

**MCKINNEY FIRE DEPARTMENT
FIRE MARSHAL'S OFFICE**

HOT WORK

These guidelines are to be followed when a person, group, or organization proposes to perform hot work, cutting or welding outside or a structure within the incorporated limits of the City of McKinney, in accordance with the provisions of Section 105.6.11 and the 2015 International Fire Code Chapter 35, Welding and Other Hot Work.

Note that a Hot Work Permit is only required when the City of McKinney has instituted a Burn.

PERMIT REQUIREMENTS

1. A Hot Work Permit shall be issued by the McKinney Fire Department PRIOR to beginning any hot work

HOT WORK SITE

Shall be inspected by the designated individual noted on the permit prior to commencement of any hot work operations, and shall consist of the following

2. Notify on-site or facility personnel that hot work is about to be conducted.
3. Operators of hot work shall be capable of performing such operations safely.
4. Prior to commencement of hot work operations, the site is inspected to ensure that it is a safe to do so.
5. Clear of all combustible materials or take appropriate steps to ensure combustible materials are shielded from all sparks, slag, flame and/or heat from igniting exposed combustibles.
6. Grade shall be kept clean within the hot work area.
7. Visible hazard identification signs shall be provided. If hot work is accessible to anyone other than the operator of the hot work equipment, warning signs stating "CAUTION – HOT WORK IN PROGRESS – STAY CLEAR" shall be posted.
8. A minimum of one (1) 2A-20BC fire extinguisher is provided within 30 ft. of the hot work location.
9. Hot work shall not be conducted areas in which flammable liquids, vapors or dusts are at risk of ignition from sparks, flame or heat.
10. Oxygen and fuel-gas cylinders and acetylene generators shall be located away from hot work areas to prevent the cylinders or generators from being heated by sparks or misdirection of the flame.
11. Openings or cracks in walls, floors, ducts or shafts within the hot work area shall be tightly covered to prevent the passage of sparks to adjacent combustible materials.

FIRE WATCH REQUIREMENTS

A Fire Watch shall be provided for all hot work operations and shall comply with the following:

12. Be physically capable and willing to walk the area during the duration and after the hot work.
13. Shall be provided during all hot work activities and shall continue for a minimum of 30 minutes after the conclusions of the work.
14. Individuals assigned to the fire watch duties shall have a fire extinguisher readily available and shall be trained in the proper use of a fire extinguisher.
15. Be equipped with a method of communication to contact 9-1-1 upon discovery of a fire that cannot be contained by on-site personnel, and have specific instructions to call 9-1-1 for assistance before the fire gets away from the hot work operators.