



Australian Government

MSTTD5002 Design and produce woven tapestry products

Release: 1

MSTTD5002 Design and produce woven tapestry products

Modification History

Release 1. Supersedes and is equivalent to LMTTD5002A Design and produce woven tapestry products

Application

This unit of competency covers the skills and knowledge required to develop designs and produce woven tapestry products to meet a specified design brief.

This unit of competency applies to interpreting and analysing a design brief and developing a design for woven tapestry products, such as miniatures, large commissions, shaped tapestries, interior or exterior applications, domestic objects and wall pieces.

The design brief may be determined by a client, trainer or supervisor and may be applied to a particular context within the textile industry. The design brief includes specifications for the woven tapestry product and design may be developed using manual or computer-aided design (CAD) tools.

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

MSTTD4004 Produce woven tapestry samples

Competency Field

Textile design and development

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 | 1.1 | Follow standard operating procedures (SOPs) |
|---|----------------------|-----|---|

	requirements	1.2	Comply with work health and safety (WHS) requirements at all times
		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 design and produce woven tapestry products	2.1	Interpret design requirements and specifications from brief and analyse elements of design
		2.2	Develop design to meet design brief and in line with principles of design and product purpose
		2.3	Use communication tools to present tapestry design for feedback
		2.4	Respond to feedback, adjust design accordingly and confirm design for production
		2.5	Plan production of woven tapestry design sample
3	Produce woven tapestry design sample	3.1	Set up workstation, tools and equipment according to specifications
		3.2	Check yarns to be woven against quality standards
		3.3	Undertake tapestry techniques to meet design specifications for sample and according to workplace procedures
		3.4	Check tapestry sample to ensure it meets quality standards, including colour density, yarn suitability and warp to weft ratio
4	Evaluate design and production processes	4.1	Assess tapestry sample against design specifications, cartoon and design brief
		4.2	Identify tapestry faults and recognise design or production problems
		4.3	Analyse design and evaluate to identify opportunities for improvement

- 4.4 Evaluate production process to identify opportunities for improvement
- 4.5 Document process and improvements

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

Tapestry products include one or more of the following:

- miniatures
- large commissions
- shaped tapestries
- interior or exterior applications
- domestic objects
- wall pieces
- home furnishings

Plan production of woven

- identifying technical aspects of production

tapestry design sample includes:

- completing specification sheet to guide production
- undertaking calculations to determine yarn quantities
- developing tapestry cartoon
- selecting and preparing materials, tools and equipment required for production

Sample tapestry includes one or more of the following:

- complete tapestry
- sample tapestry

Yarns include one or more of the following:

- weft yarns:
 - wool
 - cotton
 - silk
 - novelty yarns
- warp yarns:
 - cotton
 - seine
 - twine

Tapestry tools and equipment include one or more of the following:

- loom
- bobbins
- scissors
- cotton
- seine
- twine
- weft yarn
- plumb bob
- spirit level
- marking pen
- ruler
- masking tape
- tapestry needles
- CAD programs
- computer equipment

Tapestry weaving techniques include one or more of the following:

- hitching on and off
- plain weave in open and closed passes
- high and low turns
- weaving of simple shapes (triangles, curves and circle)

- hatching methods, regular and random
- colour blending and tonal gradation
- half passing
- joins
- soumak, knot and surface texture

Analyse and evaluate design includes one or more of the following:

- skill and efficiency
- variation of tapestry effects
- compatibility of finishing procedures to design function
- quality
- suitability of materials

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTD5002A Design and produce woven tapestry products

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 MSTTD5002 Design and produce woven tapestry products

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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
- analysing and interpreting design brief
- developing design to meet design brief and in line with principles of design and product purpose
- using communication tools to present tapestry design for feedback
- evaluating and modifying designs
- determining production requirements
- producing at least two (2) tapestry design products to meet design specifications
- using a variety of yarn types
- assessing tapestry against design specifications, cartoon and design brief
- evaluating quality, identifying faults, addressing design and production problems and determining opportunities for improvement
- documenting process and improvements.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- elements of tapestry design:
 - line
 - shape and silhouette
 - colour
 - texture
 - value
- principles of design:
 - repetition
 - gradation
 - rhythm
 - radiation

- harmony
- contrast
- dominance
- proportion
- balance
- unity
- characteristics of yarns
- information resources on fibres and fabrics
- historical tapestry techniques
- contemporary trends in tapestry
- tapestry modification techniques
- tapestry techniques
- typical tapestry fault conditions:
 - shrinkage or ballooning of edges
 - exposure of warp
 - holes
 - foreign matter
- fault-finding procedures
- types and styles of tapestries
- simple equipment maintenance techniques
- specification sheets:
 - budget
 - type of product
 - style requirements (yarns, fibres and colours)
 - application
 - timeline
 - design restrictions or conditions
 - yarn costs
 - weight and drape of fabric
 - colour ways
 - fashion trends
- communication tools:
 - inspiration board
 - storyboard
 - design concepts
 - research information
 - multimedia tools
 - yarn samples
 - colour chips
 - colour and fashion forecasting references

- illustrations
- production sketches
- quality practices
- 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 designing and producing woven tapestry products, 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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