



**Australian Government**

**Assessment Requirements for NWPNET052  
Monitor and operate wastewater collection  
and transfer systems**

**Release: 1**

# Assessment Requirements for NWPNET052 Monitor and operate wastewater collection and transfer systems

## 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 includes:

- completing relevant workplace documentation
- controlling system operations and optimising processes
- identifying and reporting system and process faults
- measuring wastewater flows
- monitoring and coordinating the operation of wastewater collection and wastewater transfer systems
- monitoring the system and collecting, analysing and reporting data
- responding to and correcting operational problems.

## 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:

- control systems
- coordination and control of processes
- discharges
- disinfection and chemical use
- effects of weather and conditions on operation of collection and transfer systems
- environmental aspects of wastewater collection and transfer systems
- equipment operation
- forces including gravitational, valve operation, hydraulic and pumps
- infiltration and inflow sources
- relevant legislation, regulations and workplace procedures
- relevant utilities and service bodies
- risk management principles
- types of pipes and fittings.

## 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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures 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>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>