

FIRE SAFETY AUDIT CERTIFICATE

Certified That, we have carried out inspection, interacted with the inmates and audit reported on December 12th, 2025 with reference to Fire prevention, life safety measures taken, awareness created among the inmates and Fire-fighting arrangements installed in the premises which comes under and is classified as Industrial Building as per NBC part IV, B-1 having Light Hazard occupancy

1. Details Of the Building Certified:

Name & address of The building considered

**M/s. Global Institute of Management and science,
Raj Rajeswari Nagar
BANGALORE.**

Name of the person conversed

Mr. Uttam Kumar. Asst. Professor

2. Building Details - Educational Building.

Height of the Building : Peak height is less than 15M with Type-2, construction

No. of floors : Basement, Ground plus 3 floors.

Light Hazard : B-1

3. Assessment of fire and life Safety Measure.

FIRE PROTECTION

Fire extinguishers provided are not adequate as per IS-2190

LIFE SAFETY:

Fire hazard especially in case of Educational Building where safeguarding the occupants with multiple activities are happening needs a sound safety plan for evacuating precious human life and also saving the high value components equipment's and vital records is of

paramount importance and following requirements shall be in place and in accordance.

Building Approach	: Adequate
Fire exit route	: provided
Fire exit Plan	: Proposed and under process.
Exit Passage way	: Clear 2.5M wide Provided as required.
Exit discharge door	: Provided with 2M width and 2.4M Head Clearance.

4. Details of The Third-Party Auditor/Consultant

Mr. SHIVANAND NAIK. Consultant and Auditor (fire and Life safety)

BSc Fire Engg, from Institute of Fire Engineers – London.

LEAD AUDITOR – FIRE & LIFE SAFETY

Mobile No: 9739049365, Mail To: shiva1954naik@gmail.com

Experience:45years in this specialized field of fire Protection Engineering

Designing and Project Execution of fire protection systems for various Industries including specialized Fire systems like oil jetty protection systems for Mangalore Port trust, Tuticorin Port trust.

Designed and executed Storage Tank Protection systems (Foam Pourer, Foam sprinkler and water spray systems) for Oil Industries as per OISD-117.

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Carried out fire safety audit for many High-rise buildings Residential, Business, bonded ware houses, hospitals, Hotels petroleum storages, and Industries as per Insurance requirements (NABH & JCI). Also provide consultancy service and Training to many industries, petrochemical units, and commerce and construction sectors.

SHIVANAND NAIK

AUDITOR – Fire & Life Safety

FIRE SAFETY AUDIT REPORT Dt.12-12-2025

CLIENT :M/s. GLOBAL INSTITUTE OF MANAGEMENT & SCIENCE
BANGALORE

PROJECT : EDUCATIONAL BUILDINGS.

PLACE : R.R.NAGAR BANGALORE.

LEAD AUDITOR : Shivanand Naik B.Sc. Fire Engg (IFE-London).

1. INTRODUCTION

Fire is blessing in many ways but uncontrolled fire when breakout pose great hazard and cause great difficulty to the occupants especially in a hospital building.

The task is to save life first, protect property, safe environment and continuity of operation in that order. Fire safety audit is effective tool to set standards and help the people to identify the areas for improvement and evolve an action plan.

Fire Protection is well defined discipline that includes Prevention, Detection, suppression and life safety.

Fire in any occupancy has potential to cause harm to people and severe damages to property. Fire safety audit is effective tool to set standards and help the people to identify the areas for improvement and evolve an action plan.

All the buildings are built with the concept and criteria that fire should not occur in any building but the reality is different hence providing fire fighting equipments made the building safe. Further the modern building present inherent fire hazard especially in case of multi-storeyed Educational building where preserving and safeguarding the inmates with multiple activities are happening needs a sound safety plan for evacuating precious human life and also saving the high value medical equipment's and records is of vital importance.

The National Building Code of India lays down a set of minimum provisions to which the buildings should be designed to protect the safety of the public/inmates. Part IV of NBC relates specifically to fire protection and life safety requirements.

2. OBJECTIVE

The primary objective of this audit and reporting is to create a Sound Safety Plan to protect the property and occupants' life from accidental Fire in minimum time possible. Audit by analysing in detail the adequacy of the fire safety arrangements

and equipment's and also find adherence to fire and life safety norms with respect to National Building Code. Further suggest the required additions/modifications.

3. TERMS OF REFERENCES

The fire safety audit procedure was designed to cover and report the findings to make such recommendations for improvements wherever necessary under the category of Fire safety audit for the entire premises as per the scope of job envisaged in our offer.

This audit will therefore comment all aspect of safety specifically with regard to fire protection and make necessary recommendations/suggestions for the overall improvement of the safety in the said premises.

3.1: The codes and practice as in NBC part IV Fire and Life safety as devised to minimise danger to life and property from fire.

