



Australian Government

Assessment Requirements for FBPSUG2021

Operate an ash separation 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 an ash separation system in line with workplace contexts and demonstrated each of the following points at least once:

- conducted pre-start checks and followed start-up procedure
- selected, fitted and used required personal protective equipment (PPE)
- maintained work area to meet cleaning standards
- monitored the ash separation system
- recorded operating information
- observed safe chemical preparation and handling
- reported health and safety risks and maintenance requirements
- followed shift handover procedure
- taken corrective action in response to typical operating faults and product and process non-conformance
- safely disposed of ash.

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:

- properties of ash or soot and the impact on filter operation
- functions and operating principles of ash separation system and related equipment
- relationship between vacuum, filter speed and cake permeability
- key health and safety requirements for operating an ash separation system in the workplace:
 - correct use of PPE
 - procedures for responding to emergency situations, including safe shutdown procedure

- health and safety hazards related to operation of the ash removal system, and associated lock-out, tag-out and isolation procedures
- handover procedures for operating an ash separation system
- procedures and responsibility for reporting problems for operating an ash separation system
- environmental and waste handling requirements and procedures relevant to operating an ash separation system
- recording requirements and procedures for operating an ash separation system.

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
 - ash separation system and related equipment
 - workplace information recording system
- specifications:
 - operating procedures and related advice on equipment operation, including advice on safe work practices and environmental requirements
 - product and process specifications and operating parameters
 - workplace cleaning standards and procedures
 - workplace information recording 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>