



Australian Government

MSTTF2005 Translate information into measurements or diagrams

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTTF2005A Translate information into measurements or diagrams

Application

This unit of competency covers the skills and knowledge required to translate information received orally and by other means on customer requirements into hard copy form for costing and production purposes.

Work may include interaction with enterprise clients either individually or in collaboration with other personnel from the operator's enterprise.

Work may be conducted in operational indoor or outdoor workplaces

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision.

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

Pre-requisite Unit

Nil

Competency Field

Textile fabrication

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.

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|---|--|-----|--|
| 1 | Prepare to translate information into measurements or | 1.1 | Identify customer requirements from customer information |
| | | 1.2 | Review customer information to ensure all required data is available |

	diagrams	1.3	Seek additional information, as needed
		1.4	Locate and interpret technical information about products, materials, equipment and operating procedures, as required, for processing customer request
		1.5	Follow workplace procedures and instructions
2	Identify components, products and services	2.1	Develop concept of completed product or service
		2.2	Determine required accessories, attachments and other components
		2.3	Determine anchor points, and types and sizes of openings
		2.4	Identify potential difficulties or hazards associated with manufacture of the product or provision of the service
		2.5	Identify environmental features, regulations, insurance requirements, legal requirements and other factors which may affect the product or service to be provided
3	Develop graphical information to help define customer requirements	3.1	Apply knowledge of customer requirements to produce freehand sketches or diagrams illustrating the customer's requirements
		3.2	Transfer dimensions and angles on to the sketch or diagram accurately
		3.3	Mark out positions of attachments, openings, fittings or inserts accurately and clearly
		3.4	Show positions of ropes, struts, retractors or supports clearly
		3.5	Develop and incorporate details of gussets, pockets, hips and other features in the sketches, diagrams or drawings
		3.6	Calculate dimensional allowances for cutting, rolled edges, joins and reinforcements, and incorporate in the sketches, diagrams or drawings
		3.7	Make provision for seams, joins and overlaps and check all dimensions and angles are accurate

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|---|-----------------------------|--|
| | 3.8 | Use tools, equipment and resources to WHS practices |
| | 3.9 | |
| 4 | Finalise information | |
| | 4.1 | Prepare final sketches, diagrams and drawings manually or using computer-aided design (CAD) system to confirm customer requirements and provide feedback to customer |
| | 4.2 | Store information, sketches, diagrams and drawings according to workplace procedures |
| | 4.3 | Pass on graphical information to personnel within the organisation responsible for further action |

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
- standard operating procedures (SOPs)
- work instructions
- 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

Tools, equipment and resources include one or more of the following:

- measuring equipment
- rules
- squares
- protractors
- calculators
- computers and software ,including computer applications involving geometric constructions and surface area calculations

WHS practices: WHS practices include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- manual handling techniques
- SOPs
- personal protective equipment (PPE)
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- environmental practices

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>