



Australian Government

Assessment Requirements for MSTGN4012 Fabricate or machine tooling

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTGN4012A Fabricate or machine tooling

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 and specifications
- applying relevant standards
- establishing tooling requirements
- operating machines or equipment appropriately
- fabricating or machining tooling accurately on at least two (2) occasions
- liaising with engineer or external supplier
- communicating effectively with design team and customers
- checking outcomes against quality standards and specifications
- applying work health and safety (WHS) policies in work operations
- maintaining accurate records, document and transfer information
- applying workplace procedures.

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
- procedures for set up and operation of machinery
- procedures for forming and shaping
- relevant standards
- quality requirements
- materials used in production
- WHS and environmental aspects of relevant enterprise activities
- workplace procedures and reporting processes
- relevant WHS legislation and codes of practice
- WHS practices, including hazard identification and control measures
- recording and reporting practices
- workplace procedures.

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 fabricating machine tooling, 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.
- The unit is applicable to all TCF sectors and assessment must ensure it is delivered to suit the industry it is being applied to.

Links

Companion Volume implementation guides are found in VETNet -

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