

Government of Andhra Pradesh
A.P. State Disaster Response and Fire Services Department
Fire No Objection Certificate for Occupancy

File No: -----/MSB/2024

Date: 17/09/2024

Sir/Madam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - Issue of Fire No Objection Certificate for Occupancy to the existing Hospital building of (_____), _____ - Regarding.

Ref: Online Application Dt. 27-08-2024

Having satisfied with the following reasonable fire safety measures that you have affirmed to have undertaken in your hospital, I hereby grant Occupancy Fire NOC for a period of One year.

1. Ensured two exits for orderly evacuation of patients doctors and staff in case of any fire incident or emergency.
2. Conducted Mock Drill with participation of nurses, doctors and staff. And took signatures of nurses, doctors and staff affirming their familiarity with the equipment and its functioning.

3.Ensured Electrical Safety by observing the following Precautions:

- a. Installation of Miniature Circuit Breakers (MCBs) and to protect high power intensive equipment such as MRI, CATH labs etc.,
- b. No Overloading or every bed to have a power socket in Intensive Care Units..
- c. Electrical wiring to be changed for every ten years, wherever high power consuming appliances such as Air conditioners, MRI machines, ICUs, Scanners, X-ray units etc.,
- d. LED lights in Closed Rooms, Corridors, Staircases connected to inverter (Battery) to ensure well light pathways for Exit or Evacuation inspite of regular power failure in any Emergency.
- e. Grounding/Earthing Shall be done. For details refer IS 3043:1987.
- f. For above 500 bed capacity buildings, it is required to install nonpressurized Aerosol suppression system (or) CO2 flooding system in Electrical Panel Rooms.
- g. Lightening conductors may be provided for high rise buildings exceeding 5 floors.

Let the above be tested and certified by any electrical Engineer without regard to any jurisdiction under employment of Government of Andhra Pradesh once a year.

4.Ensured Oxygen Cylinder Safety by observing the following Precautions:

- a. Appliances containing an open flame (heaters, fireplaces etc) must not be used in any room containing Medical Oxygen.

- b. Never permit any form of lubricant (oil, grease, baby oil, lubricating gel etc.) to come into contact with oxygen fittings or hoses.
 - c. Ensure that compressed Medical Oxygen (Gas) cylinders are not placed near any heat sources.
 - d. Smoking shall not be permitted in any room containing Medical Oxygen.
 - e. The above to be certified by an authorized Civil Engineer.
5. Ensured pressure pumps (ISI) by connecting to normal plumbing system @ each floor and installed adequate number of Co2 or dry chemical powder fire extinguishers.
- 6. Ensured Smoke management by conducting Smoke Test :** In case of fully Air conditioned buildings, in most fire accidents, it is smoke that suffocate and kills. Fully air conditioned buildings are generally sealed and there is no vent for smoke to escape. Therefore, we are mandating smoke management which is ensured through "Smoke Test". (This is not applicable in case of partial air conditional buildings where smoke can easily disperse into air unlike in fully covered buildings)
- a. "Smoke Test" tests to ensure the staircases free from smoke for about 2 hours to enable all nursing staff, doctors and patients to evacuate from the building in case of any fire accident.
 - b. Make sure air conditioner ducts don't compound the problem by carrying smoke to all parts of the building.
 - c. Fire proof materials such as iron doors, iron shutters, thick glass, curtains that can shield smoke can be used.
 - d. Also exhaust fans that are connected to standby power source can be installed to evacuate smoke from staircases or exit paths.
7. Any clarifications, you are welcome to meet the DG, Fire Services (9441236448) Without appointment in his office as ensuring fire safety with better and affordable technology is a continuous learning and collaborative endeavour.

Your Sincerely,

Director General
State Disaster Response & Fire Services
Andhra Pradesh, Vijayawada.

To

The Management of _____, _____

Copy to the District Medical & Health Officer, Concerned.