



Australian Government

Assessment Requirements for MSTGN4020 Contribute to the development of products or processes

Release: 1

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Modification History

Release 1. Unit Code and Application changed. Elements and Performance Criteria simplified with Element 1 removed. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTGN4007 Contribute to the development of products or processes.

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:

- contribute to the development of at least two different products or processes.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key workplace considerations for sector of work and type of product, including:
 - product and process development procedures
 - equipment operation and capabilities
 - skill capabilities
 - materials features and performance
 - work health and safety and environmental considerations
- feasibility study and sampling procedures and considerations for their use, including:
 - sampling
 - trial run production
 - consideration of machine capabilities
 - availability of resources
 - required quality
 - cost
- types of trials used assess if production can proceed, and how they are conducted, including:
 - confirming and clarifying requirements
 - liaising with production area
 - allocating work
 - reviewing and evaluating processes and products

- performing trials
- interpreting data and analysing results
- reporting processes.
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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:
 - provisional specifications on which development is based
 - textile production facility, equipment and materials
 - a work team
 - workplace procedures.

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=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>