



**Australian Government**

# **Assessment Requirements for MSTGN6003**

## **Research and evaluate processes and products**

**Release: 1**

# **Assessment Requirements for MSTGN6003 Research and evaluate processes and products**

## **Modification History**

Release 1. Supersedes and is equivalent to LMTGN6003B Research and evaluate processes and products

## **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
- investigating developments in technology and digital capabilities and identifying implications of global and domestic trends on local industry for at least one (1) product or process
- identifying manufacturing capabilities for at least one (1) product or process in consultation with relevant personnel, interpreting specifications and establishing resources are available
- consulting with production development, sales and marketing team, management and client where required, to clarify parameters and establish procedures
- developing a strategy plan specifying resources required, and a critical path plan where necessary
- compiling relevant information and preparing reports for presentation to relevant personnel, to evaluate products or processes.

## **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
- industry and product processes
- product and process development procedures
- machine and equipment, resource and skill capabilities within the workplace
- links across the industry, global and local trends
- research sources
- quality standards and practices
- work health and safety (WHS) practices, including hazard identification and control measures
- workplace practices
- 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 researching and evaluating processes and 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.
- 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>