



Australian Government

Assessment Requirements for MSTGN3017 Monitor and operate trade waste process

Release: 1

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Modification History

Release 1. Supersedes **and is equivalent to** MSTGN3007 Monitor and operate trade waste.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- operated and maintained a trade waste treatment system for at least 1 waste product, including:
 - conducting routine plant inspections
 - collecting and conducting tests of process samples
 - complying with organisational and statutory requirements for chemical use and waste processing
 - compiled reports using data extracted from plant and system.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- key requirements of Australian and industry standards, regulations and codes of practice relevant to waste product and waste disposal
- Environment Protection Authority (EPA) requirements for disposing of trade waste, including licencing arrangements and types of waste that can be discharged into sewers
- types of samples taken, and tests carried out on waste, and their purpose, including:
 - dissolved oxygen
 - pH
 - settling tests
- waste processing, including:
 - activated sludge
 - biodegradable reduction
 - chemical precipitation
 - solids handling
- chemical dosing processes
- hazardous material handling procedures
- work health and environmental aspects of relevant testing processes
- monitoring systems and equipment, including:
 - electronic monitoring and metering systems

- manual chart recording systems
- laboratory testing and sampling equipment
- computerised equipment
- workplace recording and reporting practices.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - waste treatment plant set up with standard operating procedures (SOPs)
 - regulatory and organisational requirements for waste treatment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>