3.2: ISS – 2190 for providing first aid fire equipment's in multi-storeyed building

4. METHODOLOGY

- Pre audit data collection.
- Site visit and study the existing facilities.
- Review of documents available at site.
- Testing the fire safety equipment's/systems.
- Discussion with the personals connected with fire safety.
- Preparation of fire safety report to support, develop fire and life safety programming to minimise loss of life and property.

5. Conversed with:

Mr. UTTAM KUMAR Associate Professor.

6. GENERAL OBSERVATIONS.

The following observations were made by our team during the auditing at your building premises on 12-12-2025.

TYPE OF OCCUPANCY AS PER NBC

The buildings under consideration is Educational building., classified as Educational Building under Group - B-1, Light Hazard as per National Building Code Part IV Fire and Life Safety with Basement, Ground plus Three floors and the total height of the building below 15 metres from the approach road.

6.1 Facilities

- | | | | |
|-------|----------------------|---|--|
| 6.1.1 | Lifts | : | Fire men lifts not provided |
| 6.1.2 | Stair cases | : | Two numbers |
| 6.1.2 | Service ducts | : | All the service ducts are closed at floor level |
| 6.1.3 | Electrical Service | : | In good working condition, however it is advisable to
Electrical audit. |
| 6.1.4 | Illumination of exit | : | alternate power supply shall be provided |

Suggestions:

1. Passages and landing area shall be kept obstruction free.
2. Stair cases shall be provided with antiskid stripe
3. Housekeeping is good however special care shall be taken at auditorium

6.2 First Aid Fire Extinguishers

6.2.1 Observation:

Fire extinguishers provided are inadequate for the development as per IS: 2190.

Suggestions:

1. The extinguishers provided are pressure filled type in many places and every week pressure gauge checking shall be carried out by the in-house guard. If pressure found in the red zone shall be pressured up to green zone.

2. The number of fire extinguishers shall increase by installing minimum 6 nos. on every floor, further the basement auditorium shall have minimum 4 nos units.

Type of Fire extinguishers shall be ABC 6kgs. Capacity.

3. All the extinguishers shall have service card with number.

6.3 FIRE ALARM SYSTEM

6.3.1 Observation

Not Installed.

Suggestion:

Manually operated conventional fire alarm system shall be provided near both the staircase with MCP and Hooters at each floor level. And The fire alarm panel shall be placed near the reception.

6.4 Fire Hydrant System

6.4.1 Observation:

Not Installed

Suggestion:

1. Down comer with First aid hose reel system shall be installed with a terrace OHT of 15000 Litres capacity and pump of 900lpm at terrace.
2. And the Basement Area is more than 200 Sq.M, needs to be protected with sprinklers. And add another 5000 Liters to sump capacity thus the total OHT will be 20,000 L capacity exclusively available for firefighting.

6.5 RESPONSE TO FIRE

Observation

1. Fire drill not conducted in the premises
2. Fire Safety Plan is not provided.

Suggestion

- Fire command station shall be established at main reception area
- Fire escape route shall be marked
- Communication by public address system is a requirement for institutional building with heavy density of foot prints and visitors make it necessary to have evacuation plan involving all there inmates.
- ERT team to be established
- Fire safety plans like fire order, exit signages with direction, floor indicators shall be provided
- Representative floor plan with exit route shall be provided
- Duties of the ERT team shall be made available to respective ERT
- The entire escape route shall be clear without any hindrance
- Doors provided in the escape/exit route shall open towards the direction of escape route doors shall be provided with panic bar
- ERT team shall be selected as to have at least 6 members available in the premises at round the clock.

6.6 PERIODICAL MAINTENANCE

6.6.1 OBSERVATION

All the equipment's installed are periodically serviced, maintained as required In IS: 2190.

SUGGESTION:

All the fire extinguishers shall be numbered and marked by stencil, on the body of the unit and with service card attached to the unit for easy identification and to know the case history for necessary action.

7. CONCLUSION:

Every possible preventive step and protection methods should be implemented to control the fire threat in its incipient stage and prevent any untoward incident that can happen by adapting suitable Incident management system.

The endower to prevent any accidental fire or injuries due to work environment and achieve desired level of target with commitment towards safety will pay rich dividends both in terms of loss prevention and reputation.

We once again emphasize that the suggested/recommended job work shall be taken up at the earliest in view of the occupant's safety however the team is satisfied with sincerity, promise and approach of the management to make the occupied premises as a safe area to attain the goal without compromising on inmate's safety.

We the team is also grateful for the curtesy extended during our visit.

Mr. SHIVANAND NAIK.

LEAD AUDITOR

- Associated member Institute of Fire Engineers-London since 1990
- Has conducted audit for many educational institutes, hospitals as required by NBCC & JCI accreditation and commercial establishments and mercantile buildings.
- With experience of 40 years in planning, designing and project execution Of Fire Protection systems as per the requirements of FM specification, TAC requirement, NFPA and NBC codes and practice.
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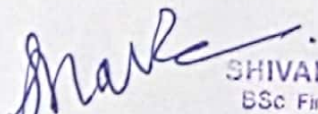
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AUDITOR – Fire & Life Safety

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