



Health and Safety Guideline for Hot Work Processes

EH&S approval on a Hot Work Permit does not have to be in writing. The requester usually just notifies EH&S by phone and then lists any EH&S requirements on the Permit form. The following considerations should be followed at all times during hot work operations on campus:

1. Hot work typically evolves fumes from welding, cutting or soldering. If the work is done outdoors, we require that measures be taken, if necessary, to prevent the re-entry of air contaminants into buildings. Therefore, the requester needs to be aware of building opening locations such as air intakes, operable windows, doors, etc. If the hot work is done inside an occupied building, the worker must provide fume control or removal by using a smoke eater, exhaust ventilation or another method.
2. If welding is done in an area where passersby might be able to view the flash, a vision screen must be utilized.
3. Fire protection issues such as fire watch, combustibles in the area, fire detection devices, etc. are handled by Facilities Management in their portion of the permit approval.