

SAFETY AND HEALTH STANDARD WELDING REPAIRS and MODIFICATIONS HOT WORK PERMIT

Effective Date: 2/4/2015

Standard: 16.1

Document Number: KUCSH0040

Rev: 06

to be free of flammable gasses by a flammable gas detection device, prior to and at frequent intervals during the application of heat.

- 16.1.3.7 Before and during hot work in a confined space appropriate tests of the atmosphere shall be made by a qualified person (See Standard 16.2). A risk assessment must address the appropriate ventilation and respiratory protection.
- 16.1.3.8 Hot work on rubber lined vessels and pipes or directly overhead of conveyer belts require extraordinary caution to prevent ignition of the lining or belting material. Also, special precautions must be taken while performing hot work near fiberglass materials. Procedures for hot work on these types of structures must be evaluated by the Safety Department and appropriate management personnel prior to the start of work.
- 16.1.3.9 The employee requesting the Hot Work Permit will:
- o Inspect the hot work equipment to confirm that it is in good condition.
 - o Remove combustible materials (where practical) for a radius of 35 feet from the point of work.
 - o Cover any non-removable combustible materials with flameproof covers or ensure that they are wet and there is a source of water available.
 - o Have a fully charged and operable fire extinguisher of the appropriate type and size available at the work site.
 - o Communicate to all personnel involved the location of the nearest fire alarm or procedure for reporting a fire and the evacuation procedure.
- 16.1.3.10 The person issuing the Hot Work Permit will:
- o Inspect the site and confirm that the above items have been completed.
 - o Designate which (if any) additional precautions must be followed including:
 - Ventilation
 - Respiratory protection
 - Special personal protective equipment
 - o Sign and date the Hot Work Permit.

SAFETY AND HEALTH STANDARD WELDING REPAIRS and MODIFICATIONS HOT WORK PERMIT

Effective Date: 2/4/2015

Standard: 16.1

Document Number: KUCSH0040

Rev: 06

REVISION HISTORY:

MOC#	Description of Change	Prepared By	Date
12305	Review and update including defining fire watch requirements and updating permit. Updated format and Document number added.	KUC Safety and Health Standards Committee	06/10
20406	Review and update including a requirement for the fire watch to sign the permit in response to a CRA Fire Risk Report finding- "Expand the Kennecott Hot Work Permit program to include a fire watch sign-off". Also, include the requirements from the 16.23 Welding Repairs and Modification Standards and delete the standard.	KUC Safety and Health Standards Committee	09/12
27668	Review and update – permit including language around fire watch	RTKC Safety and Health Standards Committee	12/14

