

N.A.H.
Head clerk
20/8/23

APPENDIX- L

FORM 'S'

[See Rule 87(5)]

FIRE AUDIT REPORT

Year: 2023

To,

M/s Shri Rajiv Gandhi Govt. College Banda

Ward No.11, Rest house Road, Distt. Sagar (MP) -470335

Subject: Submission of fire audit report of above mention Government college building.

Dear Sir,

I am **Mohit Malviya**, B.E. (Fire Technology & Safety Engineering), have been inspected college building / premises dated **12 August, 2023**. Checked all firefighting Equipment's/ Installations and completed the Fire Audit of said building.

ABOUT BUILDING:

- 🚒 OCCUPANCY: EDUCATION BUILDING
- 🚒 HEIGHT: 4.5METER GROUND FLOOR
- 🚒 AREA: - 2800 Sqm.

DETAILS OF FIRE SYSTEM INSTALLED AREAS BELOW:

S. No	Particular	Available / installed or not installed (as per requirements)(give comments)	Comments for working of system (attach details, if needed)
1	Access	Sufficient road space available for fire brigade to access hospital	Front side and left side is having sufficient space for fire brigade to operate
2	Wet Riser	Not Required	
3	Down Comer	Not Required	Should Use Pipe Size Minimum 80mm to 100 mm
4	Hose Reel	Required	As per NBC part 4 table no. 7 hose reel on each floor covering 30 meter distance with flow of 70-80 LPM
5	Automatic Sprinkler system	Not Required	
6	Yard Hydrant	Not Required	
7	Underground tanks with	Not Required	

MOHIT MALVIYA 20/8/23

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RECOMMENDATIONS:-**AS PER NBC PART IV SUBSECTION INSTITUTIONAL BUILDINGS**

1. Assembly point must be identifying with signage
2. On site Emergency / Evacuation plan shall have to be prepared and update at regular interval.
3. Operating instruction/SOP has to be displayed near the fire extinguisher equipment.
4. Fire Drill should be performed.
5. Building will be safe after completion of all the recommendation.
6. Fire Extinguishers are required in corridor & outside of Lab.

KINDLY SEE ATTACHED FILE BELOW.

Sr. No	Department	Audit Finding/ Observation	Recommendation
1.	Zoology Lab	Working Fire Extinguisher	Install 2 Fire Extinguisher 1 ABC and Minimum 1 Co 2 Type Fire Extinguisher
		Fire Exit Sign Board	
2.	Chemistry	Working Fire Extinguisher	Install 2 Fire Extinguisher 1 ABC and Minimum 1 Co 2 Type Fire Extinguisher
		Fire Exit Sign Board	
3.	Physics	Working Fire Extinguisher	Install 2 Fire Extinguisher 1 ABC and Minimum 1 Co 2 Type Fire Extinguisher
		Fire Exit Sign Board	
4.	Library	Working Fire Extinguisher	Install 2 Fire Extinguisher 1 ABC and Minimum 1 Co 2 Type Fire Extinguisher
		Fire Exit Sign Board	
5.	Department of Commerce	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	
6.	Department of political Science	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	
7.	Department of Hindi	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	

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	Draw off Connection		
8	Terrace tank	Water Tank capacity (4,000 liter) available On total tanks of campus	Required 10000 capacity of Terrace tank
9	Fire pump	Required	
10	Terrace Pump	Required	Fire Pump Required with the flow of 450 LPM (booster pump)
11	First Aid fire Fighting appliances	Total Fire Extinguisher ABC Type – 4Kg – 10 Nos	CO ₂ TYPE FIREEXTINGUISHER is required in Campus
12	Pressurization System	Natural ventilation	
13	Auto Detection System	Not Required	-
14	Manual operated Electrical Fire Alarm System	Not Required	-
15	P. A System with talk Back Facility	Not Installed	
16	Emergency Light	Available / Installed	Connected to inverter set with capacity.
17	Auto D.G set	Not Installed	
18	Illuminated Exit sign	Available / Installed	
19	Means for Escape	2 no. of exit provided main exits form collage	Open campus in case of emergency easily can evacuate.
20	Compartmental	Not Required	
21	MCB/ELCB	Installed	At electrical panel for circuit Breaker in case of emergency
22	Fireman Switch in lift	Not Required	-
23	Hose Boxes with delivery Hose and branch	Not Required	
24	Refuge area	NA	
25	Any other installation	NA	SAND BUCKET

It is certified that the installed Fire System as given above are in working condition and safe.

Date: 12 August, 2023

MOHIT MALVIYA
Fire and Safety Eng.

Name of Engineer: Mohit Malviya

Add:- 296 Shubham Geens

CAT Road Indore-453331

8.	Department of Economics	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	
9.	Department of History	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	
10.	Department of Sociology	No Fire Extinguisher	Install 1 Fire Extinguisher ABC Type Minimum
		Fire Exit Sign Board	
11.	Electrical Room	No Fire Extinguisher	Install 1 Fire Extinguisher CO2 Type Minimum
		Fire Exit Sign Board	

MOHIT MALVIYA 1.02.3

Fire and Safety Eng.

Name of Engineer: Mohit Malviya

Add:- 296 Shubham Geens

Cat Road Indore -453331

Subject: Submission of fire audit report of above mentioned

Building

on Mohit Malviya, B.E. Fire Technology & Safety Engineer

building / job done dated 12 August, 2023. Certified by

and completed on 12/08/2023.

ABOUT BUILDING:

★ OCCUPANCY: EDUCATION BUILDING

★ FLOOR: 5.4. MULTIPLE FLOOR BUILDING

★ AREA: 2500 Sqm.

DETAILS OF FIRE SYSTEM INSTALLED ARE AS FOLLOWS:

S. No.	Particular	Available / installed or not installed (for non requirement give comments)	Comments for installing or systems (attach details, if needed)
1	Fire Alarm	Not installed	Fire alarm and detection system is required with details.
2	Fire Extinguisher	Not Required	Fire Extinguisher is required.
3	Smoke Detector	Not Required	Smoke Detector is required.
4	Fire Panel	Not Required	Fire Panel is required.
5	Fire Alarm Control system	Not Required	Fire Alarm Control system is required.
6	Yard Hydrant	Not Required	Yard Hydrant is required.
7	Underground tank system	Not Required	Underground tank system is required.

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