

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

Rc. No:24614/PPM/MSB/2025

Date: 8-04-2025

Sir/Madam,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department Issue No Objection Certificate for Occupancy to the existing Residential building of M/s Ekalavya Model Residential School (Co.Ed), Gummalaxmipuram, Parvathipuram, Manyam, Pravathipuram-Regarding.

Ref: 1. Application Date:- 09/01/2025

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It is to inform that the management have applied for Fire No Objection Certificate for Occupancy on 09-01-2025 to the existing Residential building for M/s Ekalavya Model Residential School (Co.Ed), Gummalaxmipuram, Parvathipuram, Manyam, Pravathipuram. I hereby grant Occupancy Fire NOC for a period of One year.

**1) The Building:**

The building is a hostel building with 03 blocks.

- i. Ekalavya Model Residential School Phase-II (Type-1) Ground + 02 upper floors.
- ii. Ekalavya Model Residential School Phase-II (Type-2) Ground + 01 upper floor.
- iii. Ekalavya Model Residential School Phase-II (Type-3) Ground + 01 upper floor.

**2) Root causes of Fire:**

- (a) Electrical Short Circuit.
- (b) Kitchen with Gas Cylinders.

**3) Therefore, the following prevention precautionary measures are recommended.**

**i) Ensure Electrical Safety :**

- a) Install MCBs (Miniature Circuit Breakers)
- b) Use FRLS cables.
- c) Proper grounding and lightening protection.
- d) Install Co<sub>2</sub>/clean agent /Aerosol automatic flooding system in all electrical panels.

**ii) Ensure Kitchen Safety:**

- a) Piped LPG or Flameless cooking or electrical cooking.
- b) Kitchen shall be separated from other areas with minimum one hour fire rated wall.
- c) Smoke Exhausts.
- d) Periodic checking of LPG pipes and stoves by authorized Mechanic.

**iii) Ensure Exits:**

- a) Minimum two Staircases widely separated from each other for all floors. They should be pressurized and automatically closed type to provide "Smoke free" passage to all occupants of the building in case of any accident.



**iv) Installation of Fire Detection and Alarm Systems:**

The Residential building be equipped with fire alarms and smoke detectors, particularly in high-risk areas.

**4) Fire Fighting Tools:**

These tools to be useful to the occupants of the building during "Golden hour" to put off initial fires without any training, before the fire engine arrives.

**a) Co2 Extinguishers:**

- 4.5 Kg Co2 Fire Extinguishers are to be provided for every 100 Sqm in clearly marked, visible and accessible locations.

**b) Water Availability:**

- 5 HP Plunger pumps with wheels are to be provided in each floor, connected to gravity water pipeline properly put in a visible, marked and in an accessible box. These pumps to be energized by normal electrical power and emergency power backup.
- Normal overhead tank can be used for Fire Fighting by letting fire pipe outlet @ bottom and normal water use pipeline @ middle to ensure minimum water availability for firefighting.

**5) How the above fire safety design is helpful in case of Fire accident?**

In case of fire, alarm gets sounded in all parts of the building and public announcement of "not to panic.... and evacuate safely through staircase".. is made. The Occupants can run/walk to nearby staircases @ every floor and can breath fresh air.

- The origin of fire in Residential buildings is mostly due to electrical short circuits and the preventive measure such as MCBs in each floor, Fire resistant cables will prevent such fires from happening in the first place. The initial small fires can also be put off by available Co2 extinguishers.
- In case of fire, the Co2 Extinguisher will be used to extinguish the fire. And those available in the places may also be utilized.
- Initial fire during "Golden Hour" can be put off by using ISI certified 5 HP Plunger pumps. These pumps can be easily handled by any staff/workers without any special training.

Therefore, this building meets the "reasonable fire safety criteria" as envisaged in NBC and hence the No Objection Certificate for Occupancy is issued.

- As a Policy, no retrospective application of rules shall be made for this building as long as they comply with that NOC requirements till the life of the building.
- If you experience any undue hardship or practical difficulty in implementing any of the above suggested requirements, please don't hesitate to meet in person without appointment (9441236448), as ensuring fire safety with better and affordable technology is a continuous learning and collaborative endeavor.

Yours sincerely,

Director General

State Disaster Response and Fire Services,  
Andhra Pradesh, Vijayawada.

To

The Management of M/s Ekalavya Model Residential School (Co.Ed), Gummalaxmipuram, Parvathipuram, Manyam, Pravathipuram.

Copy to the Municipal Commissioner, Concerned.