



Australian Government

Assessment Requirements for MSTGN4008

Analyse product and determine machine settings

Release: 2

Assessment Requirements for MSTGN4008 Analyse product and determine machine settings

Modification History

Release 2. Supersedes and is Not equivalent to LMTGN4006A Evaluate equipment and systems

Release 1. Supersedes and is equivalent to LMTGN4008A Analyse product and determine machine settings

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
- confirming product and material specifications to determine production parameters for at least two (2) TCF products
- calculating and interpreting technical data to interpret specifications for machine settings
- determining product requirements and limitations of identified machine/s
- carrying out modifications or customisation, as required
- determining, recording and communicating machine settings for at least two (2) products to appropriate people
- complying with relevant 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
- material and product characteristics
- measuring, calculating and testing procedures
- machine and equipment specifications and settings
- setting and adjustment requirements
- relevant technical specifications manuals
- 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 analysing product and determining machine settings, 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>