



Australian Government

Assessment Requirements for NWPTRT026

Monitor and operate ozone processes

Release: 1

Assessment Requirements for NWPTRT026 Monitor and operate ozone processes

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:

- collecting process samples and performing standard tests including at least one of the following:
 - exhaust gas ozone concentration
 - ozone residual level in water supply
- collecting and reporting process data
- generating and applying ozone dosing safely
- identifying control system faults
- identifying hazards
- interpreting safety data sheets
- monitoring ozone treatment processes
- performing work-related ozone calculations
- 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
- hazardous substances handling
- microbiological guidelines
- operation, capacity and limitations of ozone generation equipment
- ozone properties including:
 - chemistry
 - calculation
 - dosing processes
 - system layout
- impact of pH
- risk factors and potential hazards associated with ozonation

- relevant legislation, workplace policies and industry standards
- 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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