



Australian Government

Assessment Requirements for NWPGEN033 Sample and test trade wastewater

Release: 1

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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:

- applying labels to samples and prepare appropriate documentation for external analyses
- conducting appropriate manual grab samples
- conducting at least two types of trade waste tests on-site according to job specifications
- conducting hazard and risks assessments
- identifying necessary equipment and resources for sampling and testing
- identifying which parameters can be analysed in-field and which need laboratory testing
- maintaining a safe work environment
- planning working activities
- selecting appropriate sampling containers and preparing documentation
- setting up sampling, flow measuring (if applicable) and recording equipment according to manufacturer specifications
- using field test kits

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 include knowledge of:

- characteristics of trade waste discharges from regular business types
- hazards associated with collection of trade waste samples
- range and purpose of trade waste quality testing and sampling
- range of requirements in order to gain access to worksites
- relevant legislative and organisational requirements
- relevant policies and procedures including chain of custody and required laboratory accreditations
- relevant sampling calculations
- relevant standard methods for testing of water
- sample methods including:
 - grab sample; manual or automatic

- time-weighted or flow weighted composite sampling
- trade waste sample preparation requirements including:
 - appropriate containers
 - disposal procedures for excess trade waste samples
 - documentation and transportation procedures for trade waste samples including labelling
 - equipment
 - location selection
 - preservation
 - prevention of contamination
 - sampling and testing requirements
 - volume of sample
- trade waste volumes
- water quality parameters of significance to a range of trade waste discharges
- workplace recording requirements

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>