



Australian Government

NWPTRT024 Operate and control chloramination processes

Release: 1

NWPTRT024 Operate and control chloramination processes

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 operate and control chloramination processes.

It includes monitoring chloramination processes, measuring and reporting on system performance and process quality control. It also includes identifying faults, determining and applying technical adjustments.

This unit applies to operational staff with a specific responsibility for chloramination processes. Those undertaking this unit would work under appropriate supervision, while performing routine tasks, within 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

Treatment

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for work

PERFORMANCE CRITERIA

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

1.1 Determine work requirements from job specifications and plans

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| | 1.2 | Select and check equipment required to meet safety requirements of task and worksite |
| | 1.3 | Select, fit and use required safety equipment, including personal protective equipment (PPE) |
| 2 Operate and control chloramination processes | 2.1 | Conduct routine inspections according to workplace procedures |
| | 2.2 | Identify and report process to relevant personnel |
| | 2.3 | Collect process samples and conduct chlorine residual tests according to workplace procedures |
| | 2.4 | Interpret data and make process adjustments to maintain operational parameters |
| 3 Apply chloramination chemical dosing | 3.1 | Use, handle and store chemicals according to workplace procedures |
| | 3.2 | Determine and apply chemical dosing according to system specifications and organisational requirements |
| | 3.3 | Maintain information related to chlorine and ammonia supply and usage |
| 4 Complete documentation | 4.1 | Collect, interpret and record process data according to workplace procedures and process requirements |
| | 4.2 | Identify data outside of normal operational parameters and report to relevant personnel for further action |

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 NWPTRT054 Operate and control chloramination

processes.

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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