



Australian Government

Assessment Requirements for FBPTEC3004 Prepare, fill and store barrels for aging spirits

Release: 1

Assessment Requirements for FBPTEC3004 Prepare, fill and store barrels for aging spirits

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceuticals 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 appropriately prepared, filled and stored at least two barrels with spirit for aging.

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:

- types of barrels required for designated spirit
- types of wood used for barrels, including oak, and its characteristics
- purpose of barrelling
- effects of aging in oak
- parts of barrel, including staves, hoop, bung
- pre-uses of barrels and their qualities
- barrel hydration methods
- the effect that temperature and humidity can have of the health of a barrel
- the expanding and contracting nature of barrels
- instruments used to monitor storage of barrels, including thermometer and hygrometer
- problems created by dry conditions or too much sunlight
- procedures and equipment used for transfer operations, including pumps, membranes, hoses, valves
- equipment and instrumentation components, purpose and operation
- 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, working with ethanol and flammable substances
- Australian Standards, legislation, regulations and workplace licence requirements related to the production and storage of alcohol

- 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:
 - barrels
 - spirit for aging
 - pump
 - lifting equipment
 - humidity and temperature gauges.

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>