



Australian Government

NWPTRD003 Evaluate, implement and monitor high risk trade waste discharge approvals

Release: 1

NWPTRD003 Evaluate, implement and monitor high risk trade waste discharge 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 evaluate, implement and monitor high risk trade waste discharge approvals.

It includes managing trade waste approvals from large and complex industrial organisations. It also includes adhering to legislation, regulations, industry standards and workplace procedures.

This unit applies to those working as trade waste officers or inspectors with the responsibility for managing applications and approvals for high risk liquid trade waste discharges to wastewater collection systems. Those undertaking this unit would work autonomously while performing sophisticated tasks in a range of familiar contexts.

No licensing, legislative or certification requirements apply to 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 Advise customers on trade waste approval

PERFORMANCE CRITERIA

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

1.1 Respond to customer queries regarding applications for

procedures	high risk trade waste approvals
2 Evaluate trade waste discharges for new industries	1.2 Advise customers of the procedures involved in processing, approving and monitoring trade waste applications
	1.3 Obtain and analyse work health and safety (WHS), environmental and sustainable energy practices and procedures
	2.1 Identify significant pollutants generated according to environmental legislation and workplace procedures
	2.2 Identify hazards, assess risks and implement control measures according to workplace procedures
	2.3 Identify and evaluate trade waste management processes and workplace procedures
3 Assess applications for high risk trade waste discharge approvals	2.4 Develop and check contingency plans
	2.5 Prepare trade waste management policies and plans
	3.1 Receive all relevant documentation and assess customer applications
	3.2 Assess applications against concentration, mass and flow limits, discharges of prohibited substances and local sewerage issues according to environmental issues
	3.3 Assess proposed pre-treatment systems, monitoring, control systems and procedures for suitability
4 Implement approved trade waste discharge applications	3.4 Assess chemical storage, handling and spill prevention procedures and ensure compliance with relevant legislation and industry standards
	3.5 Schedule and conduct on-site inspections according to workplace procedures
	4.1 Determine and assess approval conditions and discuss with customer
	4.2 Estimate cost calculations and discuss with customers according to current charging policies and formulae
	4.3 Monitor construction and commissioning activities to

		ensure compliance with approvals
	4.4	Determine monitoring activities and schedules and discuss with customer
	4.5	Create and maintain database records including charging parameters and monitoring schedule
5	Monitor and review trade waste treatment and disposal approvals	
	5.1	Monitor customer for compliance of trade waste treatment and discharge according to trade waste approvals and workplace requirements
	5.2	Establish processes to identify and report non-compliances with trade waste approvals to relevant stakeholders
	5.3	Identify and implement enforcement measures and processes to manage identified non-compliances

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 operatin conditions and any other variables essential to the work environmnet.

Unit Mapping Information

This unit replaces and is equivalent to NWPTRD002 Evaluate, implement and monitor high-risk trade waste discharge approvals.

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 NWPTRD003 Evaluate, implement and monitor high risk trade waste discharge 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:

- advising customers of the trade waste management policies and procedures in operation and of requirements for obtaining and complying with trade waste discharge approvals
- assessing and evaluating applications for high risk trade waste treatment and disposal including the following factors:
 - concentration
 - discharges of prohibited substances
 - environmental issues
 - flow limits
 - local sewage issues
 - mass
- assessing applications including:
 - applying approval conditions
 - communicating conditions with customers
- assessing chemical storage
- assessing proposed pre-treatment, monitoring and control systems
- creating and maintaining customer database records
- creating records and maintaining database containing customer records
- estimating cost calculations for high risk trade waste disposal
- identifying and evaluating trade waste producing processes
- identifying and implementing non-compliance issues
- identifying and reporting non-compliance of trade waste approvals
- implementing charging and monitoring procedures
- interpreting and applying legislation and policies applicable to trade waste
- interpreting and reviewing hydraulic, architectural and site plans
- scheduling and performing onsite inspections
- using personal protective equipment for protection against physical, chemical and biological hazards

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:

- customer expectations and requirements
- hydraulics and chemistry
- industrial waste treatment methods and processes for high risk industrial organisations
- investigation procedures
- measuring, testing and sampling procedures
- personal protection and safety precautions relevant for wastewater sampling
- pollutant identification techniques
- relevant formulae
- relevant legislation, policies and procedures including:
 - environmental
 - sustainable practices
 - work health and safety
- significant pollutants
- wastewater collection, treatment and disposal systems
- water quality parameters of significance to the wastewater system

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 suitable workplace operational situations. Where this is not appropriate, assessment must occur in suitable simulated workplace operational situations reflecting actual 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, facilities, equipment and personal protective equipment currently used in industry
- applicable relevant documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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