



Australian Government

Assessment Requirements for MEM21014 Service mechanical chronograph watches

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM21014A Service mechanical chronograph 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 type of chronograph watch mechanisms and components
- liaising with customer, verifying condition and performance, and identifying repair costs
- dismantling, assembling and cleaning chronograph watches using correct techniques in an appropriate work environment
- inspecting, fault finding and adjusting chronograph mechanisms and components
- using appropriate hand tools and equipment to carry out service in accordance with procedures
- performing function and performance testing of chronograph action
- performing chronograph dial and hand fitting, including hand fitting tools and supports, and alignment and synchronisation
- selecting and applying lubricants in accordance with manufacturers' specifications
- verifying watch
- 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)
- basic functions and operations of the chronograph or stop watch
- identification of the component parts of a chronograph watch mechanism
- pre-service inspection and fault-finding techniques for chronograph action, function and depthings
- inspections and adjustments techniques of mechanical chronograph mechanisms
- dismantling/reassembling techniques for mechanical chronograph watches in accordance with procedures and manufacturer guidelines
- manufacturer specification and tolerances for lubrication, performance and timekeeping
- chronograph watch case construction, and pushbuttons and pendants servicing

- band construction and components.

Assessment Conditions

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