



**Australian Government**

# **Assessment Requirements for FBPTEC4017 Produce grain-based wash for distillation**

**Release: 1**

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### Modification History

| Release   | Comments                                                                                       |
|-----------|------------------------------------------------------------------------------------------------|
| Release 1 | This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 3.0. |

### 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 managed the production of one batch of grain-based wash, to meet product specification, including:

- taking samples to monitor quality
- completing batch records in line with workplace requirements.

### 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 of milling grain to expose starchy material in the husk
- problems created from grain that is too heavily crushed or milled
- stages and changes that occur during grain-based wash production
- quality characteristics and uses of end product and output
- typical tests carried out on wash to check pH, bitterness, colour
- instruments used for testing and how each is calibrated
- procedures and equipment used for transfer operations, including pumps, membranes, hoses, valves, control instruments
- process specification, procedures and operating parameters
- equipment and instrumentation components, purpose and operation
- sanitisation procedures and purpose
- significance and method of monitoring control points within the equipment operation
- common causes of variation and corrective action required
- hazards and controls, including manual handling and working with dust, heat and steam
- routine maintenance requirements
- waste handling and disposal requirements
- Food Standards Code in relation to production of beverages

- Australian Standards, legislation, regulations and workplace licence requirements related to working in hazardous and potentially explosive environments
- Australian Taxation Office (ATO) requirements for excise
- recording requirements for traceability of product and ATO regulations.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
- resources, equipment and materials:
  - raw materials for grain-based wash production
  - access to equipment for production of grain-based wash
  - testing equipment
- specifications:
  - product specifications.

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

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>