



**Australian Government**

**Assessment Requirements for  
NWPGEN034 Operate and maintain flood  
warning sites**

**Release: 1**

# Assessment Requirements for NWPGEN034 Operate and maintain flood warning sites

## Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

## Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and include:

- completing instrument maintenance and testing
- completing reports and sharing with relevant agencies
- completing work health and safety (WHS) preparation and risk assessments
- confirming correct operation of water level and rainfall equipment
- determining the correct personal protective equipment (PPE) for work requirements, including road safety signage
- identifying system components
- interpreting information from agencies, including relevant infrastructure standards purpose for flood warning sites
- reading datums and interpreting benchmarks
- testing and maintenance of direct current (DC) power supply
- using communication systems to interpret and determine work requirements.

## Knowledge Evidence

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

- asset ownership
- camera specifications
- datums and Australian Height Datum (AHD) benchmarks
- different designs of gauging stations
- different types of communication/telemetry systems
- different types of tipping bucket rain gauges
- different types of water level monitoring technologies
- electronic communication systems
- relevant information from agencies, including infrastructure standards purpose for flood warning sites
- relevant WHS legislation
- relevant workplace procedures

- traffic management signage.

## Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual workplace conditions.

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.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, facilities, equipment and PPE currently used in industry
- applicable relevant 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=26336bc0-04e5-49d9-8c31-46c49b6a0037>