TRILITY Training Services

TRILITY
Training Services

NWP30222

Certificate III in Water Industry Operations

Industry professionals delivering
industry-based training services

NWP30222 Certificate III in Water Industry Operations

Delivery mode:

- Face to face
- Online

Average duration:

- 12 - 18 months

Location:

- TRILITY training centre
- Your facility
- Online

At TRILITY Training Services, we strive to be more than your typical training provider. Our aim is to be the industry's long-term training provider delivering the highest standards of water sector training.

Our courses are developed in accordance with the National Water Training package and delivered to the Standards of Registered Training Organisations (RTOs) 2015. Our philosophy of working in true partnership with our clients and students ensures they can confidently elevate and exceed the standards of compliance on a sustainable, ongoing basis.

We fundamentally believe that our expertise enhances our clients and students' ability to deliver safe, reliable water to the communities in which they serve.

With over 30 years' experience, TRILITY is trusted and respected in the water management industry. Our trainers have worked across water infrastructure from project and asset commissioning through preventative maintenance, fault finding, and daily water operations.

Our people understand the unique challenges of remote areas and the complexities of urban and edge-of-urban safe water delivery. We teach with practical experience and industry-relevant scenarios.

Being trained by TRILITY's Training Services:

- Water operators can be confident that they receive the most up-to-date and relevant training

Have confidence that your TRILITY trainers:

- Are highly skilled and experienced professionals who have worked in the water industry for many years
- Understand the challenges that water industry operators face daily
- Can provide practical advice and guidance
- As a Registered Training Organisation (RTO# 46056), we offer Nationally Recognised Training (NRT) Certificate courses in Water Industry Operations

NWP30222 Certificate III in Water Industry Operations

Benefits of training

Our concise certificate programs in Treatment Plant Operation and Networks provide operators with the necessary skills and technical expertise to enhance the efficiency and effectiveness of plant processes. These programs focus on troubleshooting abilities and problem-solving knowledge, as well as an understanding of pertinent legislation and occupational health and safety concerns. Additionally, they foster the development of safe work practices.

Benefits include:

- Minimises operational expenses
- Improved risk management
- Operational compliance
- Safeguards and enhances asset longevity
- Provides nationally accredited and transferable skill set for operators
- Increased operator adaptability
- Formal recognition of skills for operators

Who is this course aimed at?

The course is designed for individuals working in network installation, operation, and repair within the Water Industry, in addition to those operating and maintaining water and wastewater treatment plants.

It is ideal for those who want to further their knowledge and technical expertise in an industry that relies on a wide range of skills and is continually evolving due to technological advancements.

If you are currently engaged in water or wastewater network or treatment, operation, or repair within the Water Industry and seek to advance your career or enhance your skill set, this course is the perfect choice.

What are the entry requirements for this course?

While there are no strict formal qualification prerequisites, this course does have a compulsory workplace training component. Applicants must currently hold a position in the water industry that aligns with the course's requirements. Having experience and skills at a level equivalent to a Certificate II in Water Industry Operations (NWP20122) or its previous version, NWP30219, is highly beneficial but not essential.
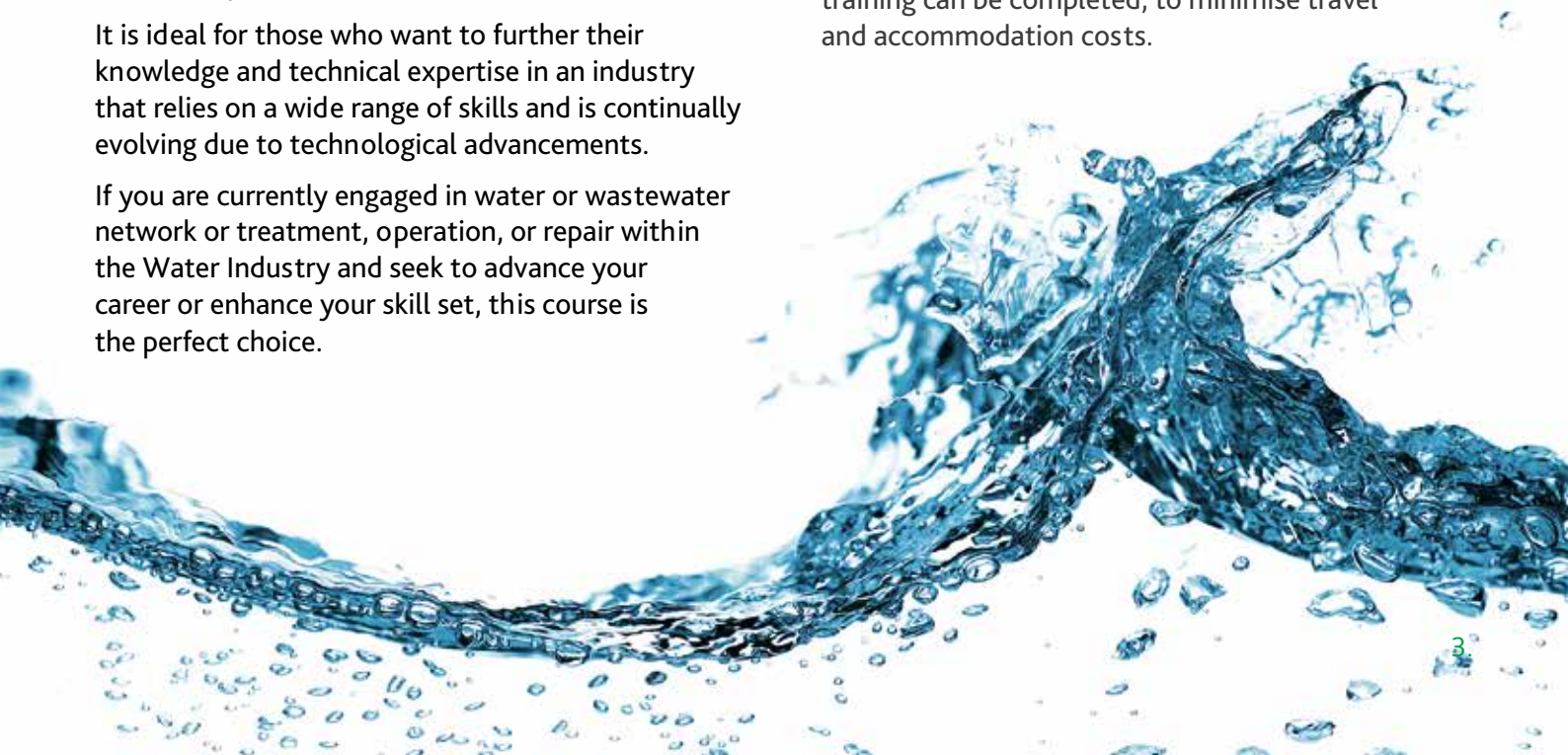
How is this course delivered?

