



SHAKER HEIGHTS

Welding, Cutting and Hot Works

*This checklist serves as a general safety guideline for the applicable permit. Permit holders are responsible for adhering to all sections of the Shaker Heights Fire Prevention Code and the Ohio Fire Code pertaining to the conditions for issuance of this permit. Failure to do so is cause for the permit to be revoked and fines and/or penalties to be imposed.

- Hot work shall only be conducted in previously approved areas & shall not be conducted in the following areas: Where the sprinkler system is impaired, explosive atmospheres and near highly combustible materials (OFC 3501.3).
- Shielding shall be provided to protect nearby combustibles (OFC 3504.1.1).
- Openings in walls, floors, ceilings, etc. shall be covered to prevent the passage of sparks (OFC 3504.1.2).
- Approved precautions shall be taken to avoid the accidental operation/discharge of fire detection and suppression systems. Sprinkler protection shall not be shut off (OFC 3504.1.8, 3504.1.9).
- A fire watch shall be conducted during hot work and for not less than 30 minutes after completion of hot work (OFC 3504.2).
- Fire Extinguishers: A minimum size 2A20BC extinguisher shall be stationed within 30 feet of the hot work. Fire extinguishers shall have current inspection tags (OFC 3504.2.6).
- Oxygen and fuel-gas cylinders and acetylene generators shall be located a safe distance away from hot work (OFC 3505.5).
- Cylinders located on carts shall be secured to the cart. Cylinder valves shall be closed when work is finished and before moving the cart (OFC 3505.2.1).

OFC – [Ohio Fire Code](#)