



Australian Government

NWPTRD007 Monitor trade waste approvals

Release: 1

NWPTRD007 Monitor trade waste approvals

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to monitor trade waste approvals.

It includes coordinating, implementing and reporting on monitoring programs for trade waste treatment and disposal in retail commercial and light industrial organisations. It also applies to the monitoring of complex trade waste systems in large organisations.

This unit applies to those working with a specific responsibility for coordinating and conducting monitoring and testing of trade waste treatment and disposal. Those undertaking this unit would work autonomously, usually with supervisory responsibilities, while performing complex tasks in a range of contexts.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Trade waste

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for monitoring

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Identity the appropriate sampling technique to collections

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| | 1.2 | Identify the appropriate flow metering to trade waste |
| | 1.3 | Determine the appropriate monitoring plan according to business type and risk |
| 2 | Implement monitoring and testing | |
| | 2.1 | Apply monitoring and testing programs and procedures for trade waste |
| | 2.2 | Collect and monitor samples according to sample plan and workplace and safety procedures |
| | 2.3 | Analyse testing results where appropriate and report to relevant personnel |
| | 2.4 | Identify and investigate issues and inconsistencies and consult stakeholders |
| | 2.5 | Report results of the investigation and make recommendations to relevant personnel according to workplace procedures |
| | 2.6 | Select and use appropriate equipment for undertaking onsite monitoring |
| 3 | Monitor treatment and disposal | |
| | 3.1 | Monitor trade waste treatment and disposal |
| | 3.2 | Identify and investigate breaches of trade waste discharge provisions and approvals |
| | 3.3 | Report results and/or recommendations to relevant personnel |
| | 3.4 | Complete, review and store trade waste management records for the work area |
| 4 | Monitor compliance of trade waste discharge | |
| | 4.1 | Monitor compliance of trade waste treatment and discharge by customers |
| | 4.2 | Establish processes to identify and report non-compliance with trade waste approvals |
| | 4.3 | Identify and apply enforcement measures to manage identified non-compliances according to relevant legislation and enforcement authorities |
| | 4.4 | Plan and conduct safe onsite investigations to determine compliance by customer |

- 4.5** Complete and prepare chain of custody documentation for samples according to workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPTRD023 Coordinate, implement and report on trade waste monitoring procedures.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

Assessment Requirements for NWPTRD007 Monitor trade waste approvals

Modification History

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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:

- analysing test results
- assessing environmental impact against relevant industry standards
- assessing risks and hazards associated with sampling activities
- assessing waste treatment methods, processes, plant and equipment
- coordinating measuring, testing and sampling activities
- developing monitoring plans
- implementing monitoring and testing programs
- interpreting and applying legislation and policies applicable to trade waste
- interpreting and evaluating sample analysis data
- investigating problems on-site
- monitoring process inputs and outputs
- monitoring treatment and disposal provisions on-site
- planning and conducting investigations
- recording and reporting data
- taking samples using the followings methods:
 - grab
 - composite
- using appropriate personal protective equipment for protection against physical, chemical and biological hazards
- using wastewater sampling and preservation techniques for on-site and laboratory testing
- workplace documentation for data and reports

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:

- customer expectations and requirements

- investigation procedures
- monitoring techniques include:
 - continuous monitoring
 - flow metering
 - sampling
 - self-monitoring
- personal protection and safety precautions for wastewater sampling including requirements for relevant inoculations:
 - diphtheria
 - hepatitis A and B
 - polio
 - Q fever
 - tetanus
- range of appropriate measuring, testing and sampling procedures
- relevant enterprise policies for trade waste management
- relevant legislation
- sample collection techniques and chain of custody requirements
- standard industrial waste treatment methods, processes and procedures for retail commercial and light industrial organisations
- trade waste monitoring equipment includes:
 - composite sampler
 - gatic and maintenance hole lifters
 - portable monitoring equipment
 - sludge judge
- water quality parameters of significance to the wastewater system
- work, health and safety (WHS) 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.

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