



Australian Government

Assessment Requirements for MEM19020 Fault find and maintain micro-mechanisms

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM19020B Fault-find and maintain micro-mechanisms

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- dismantling and removing components using appropriate hand tools and reassembling components in correct sequence to required position without damage
- inspecting timepiece to check operation and determine faults, damage and unserviceable components
- cleaning and maintaining components using appropriate tools and techniques
- verifying operation of components and assemblies
- adjusting components, assemblies and mechanisms to ensure correct operation.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- features, nomenclature and operation of components and assemblies
- techniques, tools and procedures for handling, dismantling, removing, assembling and installing components
- common faults and maintenance requirements for timepieces
- impact of faults and maintenance requirements on performance
- required checks and verification processes to assess condition of components
- fault-finding procedures
- typical contaminants and their effects on operation of components
- lubricants and lubrication techniques
- cleaning requirements for ensuring correct operation
- procedures and techniques for adjusting components and operational specification for components and assemblies.

Assessment Conditions

- Assessors must:
 - have vocational competency in fault-finding and maintaining micro-mechanisms at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- Where possible assessment must 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 that reflects 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
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications
- 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.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>