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GOVERNMENT OF KARNATAKA

OFFICE OF THE
CHIEF FIRE OFFICER
Karnataka State Fire and
Emergency Services,
HUBBALLI-25

C.No.13:ADV:CFO:HBL:2022

Date :31/01/2022

To,

The President
Mahesh Foundation
792/1, Opp. Govt Kannada School
Siddeshwar Nagar, Kanabargi,
Belagavi-590015

Sir,

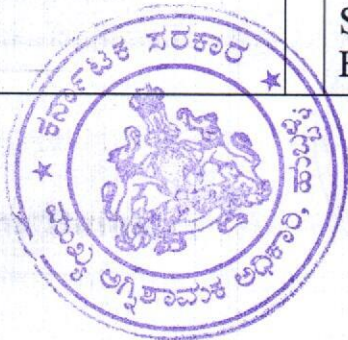
Sub: Issue of 'Advice' on requirement of fire prevention Fire Fighting and Evacuation measures at Mahesh Foundation, 792/1, Opp. Govt Kannada School, Siddeshwar Nagar, Kanabargi, Belagavi District.

Ref : Request letter dated 15/01/2022

With reference to the cited above subject the Mahesh Foundation building consisting Ground Floor + 4 upper floors at 792/1, Opp. Govt Kannada School, Siddeshwar Nagar, Kanabargi, Belagavi District was inspected by me on **23/01/2022** with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.:

A. Details of the Building / site:-

01	Name & Address of the Applicant	:	The President Mahesh Foundation 792/1, Opp. Govt Kannada School Siddeshwar Nagar, Kanabargi, Belagavi District
02	Address of the premises	:	Mahesh Foundation 792/1, Opp. Govt Kannada School Siddeshwar Nagar, Kanabargi, Belagavi District



03	Date of Inspection	:	25/01/2022
04	Number of Buildings	:	One building
05	Number of floors	:	Ground floor & 4 upper floors
06	Floor-wise details of occupancy :-		
	Ground floor	:	Entrance Porch, Grameena Market, Dining Area
	1 st floor	:	Livelihood Training Center, Training Center for Women
	2 nd floor	:	02 nos. of Dormitory
	3 rd floor	:	Livelihood Training Center, Training Center for Women
	4 th floor	:	Work Place for Staff, Workshop & Meeting Hall
07	Height of the building	:	14.55 Mtrs.
08	Site area	:	200.75 Sq. Mtrs.
09	Built-up area of each floor :-		
	Ground floor	:	93.27 Sq. Mtrs.
	1 st floor	:	93.27 Sq. Mtrs.
	2 nd floor	:	93.27 Sq. Mtrs.
	3 rd floor	:	93.27 Sq. Mtrs.
	4 th floor	:	93.27 Sq. Mtrs.
10	Total built-up area	:	466.35 Sq. Mtrs.
11	Type of Construction	:	R.C.C Building
12	Surrounding properties:-		
	East	:	Residential Building
	West	:	04.90 mtr. wide road
	North	:	05.00 mtr. wide road
	South	:	Residential Building
13	Setback area available around the Building:-		
	East	:	01.35 Mtrs.
	West	:	03.50 Mtrs.
	North	:	00.00 Mtrs.
	South	:	00.00 Mtrs.

Note : Recommended to provide Set-backs as per Zonal Regulations Belagavi.



B. On inspection of this premises, the following fire prevention, fire fighting and evacuation measures are recommended & are considered absolutely essential:-

Sl. No.	Details [02]	Existing [03]	Recommendations [04]
01	Accessibility to Building/site.	The premises is abutting 04.90 mt. wide road located on Western side.	Adequate
02	Alternate power Supply.	Provided 62.5 KVA diesel generator.	Adequate
03	No. of staircases available	Provided 01 no. of staircase to access from Ground floor to upper floors.	Adequate
04	No. of Lifts	---	---
05.	Portable Fire extinguishers:-		
		---	1. Each corridor should be provided with 5 kg capacity ABC type Fire Extinguisher. 2. 01 ABC F/E of 05 kg capacity for every 04 cars in the basement or stilt parking area. 3. 01 no. of 05 KG of DCP & 01 no. of 2.5 KG CO2 Extinguisher at basement store room. 4. One CO2 Extinguisher of 2 Kg Capacity and one water pressure type 9 ltrs capacity extinguisher at each staircase landing at each floor. 5. One CO2 Extinguisher of 5 kg Capacity to be installed near Generator, Electrical room, and UPS room.



