



Australian Government

**Assessment Requirements for MSL975032
Provide input to production trials**

Release: 1

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Modification History

Release	Comments
Release 1	<p>This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>.</p> <p>Supersedes and equivalent to <i>MSL975012 Provide input to production trials</i>. Prerequisites removed. Range of conditions removed. Assessment requirements amended.</p>

Performance Evidence

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

- safely and effectively conducting 2 different, routine production trials to adjust formulations or develop products and processes.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- terminology, principles and concepts relevant to the trial
- trial objectives, timelines, laboratory trial requirements, documentation and reporting requirements
- recipes and formulations, technical specifications and quality parameters for trial products
- effect on product properties of variations in recipes and formulations
- expected nature and condition of materials at each process stage
- causes and remedies for common processing problems associated with trial products
- product properties, process stages and unit operations involved in trials
- typical trial specifications
- sampling and test methods for trial products
- principles and purpose of test methods implemented (why they are used and what they demonstrate)
- technological advances that include automation
- awareness of environmental sustainability issues as they relate to the work task

- legal, ethical and work health and safety (WHS) requirements specific to the work task including traceability, confidentiality and security requirements of all client information, and laboratory data and records.

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:
 - access to operating plant or pilot plant for the duration of trials
 - workplace procedures for conducting production trials, sampling and testing
 - trial documentation, such as technical specifications, plant or production line layout, safety data sheets (SDS), trial request and result forms
 - sample containers and sampling equipment
 - test equipment, laboratory instruments and reagents.

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

Links

Training Package Companion Volumes -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c63a03b-4a6b-4ae5-9560-1e3c5f462baa>