

HOT WORK

1 INTENT

To ensure the health, safety, and environmental (HSE) risks associated with Hot Work activities are effectively managed, to so far as reasonably practicable.

All Supervisors and Designated leads are responsible for implementation and compliance with this Standard.

Contractors must meet or exceed the requirements of this Standard applicable to their work scope

2 REQUIREMENTS

CS Energy shall ensure that processes are implemented and maintained to comply with relevant legislation, Codes of Practice and Permit to Work requirements.

Key Safety Measures include:

Hot work must only be carried out within a designated hot work area unless authorized by a permit and supported by a hot work control checklist.

Before conducting hot work, appropriate risk assessments must be completed, and controls must be implemented and managed in line with the hierarchy of controls.

Install protective barriers around and below hot work areas to prevent unauthorised or inadvertent access by workers or vehicles operating in the vicinity.

If sparks may spread or there is a risk of re-ignition in areas containing flammable material or substances, a fire watch arrangement must be in place supported by emergency plan.

Ensure all equipment is fit for purpose, inspected and that gas cylinders stored upright at all times.

3 DEFINITIONS

Hot work includes:

- fire or spark producing activities
- introduction of a non-certified ignition source into a classified hazardous area
- activities within a hazardous area that have the potential to cause a release of gas in that hazardous area
- activities within a hazardous area that have the potential to cause a large dense dust cloud in the hazardous area.

Examples include:

- welding, grinding, heating, thermal, friction or oxygen cutting
- taking / using communication devices, combustion engines, torches, battery or mains powered tools in a hazardous area
- maintenance of a gas pipeline valve on-line that could create an explosive gas atmosphere
- Air-arc cutting a liner creating a large dust cloud.