



Australian Government

Assessment Requirements for MSFCP3003 Maintain and repair barrels

Release: 1

Assessment Requirements for MSFCP3003 Maintain and repair barrels

Modification History

Release 1. Changes to code, application, elements, performance criteria. Foundation skills added. Range of conditions removed. Assessment requirements changed. Previous unit was listed in an AQF2 qualification. This unit aligns with AQF3 and higher qualifications.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- clean by hand and machine methods, and repair at least 2 barrels (or equivalent cooperage product), including:
 - at least 1 leakage fault
 - at least 1 faulty stave
 - at least one faulty head or head joint.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- ways to address common material faults in barrels, including at least 5 of the following:
 - knots
 - sapwood
 - splits and shakes
 - rot and decay
 - insect infestation
 - mineral streak or brown stripe
 - broken chime
 - split staves
 - acetic or volatile barrel
 - mouldy barrel
 - water contamination
- ways to address common wear, tear and deterioration faults in barrels, including at least 2 of the following:
 - handling damage
 - discolouration
 - broken staves
 - buckled heads
 - burst heads

- build-up of fermentation products
- contamination
- standard hot water leakage testing
- leakage repair methods:
 - plugging
 - caulking
 - re-machining
- function of hand and power tools commonly used for barrel maintenance and repair
- personal protective equipment (PPE) required for barrel maintenance and repair.
-

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - all materials and tools required for performance evidence
 - PPE
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>