



Australian Government

NWPGEN002 Ensure compliance with water industry standards, guidelines and legislation

Release: 1

NWPGEN002 Ensure compliance with water industry standards, guidelines and legislation

Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. • New unit • Created drawing upon information from deleted unit NWP702A

Application

This unit describes the skills required to ensure compliance with the risk management principles established in the Australian Drinking Water Guidelines (ADWG), Australian Sewage Quality Management Guidelines and Australian Guidelines for Water Recycling (AGWR) which contribute to the improved management of water supply systems and the reduction of water quality risks for water supplies.

This unit applies to those working in all roles in the water industry.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would mostly work independently, with supervision responsibilities, while performing complex tasks in a range of contexts.

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

Competency Field

General

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.

1. Interpret key legislation and guidelines of the water industry	1.1 Access and interpret the relevant guidelines and legislative requirements. 1.2 Analyse the key features or elements. 1.3 Establish the relationships between the guidelines and the state and territory requirements.
2. Lead compliance with legislation and reporting function	2.1 Interpret organisation standards and processes for reporting compliance with legislative requirements. 2.2 Integrate legislative requirements into organisation water quality management plan. 2.3 Provide advice on the links between the regulatory framework and work practices. 2.4 Convey importance of multiple barrier principles and their general function to team members. 2.5 Manage risks utilising the organisation's risk management principles. 2.6 Collate relevant collected data to support compliance and review for completeness and accuracy. 2.7 Refine and disseminate compliance reporting procedures.
3. Communicate compliance with legislation to team members	3.1 Establish steps to monitor compliance and reporting function. 3.2 Address identified areas of non-compliance and take corrective action. 3.3 Provide feedback on compliance issues to team members. 3.4 Make recommendation for preventative measures. 3.5 Drive continuous improvement of work practices to achieve water quality outcomes.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Range of Conditions

Guidelines include:	- ADWG (Australian Drinking Water Guidelines) - Australian Sewage Quality Management Guidelines - AGWR (Australian Guidelines for Water Recycling)
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Unit Mapping Information

No equivalent unit.

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 NWPGEN002 Ensure compliance with water industry standards, guidelines and legislation

Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages.

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. To be deemed competent the candidate must be assessed using at least one of the guidelines listed in the Range of. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- interpreting, analysing and applying relevant legislative requirements, complex industry codes and standards
- collating and analysing information
- providing advice and feedback
- communicating principles of relevant guidelines and putting into context
- initiating problem solving
- managing risks on a specific project or site
- accessing and interpreting risk management principles
- managing risk control measures
- integrating requirements of risk management plans
- analysing records of water quality incidents

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

Operational knowledge of:

- relevant guidelines guiding principles
- framework for the management of drinking water quality (including the twelve elements)
- established organisational risk management procedures
- water quality risk assessment and control procedures
- water cycle

- ecologically sustainable development
- water quality risk factors and performance indicators
- relevant legislation, codes, standards
- chronic and acute health impacts from human exposure
- concept of the Disability Adjusted Life Year (DALY)

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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