



Australian Government

Assessment Requirements for NWPTRT006 Monitor and operate fluoride addition processes

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:

- calculating average fluoride concentrations
- collecting and reporting process data
- collecting process samples and determining fluoride residuals
- completing documentation
- determining work requirements
- identifying and reporting control system faults and operational problems
- identifying and reporting hazards
- interpreting and following safety data sheets (SDS)
- performing fluoride chemical dosing calculations
- preparing and applying fluoride dosing safely
- selecting and using appropriate tools and equipment, including personal protective equipment

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:

- automatic feed rate control systems
- fluoride addition points
- fluoride dosing processes and calculations
- fluoride sampling and record keeping
- fluoride system layout
- policies and workplace procedures for fluoride processes
- properties of fluoridation chemicals
- relationship of fluoridation to public health
- relevant legislation, regulations and workplace procedures
- risk factors and potential hazards associated with fluoridation
- safe handling of fluoride compounds with reference to safety data sheets

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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