TRILITY offer a range of delivery options including face-to-face at a TRILITY training centre, face-to-face at your workplace and an online option in 2024.

Our online delivery option includes self-paced online learning with webinars and workbooks, weekly tutorials and Q&A sessions via Zoom, online assessments and workplace-based assessments supported by our trainers.

Several of our units, particularly core units where there is little practical involvement, are completed self-paced/online with the support of a trainer.

For training conducted on site, we would suggest clustering units together so that a full week of training can be completed, to minimise travel and accommodation costs.

NWP30222 Certificate III in Water Industry Operations

What are the course outcomes?

Upon successful completion of this program, graduates will be well-equipped to advance their careers in the operation, maintenance, and repair of potable water reticulation systems and/or sewerage collection systems. Additionally, depending on their chosen units, they may acquire skills in diagnosing and addressing issues related to water quality in distribution systems and/or sewer network operations.

Assessment

- Throughout this course, you will participate in a range of assessment tasks including knowledge-based assessments, simulated practical assessments and workplace-based assessments.

- A workplace supervisor is required to supervise you while practising your skills and completing your workplace-based assessment tasks.

- TRILITY's assessment process takes into account your reading, writing and computer literacy to make sure your journey best meets your needs.

Nationally Recognised Training

This course is accredited at the national level and is offered through Registered Training Organisations (RTOs), which are closely overseen by the Australian Skills Quality Authority (ASQA). This ensures that you will be pursuing a qualification of the highest quality, recognised throughout the country.

Recognition of Prior Learning (RPL)

TRILITY offers Recognition of Prior Learning, which considers your prior work experience or formal qualifications to potentially reduce the duration of your study. For further information, please enquire via training@TRILITY.com.au, as part of the enrolment process.

Pricing and payment

Due to the range of subjects and electives available under Certificate III, the cost below will change slightly based on individual subjects chosen due to NWP packaging rules.

Indicative cost for face-to-face training at our facilities are:

- Certificate III - $4,240 - $11,670 ex GST

Please note that the cost above is indicative and subject to change based on subject selection (as subjects vary between 1 and 5 days face-to-face) and delivery mode (face-to-face at a TRILITY facility, face-to-face at your location, or online).

If your course fees are being covered by your employer or another third-party organisation, they can furnish the necessary information by reaching out to our sales team or submitting it during the payment process within our online enrolment portal. Alternatively, if you intend to cover the course fees personally, we offer a payment plan structured as a pay-as-you-go arrangement. This plan includes weekly instalments spread over 11 weeks, with a final payment at the conclusion of your course.

NATIONALLY RECOGNISED TRAINING

NWP30222 Certificate III in Water Industry Operations

Course information

NWP30222 Certificate III in Water Industry Operations.

Learners are able to choose the general qualification or a specialist stream in Networks, Water Treatment or Wastewater Treatment.

