



Australian Government

Assessment Requirements for PSPRAD002 Work safely with radioactive ores and minerals

Release: 1

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Modification History

Release	Comments
1	These Assessment Requirements were released in PSP Public Sector Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

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 the organisation's information about radiation protection and safety
- regularly assessing and reassessing risks and hazards and applying appropriate control measures
- applying standard operating procedures and specified safe working rules for assigned tasks
- seeking advice and further directions when faced with unexpected situations that may require decisions or response actions beyond own technical competence
- using and caring for PPE and personal monitoring equipment required in job role

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, subcontractors and employees under:
 - Commonwealth guidelines, including RPS No.9 Code of Practice and Safety Guide for Radiation Protection and Radioactive Waste Management in Mining and Mineral Processing (2005)
 - state or territory legislation and local regulations and by-laws
 - duty of care obligations
- radioactivity, radioactive material, naturally occurring radioactive material (NORM), ionising radiation, contamination, contamination controls, shielding, half-life, and safe distance

- types and properties of ionising radiation, particularly radiation associated with uranium, thorium and decay products
- relevant dose limits
- sources of hazardous radiation and
- changes in risk of exposure and/or contamination due to factors including weather, time of day
- location of controlled or supervised areas within site and working rules for each
- internal and external exposure pathways and protective measures
- signs and symptoms of radiation exposure, radiation health effects
- techniques for assessing radiation hazards likely to be encountered in job role
- application of the hierarchy of control measures, including:
 - 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, and effects and implications of risky behaviours
- health, safety and workplace emergency response procedures
- safe working rules and safe operating procedures for equipment
- safety signs relevant to job role
- use and care of PPE and monitoring equipment for job role and assigned tasks
- potential adverse health and performance effects of wearing PPE while working in potentially hazardous environments
- principles and techniques for decontamination of personnel and equipment
- procedures for the disposal of contaminated waste

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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