



Australian Government

NWPTRT036 Operate and control activated sludge processes

Release: 1

NWPTRT036 Operate and control activated sludge 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 activated sludge processes.

It includes 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 wastewater activated sludge in treatment plants. 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 specification and plans

1.2 Select and check equipment required to meet safety requirements of task and site

1.3 Select, fit and use required safety equipment, including personal protective equipment (PPE)

2 Operate and control processes

2.1 Conduct routine inspections according to workplace procedures

2.2 Identify and report process faults to relevant personnel

2.3 Collect process samples and conduct standard tests according to workplace procedures

2.4 Perform basic process adjustments to maintain process performance parameters

3 Complete documentation

3.1 Collect, interpret and record process data according to workplace procedures and process requirements

3.2 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 NWPTRT081 Operate and control activated sludge 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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