Unit selection

Certificate III in Water Industry Operations consists of 2 core subjects and 9 elective subjects. Students will have flexibility with the selection of core and elective units, however, to optimise costs we would encourage trainees to select similar units. This can be discussed and worked out during subject selection.

Some elective units require one day on-site while the largest units require five days. Therefore, we would be workshopping trainee/cohort unit preferences to work out which combination works best.

A total of 11 competency units are required, structured as follows:

General qualifications:

- 2 core units, along with
- 9 elective units that can be chosen from any part of the qualification, or

Specialisations:

- 2 core units, coupled with
- 5 units from one of the following Groups: D, F, or
- 7 units from group E: (select six units from specialist elective Groups F and G, with a minimum of two units from each group), which must include NWPGEN017, or
- 6 units from Group G, which must include NWPGEN017, and
- All remaining elective units can be selected from any part of this qualification.

Up to 2 of the elective units may be selected, provided they are appropriately contextualised from a qualification within this or any other endorsed Training Package, as long as the selected units contribute to the vocational outcome of the qualification.

Core units

The 2 core units required for both general and specialised qualifications are:

- **BSBWHS308:** Participate in WHS hazard identification, risk assessment and risk control processes
- **NWPGEN019:** Assess, implement and report environmental procedures

Unit groups

A full list of units available is provided opposite.

We offer a number of elective options for students to specialise in.

Certificate III elective options

Group D	Networks
Group E	Treatment water and wastewater
Group F	Wastewater
Group G	Water
Group H	General

NWP30222 Certificate III in Water Industry Operations

Electives

BSBOPS304	Deliver and monitor a service to customers	General
CPCCOM1015	Carry out measurements and calculations	General
MSMWHS216	Operate breathing apparatus	General
NWPGEN017	Apply the risk management principles of the water industry standards, guidelines and legislation	Treatment water and wastewater
NWPGEN020	Sample and test source or drinking water	Water
NWPGEN021	Sample and test wastewater	Wastewater
NWPGEN022	Perform laboratory testing	Wastewater/ Water
NWPGEN027	Monitor and operate pump stations	Networks
NWPNET018	Disinfect network assets	Networks
NWPNET028	Monitor and operate network systems	Networks
NWPNET030	Identify and respond to water quality problems	Networks
NWPNET036	Perform leak detection	Networks
NWPNET037	Inspect sewer or stormwater assets	Networks
NWPNET040	Maintain and repair network assets for wastewater	Networks
NWPNET047	Install, maintain and repair hydrants	Networks
NWPNET061	Maintain and repair network assets for drinking water	Networks
NWPNET064	Control electrical risk on metallic pipes	Networks
NWPNET065	Perform odour and infiltration investigations	Networks
NWPTRT005	Monitor and operate water treatment processes	General
NWPTRT006	Monitor and operate fluoride addition processes	General
NWPTRT007	Monitor and operate liquefied chlorine gas disinfection processes	General
NWPTRT009	Operate and control coagulation and flocculation processes	Water
NWPTRT010	Operate and control sedimentation and clarification processes	Wastewater/ Water
NWPTRT016	Operate and control dissolved air flotation processes	Wastewater/ Water
NWPTRT019	Operate and control granular media filters	Wastewater/ Water
NWPTRT020	Operate and control membrane filters	Wastewater/ Water
NWPTRT022	Monitor and operate hypochlorite disinfection processes	General
NWPTRT023	Monitor and operate ultraviolet processes	General
NWPTRT027	Monitor and operate wastewater treatment processes	General
NWPTRT036	Operate and control activated sludge processes	Wastewater
NWPTRT037	Operate and control nutrient removal processes	Wastewater
NWPTRT039	Operate and control solids handling processes	Wastewater/ Water
NWPTRT040	Operate and control digestion processes	Wastewater
NWPTRT047	Monitor, operate and control lagoon processes	Wastewater

Want to learn more about TRILITY Training Services?

TRILITY Training Services offers a number of Nationally Recognised Training (NRT) Certificate courses in Water Industry Operations including:

- **NWP20122 Certificate II in Water Industry Operations**
  2 core and 9 electives

- **NWP30222 Certification III in Water Industry Operations**
  2 core and 9 electives

- **NWP40120 Certificate IV in Water Industry Operations**
  3 core and 7 electives

These qualifications offer students specialised training tailored to meet the demands of water operations work within the Local Government and the broader Water Industry. Those in this role will be responsible for the construction, monitoring, operation, and maintenance of water operations in Networks, Water Treatment, and Wastewater Treatment.

We also offer a number of specialised (non-NRT) courses in:

- Chlorine Systems Maintenance Training
- Monitor and Operate Hypochlorite
- Disinfection Processes
- Monitor and Operate Liquefied Chlorine Gas Disinfection Processes

Read more at
www.trility.com.au/trility-training/

TRILITY
Training Services

training@TRILITY.com.au

Adrian Blinman
0447 622 371

TRILITY Training Services
Registered Training Organisation: 46056