Assessment Requirements for NWPNET018 Disinfect network assets

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:

- conducting risk assessment
- handling of chlorine in different forms, including at least one of the following forms:
  - liquid
  - solid
- operating analytical equipment
- operating and maintaining chemical dosing equipment
- operating system valves
- operating network mains
- performing calculations
- performing chemical dosing on at least one of the following network assets:
  - bores
  - network mains and services
  - network storages
- using maps and diagrams

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:

- chemical dosing
- chlorine handling techniques in at least one of the following forms:
  - gas
  - liquid
  - solid
- interrogation of supervisory control and data acquisition (SCADA) system
- network assets including:
  - bores

  - network mains and services
  - network storages
- principles of chlorination and chloramination
- relevant legislation, regulations and workplace procedures
- safe limits of disinfectant residual
- water chemistry
- water network operation

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

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