06	Fire alarm system	---	Recommended to provide manual/Automatic fire alarm system in the building.
07	Sprinkler System	---	Not required as the risk is low.
08	Automatic smoke detectors	---	Not required as the risk is low.
09	Capacity of Main pump/ Standby pump required	---	Recommended to provide a booster pump of 450 lpm capacity.
10.	Capacity of overhead water tank/underground Water Tank required	Provided 01 no. of tank is 2000 ltrs. capacity.	Recommended to provide Overhead tank of 10000 ltrs. capacity. Recommended to provide Hose reel hose of 33 mtrs minimum length with a nozzle of 19 mm dia. near the staircase at each floor level.
11	<u>Fire precautionary measures:-</u> A. The exit ways shall be kept clear always without any obstructions and marked with using illuminating paint. B. No fire in the form of naked flames shall be used in the premises. C. Inflammable and explosive materials shall not stored in the area of the building. D. Smoking should be strictly prohibited and 'No Smoking' boards shall be displayed at appropriate places in the premises. E. The doors shall not be kept locked or latched and free from any obstructions.		
12	Escape routes	---	Direction in which the employees/occupants/tenements should have to move in the event of any emergency has been marked with luminous paint at each floor directing the employees towards emergency exits.



13	Wet-riser cum Down-comer system	Provided 01 no. of down comer system of 100 mm dia of GI C class pipe near the staircase and connected to the booster pump at overhead tank.	Adequate The down comer should be of 100 mm internal diameter. And of G.I.'C' class pipe. From the down comer single hydrant outlets should be provided at each landing. Hose reel hose of minimum 19 mm size of adequate length to reach the farthest point of each floor should be provided with a shut off branch having a nozzle of 5 mm size. Adequate B.I.S. marked reinforced rubber lined delivery hoses of 63 mm size to reach the farthest point of the floor/setbacks from the system should be provided with a branch pipe near each hydrant outlet in a proper box to protect it from withering. At least two fire service inlets to boost the water in the riser directly from the mobile pump should also be provided. These inlets should be located at an easily accessible position, preferably the entry point to the premises. Each down comer system should be connected to an overhead tank of minimum 10000 ltrs. capacity and along with a pump of 450 lpm capacity. The impeller of the pumps should be made of bronze.
14	Fire order [Fire	---	Fire safety plans indicated with



14	Fire order [Fire safety plans]	---	Fire safety plans indicated with details of actions to be taken in case of an emergency have been displayed near staircase landings at each floor with telephone numbers of our Belagavi fire station i.e., 0831-2429441 or 101 & telephone numbers of the nearest Ambulance service.
15	Fire fighting training	---	At-least 40% of employees shall be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date.

From the above details it is clear that the **'Management'** of the above building have been advised to display escape routes & fire safety plans, and to arrange 40% of the staff/occupants/tenements to undergo basic fire fighting training at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore. After full-filling the above recommendations, a Certificate should be obtained by this office. ***If at any time any of the conditions are found not complied with, this Certificate shall stand withdrawn/cancelled.***

Hence, this Advice cum safety certificate is issued for the Mahesh Foundation building consisting Ground Floor + 4 upper floors at 792/1, Opp. Govt Kannada School, Siddeshwar Nagar, Kanabargi, Belagavi District.

This Certificate is valid for a period of one year only from the date of issue of this letter.



Yours faithfully,

[Signature]
CHIEF FIRE OFFICER
 Karnataka State Fire and
 Emergency Services, Hubballi Zone
 HUBBALLI-25