



Australian Government

MSTGN4019 Plan and implement production within a work area

Release: 1

MSTGN4019 Plan and implement production within a work area

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 MSTGN4005 Plan and implement production within a work area.

Application

This unit describes the skills and knowledge required to establish production requirements, organise human and physical production resources and monitor work flow to ensure production efficiency in a textiles, clothing and footwear (TCF) workplace.

This unit applies to individuals organising production within a team. Discretion and judgement may be required, for both self and others, in planning and selecting processes, procedures or outcomes.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Generic

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for production	1.1 Identify projected quantity and quality requirements from work documentation 1.2 Identify production capacity, process and material handling options 1.3 Establish human and physical resources required for production 1.4 Prioritise work and identify process steps required to ensure efficient use of resources 1.5 Prepare production schedule and supporting documentation in accordance with workplace procedures
2. Organise resources	2.1 Organise work team based on production needs and in accordance with workplace procedures and industry practices

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.2 Organise required facility, equipment and materials in accordance with production schedule and work health and safety requirements
3. Implement and monitor work flow	3.1 Implement production in accordance with schedule and monitor work flow to make sure schedule is maintained 3.2 Use workplace methods to direct work to each work area or location 3.3 Identify potential and actual congestion areas and take action to streamline work flow 3.4 Identify potential areas for troubleshooting and prepare contingency measures 3.5 Coordinate systematic variations to the production plan to ensure production meets the schedule and specifications 3.6 Maintain production records and prepare reports in accordance with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret potentially detailed and technical production and materials information
- Writing skills to integrate information from a range of sources and use logical structure in drafting reports
- Oral communication skills to provide production instructions and guidance to team members
- Numeracy skills to make estimates for production scheduling.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Supersedes and is equivalent to MSTGN4005 Plan and implement production within a work area.

Links

Companion Volume implementation guides are found in VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN4019 Plan and implement production within a work area

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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:

- plan and implement production of textile products on at least two occasions.
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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:
 - work organisation systems and workplace
 - equipment operation and capabilities
 - materials features and performance
 - work health and safety and environmental considerations
 - current and emerging textiles, clothing and footwear (TCF) design and production processes, including those related to sustainability and supply chain
- production planning and implementation, including:
 - establishing an overall plan for manufacture/product delivery
 - considerations for different types of production, including repetitive runs, short runs, quick changes, diversity of styles, indent orders and stock services replenishment
 - production scheduling and inclusion in a production schedule
 - methods of production and their advantages and disadvantages, including:
 - just in time
 - quick response
- ways of monitoring production and how to respond to typical production problems
- production recording and reporting requirements.
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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:
 - production specifications or orders
 - textile production facility, equipment and materials
 - a work team
 - workplace procedures.

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

Links

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