



**Australian Government**

# **Assessment Requirements for PSPRAD001 Work safely in a radiation environment**

**Release: 1**

# Assessment Requirements for PSPRAD001 Work safely in a radiation environment

## Modification History

Release	Comments
1	<p>These Assessment Requirements were released in PSP Public Sector Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none"><li>• Assessment Requirements created drawing upon specified assessment information from superseded unit</li></ul>

## Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- following required radiation protection and safety procedures
- following radiation safety signs
- regularly assessing and reassessing risks and hazards and applying required control measures
- recognising dose limits
- using and caring for PPE and personal monitoring equipment that has been issued for assigned work tasks
- responding correctly when encountering contaminated work surfaces and personnel

## Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- responsibilities of employers and employees under:
  - relevant Commonwealth guidelines, including RPS No.1
  - state or territory legislation and local regulations and by-laws
  - duty of care obligations
- radioactive decay, radioactive material, ionising radiation, shielding, safe distance, contamination, contamination controls, decontamination
- types and properties of ionising radiation

- relevant occupational dose limits
- sources of hazardous radiation around the site and degree of risk of exposure or contamination
- internal and external exposure pathways and protective measures
- radiation health effects
- location of controlled or supervised areas within the site
- layers of protection:
  - avoiding exposure, where practicable
  - isolating sources of radiation where practicable through shielding, containment and remote handling techniques
  - engineering controls
  - adopting safe work practices, including work methods which make appropriate use of time, distance and shielding to minimise exposure
  - using approved PPE where other means of controlling exposure are not practicable
- personal hygiene requirements, and effects and implications of risky behaviours
- safe working rules and safe operating procedures for equipment
- safety signs relevant to assigned tasks
- use and care of PPE and personal monitors for assigned tasks

## Assessment Conditions

This unit contains no specific industry-mandated assessment conditions. Guidance on suggested and recommended conditions and methods can be found in the Implementation Guide.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bebbece7-ff48-4d2c-8876-405679019623>

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