



Australian Government

Assessment Requirements for MSTGN4003 Install and commission process and machine control programs

Release: 1

Assessment Requirements for MSTGN4003 Install and commission process and machine control programs

Modification History

Release 1. Supersedes and is equivalent to LMTGN4003A Install and commission process and machine control programs

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
- installing automatic process and machine control program
- selecting and using appropriate loading technique
- performing checks to ensure accurate data transfer
- commissioning automatic process and machine control program
- checking program instructions
- running program to ensure compliance with specifications
- monitoring performance
- maintaining accurate records
- following 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
- appropriate installation and commissioning procedures
- quality requirements and relevant standards
- machine and equipment manufacturer specifications and instructions
- safety and environmental aspects of relevant workplace activities
- 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 installing and commissioning process and machine control systems, 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>