



Government of Goa
Directorate of Fire & Emergency Services

Central Zone, Ponda,
Goa - 403401 - India
(ISO 9001:2015 & 45001:2018 Certified)



File No.: DFES/DYCEN/2023/2

Date : 29-11-2023

Sub:- Uses of places and trades for purpose involving risk from fires. Regarding Issue of Initial No Objection Certificate to KENDRIYA VIDYALAYA PONDA, 65 NA Curti Ponda Developed by KENDRIYA VIDYALAYA PONDA, KENDRIYA VIDYALAYA PONDA KENDRIYA VIDYALAYA PONDA Curti Ponda

Ref:- Application No. FES2305685 dated 10-Oct-2023

With reference to the above, this office has no objection to the said proposal of M/s Kendriya Vidyalaya Ponda - Goa for implementing Fire Protection Measures subject to compliance of the conditions agreed by you vide undertaking dated: 22.11.2023.

The No Objection given is specified to the Architectural and Fire Protection plan submitted to this office. Any changes other than as per the plans submitted and the recommendation given by this office, will need prior approval from this Directorate.

The Final No Objection Certificate be obtained from this office on satisfactory compliance of fire and safety requirements within One Year as stipulated in the Annexure.

To,
Smt. Sangeeta Gutain
Principal
M/s. Kendriya Vidyalaya
Ponda - Goa.

**RAJENDRA
ANANT
HALDANKAR**

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RAJENDRA ANANT
HALDANKAR
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ANNEXURE "A"

- a. One set of Architectural Plan (Blueprint Only) consisting of Site Plan, Elevation Plan, Section Plan & all Floor Plans, duly approved by Town & Country Planning Department or Planning & Development Authority.
 - b. One set of Fire Protection Plan indicating the Fire Prevention & Fire Fighting Provisions alongwith relevant documents (Site Plan, Floor wise Plan, Elevation Plan & Section Plan) that are proposed to be incorporated in the Building.
 - c. APPROACH FOR FIRE APPLIANCE:-
 - i) Adequate passage way clearance required for the fire fighting vehicles to enter the premises shall be provided at the main entrance, the width of such entrance shall not be less than 4.5 mtrs. If an arch or covered gate is constructed it shall have a clear head room of not less than 5 mtrs.
 - ii) The compulsory open space around the building shall not be used for parking.
 - d. Atleast One Number of External Fire Hydrants conforming to BIS:908 shall be provided in the courtyard premises connected to the Existing water tank coupled to suitable Fire Fighting pump capable of maintaining pressure of not less than 7 Kg/cm² with 63 mm single outlet with two numbers of Delivery hoses and Branch pipe in each Hose box.
 - e. The Hose Reel Hose confirming to IS:884/1985 should be provided on all floors of the building which should be coupled to Fire Fighting Pump capable of maintaining a pressure of not less than 3Kg/cm² on each floor of building in such a way as not to reduce the width of the corridor and no part of the floor is more than 6 mtrs. away from the nozzle when fully extended.
- f. FIRE PUMP :-**
- i. Hydrant system shall be connected to an Electric Fire pump capable of delivering 450 liters/min. of water at ground level at a pressure of not less than 3.5 Kg/cm².
 - ii. Electric supply to these pumps shall be on independent circuit.
- g) The type & distribution of First Aid Fire Fighting appliances in the premises shall be in accordance with good practice as per BIS: 2190/2010. There shall be two Fire Points recessed to the wall 0.9 mtr. above floor comprising of Carbon-di-Oxide extinguisher 4.5kgs capacity and ABC Type Fire extinguisher 4 kgs capacity. All extinguishers shall confirm to BIS:15683/2006.

- h) **LPG BANK:-** Liquefied Petroleum Gas (L.P.G) cylinders shall not be stored & used individually in the room designated for Kitchen in the building. The L.P.G. pipeline installation shall be connected to the L.P.G cylinders shall be stored in the Gas Bank constructed on the ground floor of the building and shall conform to IS:6044 (Part-I). The LPG Bank shall be provided with L.P.G leak detectors. The layout and design of L.P.G Bank installation shall be submitted to this office for approval
- i) **ALTERNATE SOURCE OF POWER SUPPLY:-** Independent Secondary Circuit fed by Secondary source of Power supply with appropriate change over switch shall be provided for the Fire systems in the school building.
- j) **DIRECTIONAL FIRE EXIT SIGN:-** The Fire Safety Signage's and Emergency Escape Signage's shall be installed at the appropriate places on all floor of the school building as per the specimen and size enclosed in Annexure "B".
- k) **"NO SMOKING"** Board shall be prominently displayed.
- l) The school premises shall be equipped & maintained as to avoid danger to life and safeties of the occupants from Fire, smoke, fumes or panic during the time period necessary for escape. Every exit shall be maintained free of all obstructions.
- m) Teachers should be trained in conducting Fire drills and Evacuation Drill in emergencies.
- n) Fire action sticker indicating what is to be done in case of Fire needs to be pasted at various prominent locations indicating emergency telephone numbers.
- o) Fire drills should be conducted at least once in 6 months in the school in consultation with the Fire department in preparing students for orderly evacuation during eventuality.
- p) No cooking of any type shall be allowed in the school premises other than in designated common kitchen area
- q) Assembly point in case of emergency should be displayed at the prominent location in the premises.
- r) The staff should be trained in handling, usage and maintenance of First Aid Fire Extinguisher and Fire Fighting system installed in the premises.
- s) The School Disaster Management plan shall be prepared and submitted to this office.
- t) Further you have to submit the total built-up area of the premises so as to remit the licence fee as per the Govt. Notification No.3/7/85-HD(G)Vol-II, dated; 18.05.2010.

ANNEXURE "B"

The colour of the Directional and Fire Safety signages shall be **RED** with Graphic symbol in **WHITE** colour and the colour of the Emergency escape signages shall be **GREEN** with Graphic symbol in **WHITE** colour as per IS 9457:2005.

Sr. No.	DESCRIPTION	SIZE (mm)	IMAGES
	Emergency Exit Signages (Photoluminescent)		
1	Emergency Exit light Wall mounted with Rechargeable Battery Backup		
2	Exit Signage	100 X 300	
3	Staircase Identification Signage (Photoluminescent)	100 X 300	
4	Staircase Identification Signage (Photoluminescent)	100 X 300	
5	Fire Alarm Signage	200 X 250	
6	Fire Extinguisher Signage	200 X 200	
7	Hose Reel Hose Signage	200 X 250	
8	Assembly Point Signage	600 X 600	
9	Emergency Escape Plan Signage	A3 Size	
10	Arrow Tape (Line of Escape) Signage	80mm x 10mtr	