



Hazardous materials

1. INTENT

This standard identifies the controls required to manage the risks involved when personnel use, transport, store and dispose of hazardous materials.

2. APPLICATION

This Standard applies to all Perenti projects. Hazardous Materials in this standard includes but is not limited to any chemical, biological or radiological material with potential to cause harm to personnel.

3. REQUIREMENTS

3.1 PEOPLE

- Personnel required to work with hazardous materials must be provided with information, training and instruction with regard to:
 - the use of the material/s;
 - the personal protective equipment and clothing required to handle the material/s;
 - correct storage of the material/s;
 - the labelling of containers;
 - any health monitoring which may be required;
 - the arrangements in place to deal with an emergency or spill;
 - the availability and accessibility of the Safety Data Sheets (SDS);
 - cleaning up and disposal of hazardous materials;
 - How to correctly report spills and who to contact.
- Information about hazardous materials must be included in the induction training program for new personnel.
- Health monitoring programs will be undertaken for workers exposed to hazardous materials as determined by risk assessment or as a result of an OEL monitoring programme.

3.2 SYSTEMS AND PROCEDURES

- The risks associated with using, handling, transporting and storing hazardous materials in the workplace must be identified and recorded in the project specific risk assessment.
- Each project must have a hazardous material register that lists all hazardous materials used in the workplace. The register must include the following information for each hazardous material:
 - name;
 - storage locations;
 - maximum quantity stored at on site at any given time (stock holdings);
 - risk assessment outcomes covering the full life cycle from acquisition to disposal.

- The hazardous materials register must be readily accessible to all workers and others who are involved in using, handling, transporting and storing hazardous materials and anyone else who is likely to be affected by the hazardous material used at the work site.
- Safety Data Sheets (SDS) in hard copy are to be kept in a location that is readily accessible to all workers and others who handle or may be exposed to a hazardous material.
- SDS must also be readily accessible to emergency services and medical personnel when required.
- A procedure must be developed and implemented to ensure all hazardous materials are risk assessed and approved prior to purchase and despatch to site.

3.3 PLANT AND EQUIPMENT

- All hazardous materials must be stored as per the recommendations of the SDS, the Australian Dangerous Goods Code or relevant Australian Standard.
- Each storage location must have the appropriate warning signs and Globally Harmonised System (GHS) pictograms.
- Any pipework containing hazardous materials must be labeled.
- Emergency response (e.g. deluge systems, fire extinguishers, spill containment kits) and first aid equipment (e.g. eye wash stations, emergency showers, first aid kits) must be installed or made available as required by the project risk assessment and local legislative requirements.
- The requirements of the GHS segregation chart must be applied to all storage locations to ensure hazardous materials are appropriately isolated, separated or segregated.