

HOT WORK PREVENTION PRECAUTION CHECKLIST

- The automatic sprinkler system and other fire safety equipment, if present, must be in service and fully operational. Approval by EHS is required for disconnecting any equipment.
- Provide manual firefighting equipment appropriate for area hazards.
- The hot work equipment must be in good condition.
- Separate hot work operations from combustibles by at least 35 feet of open space to isolate fuels from sparks. Within the area:
 - Clear floors of dust, debris and grease or oils.
 - If the floor is made of combustible materials, it must be covered with a fire-resistant tarpaulin.
 - Remove flammable liquids like paints, oils, and lacquers
 - Combustibles must be removed from the work area or covered with a fire-resistant tarpaulin. This includes storage or machinery with grease or lint deposits.
 - Cover wall and floor openings. Floor openings should be plugged with a Factory Mutual Research Corporation (FMRC) approved fire-stop material.
 - Ductwork and duct openings are sealed with metal covers built for the vent, or covered with fire-resistant tarpaulins. Because ductwork can potentially circulate smoke and fire through a facility, it is best to shut the ventilation system down while the hot work is done. Caution must also be taken because, ductwork may be dusty and/or contain combustible insulation material.
 - If hot work is conducted near the ceiling, then fire-resistant tarpaulins should be suspended beneath the work to trap sparks.
 - If hot work is to be done near a combustible wall, then it should be shielded from sparks with fire-resistant tarpaulins.
 - If hot work is to be done on a non-combustible wall, such as a metal wall or partition, then the opposite side of the wall must be cleared of combustible materials. Due to conduction or radiation of heat, there is a risk of fire in the adjacent area. If combustible materials cannot be relocated from the adjacent area, then a second fire watch shall be assigned to that area.
 - Hot work done on or near pipes shall be examined for the possibility of conduction of heat to other areas which may have ignition sources.
- The potential for explosive atmospheres must be considered, so either eliminate the explosive atmosphere or the work will be prohibited. Shut down any processes that produces explosive atmospheres and continuously monitor the ariea for accumulation of combustible gases before, during and after hot work.
- All doors must be closed to prevent sparks from escaping.
- For hot work on vessels or boilers, use only qualified and trained professionals.

Signed by: _____ Date: _____
Responsible Party

EHS Signature: _____ Date: _____