



Australian Government

Assessment Requirements for MSL977006 Contribute to the development of products and applications

Release: 1

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Modification History

Release	Comments
Release 1	This version was released in <i>MSL Laboratory Operations Training Package Release 2.0</i>. Supersedes and equivalent to MSL977001 Contribute to the development of products and applications. Prerequisites updated. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Performance Evidence

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

- evaluated at least 1 product/application brief, prepared the product development plan and contributed significantly to its development.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of product or application development
- business goals and their relationship to specific product or application development
- new product/application requirements, expected performance outcomes and key indicators
- physical and chemical aspects of new product or application development
- details of development plan, budget and timeline for new product/application
- principles and practices of operation of pilot batch equipment
- uses, characteristics and limitations of formulation starting materials
- formulation development procedures
- details of regulatory compliance, quality and stability testing protocols and procedures required for new product/application
- calculations required to adjust properties
- 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.

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:
 - a standard laboratory equipped with appropriate pilot batch manufacturing and testing equipment
 - online data search facilities
 - starting material and product formulation information
 - scheduling charts and project plans
 - standard operating procedures (SOPs) and workplace guidelines.

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>