



Australian Government

Assessment Requirements for FBPSUG2012 Chemically clean equipment

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 chemically cleaned equipment in line with workplace contexts and demonstrated each of the following points at least once:

- selected, fitted and used personal protective equipment (PPE)
- completed steps required to prepare the plant for cleaning
- cleaned equipment according to cleaning process cycle and procedures
- carried out relevant checks and inspections to confirm effectiveness of cleaning, including completion of required records
- handled cleaning and sanitation agents safely
- returned the plant to operating order.

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:

- purpose and principles of cleaning in place (in-line), including the use and functions of caustic and acid solutions, and cleaning sequence and stages
- cleaning and sanitation requirements for work area, including different levels of cleaning requirements depending on the reason for cleaning
- methods used to render equipment safe to clean, including lock-out, tag-out and isolation procedures
- equipment settings required for cleaning and for operating
- inspection points for cleaning and sanitation
- consequences of contamination of process flows by cleaning solutions
- types of waste generated by both the production and the cleaning process, and related collection, treatment and disposal requirements
- environmental consequences of incorrect waste disposal procedures

- health and safety in the workplace requirements when chemically cleaning in-line plant and equipment:
 - appropriate signage of cleaning activities
 - safe handling and storage of cleaners and sanitisers
 - correct use of PPE.

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
 - equipment to be cleaned and related cleaning system
 - chemicals and/or automated chemical addition system
 - workplace information recording system
- specifications:
 - workplace procedures and related advice on equipment operation, including advice on safe work practices and environmental requirements.

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>