



Australian Government

NWPTRT027 Monitor and operate wastewater treatment processes

Release: 1

NWPTRT027 Monitor and operate wastewater treatment 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 wastewater processes. It includes monitoring and operating wastewater treatment plants, reporting system performance and process quality control. It also includes ensuring wastewater disposal or re-use meets state or territory legislative requirements.

This unit applies to operational staff in wastewater treatment plants with responsibility for the practical and safe operation of plant, equipment and processes. Those undertaking this unit would work under appropriate supervision, performing routine tasks within a familiar context.

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 task and worksite |
| | 1.3 | Select, fit and use required safety equipment including, personal protective equipment (PPE) |
| 2 Monitor treatment processes | 2.1 | Inspect plant according to workplace procedures |
| | 2.2 | Collect process samples and conduct standard tests according to workplace procedures |
| | 2.3 | Operate wastewater treatment processes according to workplace procedures |
| | 2.4 | Perform adjustments to enhance system performance |
| 3 Complete documentation | 3.1 | Collect, record and complete process data according to workplace procedures and process requirements |
| | 3.2 | Identify, data outside of 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 NWPTRT061 Operate and control wastewater 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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