



Australian Government

Assessment Requirements for MSS405076 Facilitate the development of a new product

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Workplace outcome changed. Supersedes and is not equivalent to MSS405075 Facilitate the development of a new product.

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:

- interpret at least one new product design and facilitate the development, trialling and standardisation of its production

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- organisation's strategic goals and objectives relevant to new product
- new product/application requirements, expected performance outcomes and key indicators
- current and emerging approaches to sustainable product design and production
- types of materials and components suitable for the new product design and their impact on sustainability, customer perceived value and organisation objectives
- alternative processes, plant and/or equipment for making the new product and their impact on sustainability, customer perceived value and organisation objectives
- methods and criteria for decision making
- determination of process capability
- appropriate sampling and testing for materials, components and products
- determination of processing time, product cost, benefit cost of the new product
- interpretation of trial and/or field test results
- underpinning values relevant to competitive systems and practices and application to production design including at least 5 of the following:
 - respect for people
 - respect for process
 - transparency and culture of learning
 - creation of value and customer perceived value
 - empowered teams and devolved decision making and/or strategy deployment
 - go and see and/or go to the source decision making
 - rapid cycle or iterative development
 - empirical development.

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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:
 - • product design
- modelling of industry operating conditions, including:
 - functioning competitive systems and practices environment.

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=5b04f318-804f-4dc0-9463-c3fb9a3fe998>