



**Australian Government**

**Assessment Requirements for MSL977010  
Contribute to the development of products  
or applications**

**Release: 1**

# Assessment Requirements for MSL977010 Contribute to the development of products or applications

## Modification History

Release 1. Supersedes and not equivalent to MSL977006 Contribute to the development of products and applications. Minor title change for clarity. Scope clarification added to Application. Prerequisite unit removed. Element 5 integrated into Element 4. Other minor changes to Performance Criteria.

## 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 or application brief, prepared the product development plan and contributed to its development.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- principles of product or application development, including
- good manufacturing principles for medicinal products (GMP)
- principles of good laboratory practice (GLP)
- business goals and their relationship to specific product or application development
- new product or 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
- details of regulatory compliance, quality and stability testing protocols and procedures required for new product/application
- 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

- information technology for research
- starting material and product formulation information
- scheduling charts and project plans
- workplace procedures and guidelines.

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

## **Links**

MSL Laboratory Operations Companion Volume Implementation Guide is available from VETNet -

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