



Australian Government

Assessment Requirements for MSTTX2007

Operate a machine for intermediate production support

Release: 1

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Modification History

Release 1. New unit

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
- checking specifications for production and following workplace procedures
- identifying and undertaking preliminary operations according to enterprise requirements, and following required procedures to prepare materials and equipment for operations
- checking machine safety equipment, recognising risks and potential hazards, and reporting any faults
- loading and unloading materials according to machine and workplace procedures
- starting, operating, stopping, re-starting and monitoring machine operations in accordance with manufacturer requirements
- monitoring machine operations, coordinating materials, sorting waste and cleaning machine according to enterprise procedures
- identifying and reporting minor faults in materials, process and machine that may impact on machine operation or product quality
- reporting major machine or product faults
- operating at least one (1) machine or machine type to provide intermediate production support in accordance with manufacturer requirements, to produce textile material or product, on at least two (2) occasions
- checking output and identifying and reporting routine machine or product faults or problems, to meet quality standards
- despatching product to next process according to production sequence and following operations
- applying workplace procedures
- 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

- at least one machine or machine type associated with textile production in an identified context, and the type of product they produce. Machine type may be selected from those listed in the following groups:
 - machines for knitting:
 - circular knitting machines
 - electronic and automatic flat knitting machines
 - machines for spinning:
 - spinning machines
 - drawing machines
 - roving machines
 - twisting machines
 - winding machines
 - carding machines:
 - burr handling systems
 - air filtration equipment
 - combs
 - doffer waste system
 - blending systems
 - compressed air and hydraulic systems
 - tufting looms:
 - winding machines
 - finishing equipment
 - other ancillary equipment
 - weaving machines:
 - weaving looms
 - broadloom
 - narrowloom
 - all shuttle types
 - Jacquard looms
 - microprocessor or computer controlled looms
 - dyeing machines
 - finishing machines
- procedures and guidelines for safe operation of machine
- material or product requirements for the machine operation
- operational sequence of machine and stages of operation
- textiles and products produced by textile production machines:
 - fibres, including polyester, cotton, wool, viscose and rayon
 - yarns, including ring spun, open-ended spun, air jet spun and friction spun
 - fabrics

- finished products of the identified machine type, for example socks, sweaters, towels, sheets, blankets, carpets, rope and twine, mops and industrial textiles
- typical fault conditions and related fault-finding procedures
- details of materials and processes associated with preparing the machine type for production
- types and characteristics of fibres, threads, yarns and other materials required for textile operations
- characteristics of quality and substandard products
- machine maintenance and repair techniques
- procedures for checking, reporting and re-starting after stoppage
- finishing processes
- technical specifications manuals
- quality standards and practices
- standards for clean and tidy working environment
- work health and safety (WHS) hazards and risks
- appropriate handling of waste
- 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 operating a machine for intermediate production support, 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.
- Assessment may relate to an identified sector, enterprise, process or machine type and function, according to job role.

Links

Companion Volume implementation guides are found in VETNet -

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

