



Australian Government

Assessment Requirements for MEM21008 Service mechanical watches

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM21008A Service mechanical watches

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
- identifying various mechanical watches by function, escapement and quality
- liaising with customer, verifying condition and performance and identifying repair costs
- dismantling watch case and movement components for servicing in an appropriate work environment
- inspecting condition of case components and movement sub-assemblies for originality of components, corrosion, cleanliness and wear
- servicing watch case, movement, sub-assemblies by replacing faulty or worn component parts and selecting appropriate cleaning method
- using appropriate hand tools and equipment in carrying out service in a clean and safe work environment
- reassembling watch, movement and case components and verifying and adjusting hand setting tension
- applying correct amount and type of lubrication in accordance with manufacturers' specifications
- undertaking function and watch performance and rating tests
- recording and documenting repairs.

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)
- types of mechanical watches by function, escapement and quality
- function and operating principles of mechanical watches
- component parts of a mechanical watch mechanism
- manufacturer specification and tolerances for lubrication, performance and time keeping
- dismantling/reassembling techniques of watch movements according to procedures and manufacturer guidelines
- watch cleaning methods

- techniques for servicing mechanical watches
- band construction and components.

Assessment Conditions

- Assessors must:
 - have vocational competency in servicing mechanical watches 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>