



Australian Government

MSTCL3011 Contribute to garment production process improvements

Release: 1

MSTCL3011 Contribute to garment production process improvements

Modification History

Release 1. Supersedes and is equivalent to LMTCL3011B Contribute to garment production process improvements

Application

This unit of competency covers the skills and knowledge required to review production processes in garment production and contribute to identifying and implementing improvements.

The unit of competency applies to providing input to improvements in the range of clothing production environments, including volume and custom production.

Improvement contributions may be made to any part of the production process. Work may be self-directed and unsupervised.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Clothing production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times

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|---|--|-----|--|
| | | 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare to contribute to process improvements | 2.1 | Identify key elements of production requirements |
| | | 2.2 | Review production processes and workplace procedures |
| | | 2.3 | Identify methods of monitoring production outcomes |
| | | 2.4 | Assess garment production outcomes against production goals |
| 3 | Identify improvement opportunities | 3.1 | Identify opportunities for improvement |
| | | 3.2 | Make suggestions for improvement |
| | | 3.3 | Test improvement with appropriate personnel |
| | | 3.4 | Provide reports, records and recommendations for improvement |
| | | 3.5 | Identify implications of improving aspects of production process |
| 4 | Implement improvement | 4.1 | Identify desired result of improvement and establish method of measuring outcome |
| | | 4.2 | Identify methods of addressing any possible negative implications and implement |
| | | 4.3 | Consult with relevant personnel to communicate improvement |
| | | 4.4 | Implement improvement and monitor outcome to review if it is effective in achieving desired result |
| | | 4.5 | Make adjustments to improvement as required |

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

- Workplace procedures include one or more of the following:**
- requirements prescribed by legislation, awards, agreements and conditions of employment
 - SOPs
 - work instructions
 - PPE
 - oral, written and visual communication
 - quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
 - housekeeping
 - tasks related to environmental protection, waste disposal, pollution control and recycling
 - WHS practices
- Australian Standards include:**
- the relevant industry or Australian Standards that are current at the time this unit is being undertaken
- Garment production processes include one or more of the following:**
- receiving and processing of fibres or fabric
 - identification of fibre and fabric quality
 - lay-up and cutting of fabric
 - making marker
 - pressing
 - specialist machine use, such as binding, moulding and embroidery
 - pattern design, modification and development
 - sewing, and machine processes
 - repairs and alterations
 - blocking and shaping
 - trimming and finishing
 - testing and inspecting

	• despatch, storage and packing • finishing processes • WHS • housekeeping • waste minimisation and disposal
Value chain includes:	• the entire chain of production from raw materials to distribution of final product
Suppliers include one or more of the following:	• suppliers of fibres, fabrics, trims, buttons, zips, thread and components used in garment production • personnel, specialist support and contractors • despatch, warehousing and transport operators • publicity and promotional suppliers • machinery and equipment suppliers, and repair contractors
Production waste includes one or more of the following:	• unusable materials and off-cuts • delays • movement and transport • poor process design • inventory • inefficient performance of a process • making defective items
Tests include one or more of the following:	• trial • verify • pilot • measure against research
Appropriate personnel include one or more of the following:	• managers • supervisors • colleagues • specialist staff
Opportunities for improvements include one or more of the following:	• production practice • documentation • supply • despatch

- operator practices
- safety
- quality
- housekeeping

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTCL3011B Contribute to garment production process improvements

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 MSTCL3011 Contribute to garment production process improvements

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- reviewing production processes for garments
- identifying methods of monitoring production outcomes
- assessing garment production outcomes against production goals
- identifying and assessing improvement opportunities for at least two (2) elements of the production process
- testing improvements with appropriate personnel and identifying implications of improving aspects of production process
- providing reports, records and recommendations for improvement
- evaluating implications of improvement
- communicating process improvement options
- implementing improvement and monitoring outcome to review if it is effective in achieving desired result
- making adjustments to improvements as required.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- the range of garment production processes
- key elements of garment production process:
 - key customers and their needs and expectations
 - garment production processes and how they contribute to the value chain
 - key suppliers their role in the value chain
 - enterprise quality standards for critical points of production process
 - enterprise production requirements
- garment production tools, materials and equipment

- production requirements:
 - timing requirements
 - quantity
 - quality
 - specific order requirements
 - procedural requirements
 - work health and safety (WHS) practices
 - personnel
 - resource use
- quality standards applying to garment handling procedures, construction processes and finished product
- improvement relevant to any part of the production process, including production practices, documentation, supply, despatch, operator practices, safety, quality and housekeeping
- impact of incorrect production techniques on garment construction
- workplace communication procedures
- sequence of operations in the production process
- production suppliers and value chain concepts
- quality standards and practices relevant to garment production
- workplace procedures
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in contributing to garment production process improvements, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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