



Australian Government

NWPTRT025 Monitor and operate chlorine dioxide processes

Release: 1

NWPTRT025 Monitor and operate chlorine dioxide 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 monitor and operate chlorine dioxide processes.

It includes monitoring and operating chlorine dioxide systems, preparing and applying chemical dosing and reporting on process quality control.

This unit applies to operational staff with specific responsibility for ensuring chlorine dioxide system processes comply with organisational requirements. Those undertaking this unit would work under appropriate supervision while performing routine 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

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 Monitor processes | 2.1 | Monitor chlorine dioxide processes according to workplace procedures |
| | 2.2 | Collect process samples and conduct standard tests according to workplace procedures |
| | 2.3 | Maintain and monitor relevant work health and safety requirements |
| 3 Prepare and apply chemical dosing | 3.1 | Handle, use and store chemicals safely according to workplace procedures |
| | 3.2 | Maintain information relating to chemical supply and usage according to workplace procedures |
| 4 Complete documentation | 4.1 | Collect, record and complete 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 NWPTRT055 Operate chlorine dioxide 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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