



Australian Government

Assessment Requirements for NWPTRT046 Operate and control incineration 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:

- identifying control system faults
- making system adjustments
- monitoring and operating equipment and systems for incineration operation
- monitoring, recording and reporting incineration by-products
- performing routine calculations when sampling and monitoring incineration performance
- preparing and applying incineration processes according to workplace procedures
- reporting data outside of specified parameters to relevant personnel
- sampling and testing products

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:

- components of incineration systems
- composition of incineration end-products including:
 - ash
 - cooling water by-products
 - gaseous emissions
- equipment operation, capacity and limitations
- hazardous materials handling
- lockout procedures for mechanical and electrical installations
- mechanical and electrical control systems
- incineration system layout
- incineration system processes
- relevant legislation, regulations and workplace procedures

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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