

## HAZARDOUS CHEMICALS

### 1 INTENT

To ensure the health, safety, and environmental (HSE) risks associated with Hazardous Chemical 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 ensure compliance to relevant legislation, Code of Practice and Permit to Work requirements.

All hazardous chemicals and dangerous goods must undergo a risk assessment and receive approval from the site Chemical Coordinator before they can be used or stored on-site. All approved chemicals will be recorded on ChemAlert in the relevant site register.

Vessels, containers, and pipes containing hazardous chemicals must be clearly labelled, including when chemicals are decanted.

All chemicals must have a current SDS, which must be consulted before use, in a location near the works being undertaken.

Automated systems should be used where feasible to reduce direct handling of hazardous chemicals.

Protection measures must be in place using design controls, barricading, signage, and preventative maintenance regimes.

#### Storage Requirements:

- Chemicals must be stored in line with compatibility guidelines and SDS requirements.
- Chemicals must not come into contact with incompatible materials.
- Sufficient bunding must be provided to contain potential spills or leaks.

Chemicals must be disposed of in accordance with the SDS and site environmental processes.

Plumbed eye wash stations and safety showers **should** be installed in areas where workers may be exposed in the event of a spill during transfer operations.

### 3 DEFINITIONS

Hazardous chemicals include substances, mixtures, and articles that pose a significant risk to health and safety if not properly managed. These chemicals may present health hazards, physical hazards, or both.

Dangerous Goods are substances, mixtures, or articles that pose a significant risk to health, safety, property, or the environment due to their hazardous properties. These goods may be explosive, flammable, toxic, infectious, corrosive, or radioactive.

Dangerous goods are classified into nine categories:

• Explosives	• Toxic & infectious substances
• Gases (flammable, non-flammable, toxic)	• Radioactive materials
• Flammable liquids	• Corrosive substances
• Flammable solids	• Miscellaneous hazardous materials
• Oxidizing substances & organic peroxides	