



Australian Government

**Assessment Requirements for UEPOPS345
Implement dam safety surveillance
procedures**

Release: 1

Assessment Requirements for UEPOPS345 Implement dam safety surveillance procedures

Modification History

Release 1. This is the first release of this unit of competency in the UEP Generation Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and includes:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
 - safe working practices
- collecting, processing and analysing data
- communicating with personnel
- completing dam safety surveillance reports using documentation procedures
- implementing legislation, industry standards, codes of practice and regulations
- inspecting dams
- interpreting manufacturers' specifications and manuals
- planning for dam surveillance
- reading dam drawings, plans and charts
- undertaking dam safety surveillance
- using equipment and instruments including testing and recording equipment

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions and includes knowledge of:

- dam design principles
- dam, types and characteristics including
- data collection methods and techniques
- hydro power plant and equipment, its location and operating parameters
- legislation, industry standards, codes of practice and regulations

- manufacturers' specifications and manuals
- required responses to dam surveillance findings
- surveillance of dams
- test and record equipment
- typical arrangements of hydro power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
 - safe working practices
- workplace documentation
- workplace policies and procedures

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>