



Office of the Chief Fire Officer, Bengaluru-East Zone,
Karnataka Fire & Emergency Services,
Commissariat Road, Bengaluru-560 025.



No. 148/CFO/Bng-East/FSR/2021

Dated: 06-04-2021.

ANNEXURE – 1

Group - B Educational Building

NBC-2016, Part-4, Table 7(11) 3.1.3 Group B Educational Buildings Sub Division B1 & B2.
(These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC-2016 are mandatory).

To,
The principal,
M/s. Kendriya Vidyalaya Channapatna,
Govt Silk Form, Vandaraguppe Post,
Channapatna Taluk,
Ramanagara District-562161

Sir,

Sub : Issue of "**Fire safety recommendation**" with respect of fire prevention, fire fighting and evacuation measures required at "M/s. Kendriya Vidyalaya, Channapatna, Govt Silk Form, Vandaraguppe Post, Channapatna Taluk, Ramanagara District -562161": - reg.

Ref : 1) Your request letter dated: 12-03-2021.
2) Inspection report No: 24/DFO/RMFS/2021, Date: 18-03-2021.

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With reference to the subject cited above, the premises of "M/s.Kendriya Vidyalaya, Channapatna, Govt Silk Form, Vandaraguppe Post, Channapatna Taluk, Ramanagara District-562161" was inspected by the District Fire Officer, Ramanagara Fire Station, Ramanagara on 17-03-2021 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

Part-A. Details of the building / premises :-

1.	Name and address of the applicant	The principal, M/s. Kendriya Vidyalaya, Channapatna, Govt Silk Form, Vandaraguppe Post, Channapatna Taluk, Ramanagara District-562161
2.	Name and address of the premises.	M/s.Kendriya Vidyalaya Channapatna, Govt Silk Form,Vandaraguppe Post, Channapatna Taluk, Ramanagara District-562161



3.	Name and address of the building owner	:	The principal, M/s.Kendriya Vidyalaya, Channapatna, Govt Silk Form, Vandaraguppe Post, Channapatna Taluk, Ramanagara District-562161.
4.	Number of Buildings	:	Three Building.
5.	Number of floors	:	Each Building have only Ground floor.
6.	<u>Floor wise details of occupancy</u>		
	Building 1.	Ground floor	: 3 Class rooms, Principal Office room, Staff room, 2 Exam Halls
	Building 2.	Ground floor	: 2 Class rooms, Computer Lab, Store room, Sports room.
	Building 3.	Ground floor	: 3 Class rooms, Science Lab, Lobby.
7.	Height of the Building	:	Building 1- 4.05mtrs. Building 2- 3.45mtrs. Building 3- 4.21mtrs.
8.	Site area	:	5,066.25Sq.mtrs.
9.	<u>Built-up area of each floor:-</u>		
	Building 1.	Ground floor	: 502.50Sq.Mtrs.
	Building 2.	Ground floor	: 120.00Sq.Mtrs.
	Building 3.	Ground floor	: 347.07Sq.Mtrs.
10.	Total Built up area	:	969.57Sq.mtrs.
11.	<u>Surroundings of the Property:-</u>		
		East (Rear)	: Vacant Land.
		West(Front)	: 20mtrs wide B.M Road.
		North (Side)	: Vacant Land.
		South (side)	: Vacant Land.
12.	<u>Setback area available around the building</u>	:	
		East (Rear)	: 6.00mtrs.
		West(Front)	: 6.00mtrs.
		North (Side)	: 6.00mtrs.
		South (side)	: 6.00mtrs.



Part-B. On inspection of this School premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-

Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)
1.	Accessibility	The premise is accessible from 20.00mtrs. wide Bangalore-Mysore Road, located on the western side.	Complied.
2.	Number of entrances	One entrance and one exit, each of 5.50 mtrs. wide has been provided.	Complied.
3.	Diesel generators	Not Provided.	One adequate capacity of generator should be provided and it should be connected to alternative power supply.
4.	Number of staircases available	Not Provided.	Not Required.
5.	No. lifts and capacity	Not provided.	Not Required.
7	Portable Fire extinguishers	Not provided.	<p>A. One Water mist extinguisher of 9 liters capacity should be kept near each staircase landing.</p> <p>B. One Mechanical foam extinguisher of 9 liters capacity & One ABC type extinguisher of 6Kgs capacity should be provided near Diesel Generator.</p> <p>C. One CO₂ Type fire extinguisher of 4.5Kgs capacity should be provided near each electrical board & electrical room.</p> <p>D. One ABC type extinguisher of 6kgs capacity should be located as to be available within 15.00mtrs radius.</p>



6.	First aid hose reel hose	Not provided.	03 nos Hose reel hose systems (one in each Building) shall be provided. The hose reel hose of min 19mm size and of adequate length to reach the farthest point of each floor should be provided with shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing of each building.
7.	Terrace tank over respective tower terrace	Not provided.	The system should be connected to an RCC overhead tank of 10,000Ltrs capacity. (The water tank should be kept exclusively for firefighting purpose & syntax tank should not be used)
8.	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not provided.	Recommended to provide Booster pump of capacity 450 LPM. (Further the system should be connected to an alternative source of power supply)
9.	Escape routes	Not provided.	Directions in which the students have to move in the event of any emergency shall be displayed in the corridor on each floor during evacuation.
10.	Fire order (Fire Safety plans)	Not provided.	A notice board have been indicated the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Channapatna Fire Station, i.e., 080-29781354 & 101, 500 550, & 600 and the nearest Ambulance service and Police Station.



11.	No smoking board.	Not displayed.	COTPA Sec-4, direction NO Smoking area smoking here is an offence board should be written in English & Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.
12.	Fire Fighting training	Not trained.	At least 40% of the staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerghatta Road, Bangalore - 560029 / Chief Fire Officer, Zone level.
13.	<p><u>Fire precautionary measures :-</u></p> <p>A) Explosive and flammable materials should not be stores in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.</p> <p>B) Accumulation of combustibile waste in and the premises should be avoided.</p> <p>C) The exit ways shall be always kept clear without any obstruction.</p> <p>D) Liquefied petroleum gas should not be stores in the building.</p> <p>E) The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F) During the class hours the class room doors shall not be locked from inside to outside.</p> <p>G) As per Honorable Supreme Court order all teachers and staffs shall be trained to handle safety equipment, initiate emergency evacuation and protect their students in the event of fire and other emergency and the school shall observe the Fire Safety Day on April 14th of every year be conducting Fire Safety drills with co-ordinate Fire Service department.</p>		

Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "M/s. Kendriya Vidyalaya, Channapatna, Govt Silk Form, Vandaraguppe Post, Channapatna Taluk, Ramanagara District". subject to condition and compliance of the above recommendations in Column-4 of Part-B within 3 months and compliance from the undersigned.

"This Fire Safety Recommendation is valid for only one year from the date of issue and it is renewable".

All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Copy to:
The District Fire Officer,
Ramanagara Fire Station,
Ramanagara.



Yours faithfully,

[Handwritten Signature]

Chief Fire Officer
Bengaluru East Zone
Bengaluru