



Australian Government

**Assessment Requirements for MEM08006
Produce clear and/or coloured and/or
sealed anodised films on aluminium**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM08006B Produce clear and/or coloured and/or sealed anodised films on aluminium

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
- preparing aluminium and aluminium alloy work pieces for anodising, including masking up
- loading work and carrying out pre-treatment steps, including connecting the work to the required electrical current
- producing clear and coloured and sealed anodised films on aluminium and its alloys by maintaining process parameters
- sealing and dyeing anodised work to specifications.

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)
- process for anodising aluminium
- materials, techniques and procedures for masking materials during anodising
- causes of contact marks and shielding during the anodising process and procedures for minimising contact marks and shielding
- procedures for connecting the work to the electrical current and the electrical current required for the anodising process
- methods for correctly loading work and recognising incorrectly loaded work
- reasons for rejecting incorrectly loaded work
- steps to be carried out in the seal/dye and seal process
- procedures and reasons for monitoring and maintaining the process parameters within the specified limits.

Assessment Conditions

- Assessors must:

- have vocational competency in producing clear and/or coloured and/or sealed anodised films on aluminium 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>