

*Smoke Detectors  
Save Lives*



*Learn Not  
To Burn*

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**ST MATTHEWS  
Fire Protection District**

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(502) 893-7825

**Nicholas J. Clark  
Fire Chief**

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**Construction Fire Safety Requirements**

The following guidelines are excerpted from the KY Building Code, 2018 edition; International Fire Code, 2012 edition; NFPA 241, 2013 edition; NFPA 51B, 2009 edition; KY Standards of Safety, 815 KAR 10:060; Chapter 94, Louisville Metro Ordinance. Compliance with these guidelines does not exempt any entity from required compliance with the entirety of the above codes, or any other applicable code.

**OWNER / CONTRACTOR RESPONSIBILITY**

- The owner / contractor shall designate a person as the Fire Safety Program Manager. Who shall be responsible for the fire prevention program through completion of the project.
- The Fire Safety Manager will develop a pre-fire safety plan in cooperation with the St. Matthews Fire Department.
- The Fire Safety Manager will be responsible for training on-site personnel in the use of fire equipment and making sure a fire protection equipment if properly maintained.
- The Fire Safety Manager shall schedule a fire watch during and after any hot work is performed.

Please review this document and sign below. By signing this document, the applicant agrees to comply with the attached guidelines and the entirety of the above listed codes during construction at the project site listed.

Applicants Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Project: \_\_\_\_\_ Address: \_\_\_\_\_

Designated Fire Safety Manager: \_\_\_\_\_

## **GENERAL PRECAUTIONS**

- *WASTE DISPOSAL*
  - Combustible debris shall not be accumulated within buildings
  - Combustible debris, rubbish and waste material shall be removed from buildings at the end of each work shift
  - Materials susceptible of spontaneous ignition, such as oily rags, shall be stored in a listed disposal container
- *SMOKING*
  - Shall be prohibited except in designated areas with approved ashtrays
  - “No Smoking” signs shall be posted on each floor
- *COOKING*
  - Cooking with open flame devices or hot plates is prohibited inside the structure.

## **FIRE EXTINGUISHERS**

- At least one fire extinguisher (minimum size “2A:10BC”), shall be provided as follows:
  - Each stairway on all floor levels where combustible materials have accumulated
  - In every storage or construction shed or trailer
  - Additional extinguishers shall be provided for storage of flammable/combustible liquids or gases

## **TEMPORARY HEATING**

- Temporary heating devices shall be listed and operated in accordance with their listing.
- LP-Gas heaters shall be located at least 6 feet from any LP cylinder (except for integral heater/cylinder units)
- Blower and radiant type heaters shall not be directed at any LP cylinder within 20 feet.
- Clearance from combustibles shall be maintained in accordance with manufacturer requirements
  - Frequent checks shall be conducted to ensure proper clearance is maintained
- LP gas cylinders must be secured and protected from damage at all times.

## **FLAMMABLE AND COMBUSTIBLE LIQUIDS**

- Storage is allowed in approved DOT containers or in listed flammable liquid storage cabinets.
- Sources of ignition and smoking are prohibited in flammable and combustible liquid storage areas. “NO SMOKING” signs shall be posted.
- Storage areas shall be maintained clear of combustible materials and vegetation.

## **MEANS OF EGRESS**

- Where a building has been constructed to a height greater than 50 feet, or four stories (and in buildings undergoing alterations that or higher than 50 feet or 4 stories), at least one temporary lighted stairway shall be provided unless one or more of the permanent stairways are erected as the construction progresses.
- Required means of egress shall be maintained during construction, demolition, remodeling or additions to any buildings.
- Temporary floor signs shall be provided in any stairway connecting 3 or more floors, indicating the floor number, roof access, and direction to exits.

## **CUTTING AND WELDING**

- Operations shall be done in accordance with the International Fire Code, Chapter 35
- A fire watch shall be maintained for the duration of the work and for 30 minutes after the work is finished.
- For torch applied roofing operations, the fire watch must be maintained for 2 hours after work completion.

## **FIRE DEPARTMENT FEATURES**

- *FIREFIGHTING WATER SUPPLY* – Must be established around and on site prior to combustible materials arriving on the site.
- *VEHICLE ACCESS FOR FIREFIGHTING* – Shall be provided to all construction or demolition sites. Vehicle access shall be provided to within 100 feet of temporary or permanent fire department connections
- *STANDPIPES* – In buildings required to have standpipes, not less than one standpipe shall be provided for use during construction. A temporary or permanent standpipe is required when the building reaches 40 feet in height. The standpipe will be extended floor by floor as the building's height increases. The standpipe will be provided with Fire Department approved hose connections at each level adjacent to usable stairs. A hose connection shall be within one floor of the highest point of construction having secured decking or flooring.
- *SPRINKLERS/FIRE ALARM* – The building cannot be occupied until the fire sprinkler system and/or the fire alarm system has been tested and certified.