the event of Fire and Testing.
- 5.Arrangement shall be made for 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.

On compliance of all the above Life and Fire Safety Recommendation, the Divisional Fire Officer, Purba Medinipur Division, West Bengal Fire & Emergency Services shall be approved for necessary inspection and testing of all 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.

Signature valid

Digitally Signed.  
Name: Bani Kumar Choudhury  
Date: 16-Mar-2024 09:52:19  
Reason: Approved  
Location: West Bengal

Divisional Fire Officer, Purba Medinipur  
West Bengal Fire & Emergency Services