



Australian Government

Assessment Requirements for MSMBIO303 Distil bioproducts

Release: 1

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Modification History

Release 1. New unit

Performance Evidence

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

- followed distillation processes for at least 1 batch to specification.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- distillation principles
- distillation process, equipment and tools, including standard operating procedures
- retentate/retained product
- standard operating procedures
- work health safety (WHS) procedures and personal protective equipment (PPE) requirements
- process control software and documentation
- distillation hazards, risks and control measures, including:
 - fire and explosion
 - hearing
 - respiratory
 - chemicals
 - boilers
 - manual handling
 - confined space
 - falls
- how to handle, store and transport materials and wastes
- cleaning and sanitising procedures and why they are important
- disposal and recycling procedures.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions, contingencies, facilities, equipment and resources.

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=d1287d36-dff4-4e9f-ad2c-9d6270054027>