



Australian Government

**Assessment Requirements for MEM06007
Perform basic incidental heat/quenching,
tempering and annealing**

Release: 1

Assessment Requirements for MEM06007 Perform basic incidental heat/quenching, tempering and annealing

Modification History

Release 1. Supersedes and is equivalent to MEM06007B Perform basic incidental heat/quenching, tempering and annealing

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 and interpreting specifications, manufacturer instructions, charts, lists, sketches and other applicable reference documents to perform basic incidental heat/quenching, tempering and annealing
- setting up and operating heating equipment to treat material to achieve required result.

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)
- characteristics and applications of heating/quenching, tempering and annealing processes
- specifications for heating/quenching, tempering and annealing
- process for heating/quenching, tempering and annealing different materials
- correct operation and adjustment of heating equipment.

Assessment Conditions

- Assessors must:
 - have vocational competency in performing basic incidental heat/quenching, tempering and annealing 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>