



**Australian Government**

# **NWPGEN024 Identify the role and functions of the water industry**

**Release: 1**

# NWPGEN024 Identify the role and functions of the water industry

## Modification History

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

## Application

It includes identifying stakeholders and customers in the water industry, identifying legislative frameworks and translating and contextualising application into own role in the organisation . It also includes working effectively in the water industry by understanding the role of water organisations in the community, services they provide, water systems used, the importance of maintaining water quality and structure of organisations. The ability to understand the water cycle and the link between the services and systems of the water organisation and supply to, and usage by, the consumer is essential to performance.

This unit applies to those working in the water industry. Those undertaking this unit would work under appropriate supervision, while performing specific tasks in a range of familiar contexts.

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

## Pre-requisite Unit

Not applicable.

## Competency Field

General

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

**1 Identify elements of the water cycle**

**1.1** Identify components of the natural water cycle

**1.2** Identify human intervention and environmental impacts on the natural water cycle

**2 Identify functions of water systems**

**2.1** Identify water industry operational processes

**2.2** Identify how each operational process relates to the water cycle

**3 Recognise stakeholders and customers**

**3.1** Identify services provided to customers

**3.2** Identify stakeholders and respective roles

**3.3** Describe the structure of the water industry at state or territory level

**4 Identify legislative framework**

**4.1** Identify bodies responsible for establishing and managing standards for water quality relevant to organisation

**4.2** Identify relevant guidelines

**4.3** Determine legislative, regulatory and licensing requirements governing the industry and understand their impact

**5 Identify role functions in organisational structure**

**5.1** Describe organisational structure and role functions

**5.2** Describe how own role contributes to organisational outcomes

## 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 NWPGEN012 Support the role and functions of the water industry.

## 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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# Assessment Requirements for NWPGEN024 Identify the role and functions of the water industry

## 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:

- describing natural impacts on water cycles and how they impact on customers
- identifying agencies involved in water management
- identifying systems and customer services offered by a water industry organisation
- identifying the factors which influence customer expectations and satisfaction
- identifying water industry stakeholders
- identifying water systems and infrastructure

## 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:

- community and agency roles and responsibilities in monitoring water quality
- environmental impact assessments
- legal, social, community and environmental requirements
- relevant legislation and industry guidelines
- relevant occupational functions within the water industry including:
  - catchment and dams
  - hydrometric monitoring
  - irrigation water supply
  - networks
  - reclaimed water
  - trade waste
  - wastewater treatment
  - water treatment
- relevant workplace policies and procedures
- water authorities and agencies
- water industry terminology
- water supply 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 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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