



Australian Government

Assessment Requirements for MSTGN4013

Manage technical processes

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTGN4013A Manage technical processes

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
- interpreting resources and procedures requirements of technical process, and confirming schedules and technical resources with relevant personnel
- allocating tasks and roles to relevant personnel and matching personnel to tasks and roles
- facilitating problem solving associated with process variations
- analysing process parameters
- monitoring safety, including chemical handling
- monitoring process improvements and variations to ensure outcome meets specifications, production schedule and workplace requirements
- collating and analysing data to evaluate the effectiveness of process improvements or variations
- maintaining accurate records.

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 and technical processes and equipment and resources
- technical processes of relevant sector: for tanning or processing hides, skins or leather; manufacturing fibres, yarns or fabrics; and dying finishing or printing textile products
- technical and specified process parameters
- characteristics of raw materials and their properties
- processing, measurement, matches (dyes and finishes)
- monitoring processes and procedures
- quality standards and manual handling procedures
- work health and safety (WHS) and environmental aspects of relevant processes, including use of chemicals
- workplace procedures and reporting and documentation processes and procedures

- chemical processes relating to production
- WHS practices, including hazard identification and control measures
- safe handling of chemicals
- 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 managing technical processes, 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>