



Australian Government

Assessment Requirements for FBPSUG2022

Operate a waste water treatment system

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has operated a waste water treatment system in line with workplace contexts and demonstrated each of the following points at least once:

- conducted pre-start checks of equipment and services
- selected, fitted and used required personal protective equipment (PPE)
- operated, monitored and adjusted waste water treatment system according to operating procedures
- maintained work area to meet cleaning standards
- handled chemicals safely
- reported health and safety risks and maintenance requirements
- performed shutdown procedures
- conducted shift handover procedure
- taken corrective action in response to typical operating faults, out-of-specification results or non-compliance
- recorded waste water treatment information
- followed waste water system operating procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- equipment purpose and operating principles of waste water treatment equipment and methods
- water cycles for trade waste, storm water and sewerage, including sources and flow patterns
- purpose of chemicals used in waste water treatment systems
- purpose of first flush systems and their relationship with the waste water treatment system

- typical causes of non-conforming water quality, and corrective action required
- key health and safety requirements for operating waste water treatment systems:
 - hazards related to waste water system operation, and associated control measures
 - correct use of PPE
 - lock-out, tag-out and isolation procedures
- procedures for operational and long-term shutdown
- environmental issues and controls for operating waste water treatment systems:
 - company policy relating to environmental performance
 - waste characteristics and treatment methods
 - waste handling requirements and procedures
- procedures and responsibility for reporting problems for operating waste water treatment systems
- recording requirements and procedures for operating waste water treatment systems.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - waste water treatment system and related chemicals
 - water testing equipment
 - workplace information recording system
- specifications:
 - operating procedures and related advice on equipment operation
 - water quality sampling and test procedures
 - workplace cleaning standards and procedures
 - workplace information requirements and procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>