

Hot Work Standard

AGL-HSE-STD-007.3.1

The scope of this standard applies to all AGL employees and contractors engaging in hot work tasks.

The controls provide a direct linkage between this standard and the Risk and Control Matrix. The Hot Work Methodology AGL-HSE-SDM-007.3.1 provides further explanation of how to achieve the minimum controls.

The underlined minimum controls below have been identified as being critical controls.

RCM Ref	Minimum Controls
Identifying Hot Work Tasks	
7.3.1.1	A process must be in place to identify hot work activities at AGL controlled sites.
Assessing Hot Work Tasks	
<u>7.3.1.2</u>	<u>For all identified hot work tasks a Risk Assessment must be completed, in accordance with the AGL HSE Risk Management Standard (AGL-HSE-STD-004.1), prior to the work being undertaken.</u>
Permit to Work	
<u>7.3.1.3</u>	<u>The AGL Safe System of Work Framework (AGL-HSE-FMK-004.3) is to be adhered to prior to the commencement of any hot work activities).</u>
Implementing Controls for Hot Work Tasks	
<u>7.3.1.4</u>	<u>If a fire suppression or detection system is required to be isolated during a hot work task, a fire watcher must be appointed.</u>
7.3.1.5	At the completion of the hot work the area must be inspected by the person carrying out the hot work to make sure the area is safe, this includes using a fire watcher for a duration determined by a risk assessment (the fire system must be restored if it was isolated to allow the hot work to proceed).
7.3.1.6	The Personal Protective Equipment that must be worn for hot work tasks must include protective eyewear, steel cap boots, gloves, long sleeve shirts and long pants.
Managing Hot Work in Hazardous Areas	
<u>7.3.1.7</u>	<p><u>For all hot work tasks carried out in Hazardous Areas:</u></p> <ul style="list-style-type: none"> • <u>Personnel carrying out the hot work tasks must not work alone (i.e. a Safety Observer/Fire Watcher must be appointed);</u> • <u>Testing for oxygen levels and contaminants must be considered prior to entry;</u> • <u>Monitoring of atmosphere must be carried out for the duration of the hot work task;</u> • <u>Flammable liquids, fuels and cleaning agents must not be used;</u> • <u>Only equipment and tools which have been authorised by the AGL controlled site are allowed to be used; and</u> • <u>All required isolations must be in place prior to commencement of the hot work task.</u>

RCM Ref	Minimum Controls
Emergency Preparedness and Response	
7.3.1.8	All hot work tasks must be considered within the relevant Emergency Response Plans and make provision of adequate fire control equipment suitable for the location and task (e.g. fire extinguishers, fire blankets, fire hose reel or fire hydrants).
Training and Competency Requirements	
<u>7.3.1.9</u>	<u>Hot work tasks must only be undertaken by a competent person who has received training or instruction on how to perform the task safely, including hot work task risk management, the use of hot work apparatus and safe work procedures.</u>
7.3.1.10	Personnel required to carry out the role of Safety Observer/Fire Watcher during hot work tasks must be suitably competent and authorised to do so.

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