NWP40615 Certificate IV in Water Industry Treatment

Release: 1

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Modification History

Release	Comments
1	This qualification was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. • New qualification. Streams developed to better reflect occupational outcomes.

Qualification Description

This qualification allows for the attainment of general competencies in water industry treatment or specialisation in drinking water or wastewater.

The general qualification covers the skills for those who have supervisory responsibility and require a broad range of skills within treatment operations.

The drinking water specialisation covers skills required to assess and improve the processes within a drinking water treatment plant.

The wastewater specialisation covers skills required to assess and improve the processes within a drinking water treatment plant.

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

Additional qualification advice

Where a defined specialisation is completed as listed below, the resultant testamur can be titled: Certificate IV in Water Industry Treatment (field of study) e.g. Certificate IV in Water Industry Treatment (Drinking water).

Packaging Rules

10 units of competency are required for this qualification:

• 2 core units
• 8 elective units

The candidate may complete either the general qualification or specialise in drinking water or wastewater by selecting elective units as specified in the table below.

	General	Specialisation	
		Drinking water	**Wastewater**
Core	2	2	2
Group A: Work health safety	Choose 1	Choose 1	Choose 1
Group B: Drinking water	Choose at least 3 from groups B and/or C, with no more than 2 from any one group	Choose at least 3	
Group C: Wastewater			Choose at least 3
Flexible choice	Choose the remaining elective units from the list below or from elsewhere within this training package. Alternatively, up to 2 of the elective units may be selected from another endorsed training package, or from an accredited course.		
Total Number of Units	10	10	10

All elective units selected from outside this qualification must reflect the occupational and learning outcomes of this AQF qualification level. Seek further advice on selecting imported units of competency in the NWP Implementation Guide.

Elective units selected must not duplicate content already covered by other units in this qualification.

Core units	
NWPGEN002	Ensure compliance with water industry standards guidelines and legislation
NWPGEN005	Coordinate and monitor the application of environmental plans and procedures
Group A: Work health safety	
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBWHS402	Assist with compliance with WHS laws
BSBWHS403	Contribute to implementing and maintaining WHS consultation and participation processes
BSBWHS404	Contribute to WHS hazard identification, risk assessment and risk control

Group B: Drinking water	
NWPTRT011	Assess and optimise chemical dosing process
NWPTRT032	Assess and improve sedimentation processes
NWPTRT042	Assess and improve granular media filters
NWPTRT045	Assess and improve desalination processes
NWPTRT051	Assess and improve treatment for pathogen removal
NWPTRT085	Assess and improve wastewater processes to control microbial impacts
NWPGEN010	Contribute to the continuous improvement of quality systems
NPWGEN013	Apply principles of chemistry to water systems and processes
Group C: Wastewater	
NWPTRT011	Assess and improve chemical dosing process
NWPTRT032	Assess and improve sedimentation systems
NWPTRT042	Assess and improve granular media filters
NWPTRT045	Assess and improve desalination processes
NWPTRT051	Assess and improve treatment for pathogen removal
NWPTRT084	Assess and improve activated sludge and nutrient removal processes
NWPTRT085	Assess and improve wastewater processes to control microbial impacts
NWPTRT093	Assess and improve anaerobic digestion systems
NWPGEN010	Contribute to the continuous improvement of quality systems
NWPGEN013	Apply principles of chemistry to water systems and processes
Group D: General elective units	
NWPGEN010	Contribute to the continuous improvement of quality systems
NWPNET033	Coordinate and monitor water asset construction
AHCBUS504A	Prepare estimates, quotes and tenders
BSBCUS401	Coordinate implementation of customer service strategies

BSBFLM312	Contribute to team effectiveness
BSBINM301	Organise workplace information
BSBLDR403	Lead team effectiveness
BSBMGT402	Implement operational plan
BSBSMB407	Manage a small team
BSBWOR404	Develop work priorities
BSBWRT401	Write complex documents
MSS404061A	Facilitate the use of SCADA systems in a team or work area
BSBWHS510	Contribute to implementing emergency procedures
TAEDEL301A	Provide work skill instruction

Qualification Mapping Information

No equivalent qualification.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037

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