



Australian Government

Assessment Requirements for MEM08007 Control surface finish production and finished product quality

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM08007B Control surface finish production and finished product quality

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
- applying quality standards to production processes in order to meet enterprise/industry specifications
- safely handling surface finished products when undertaking quality testing and control
- undertaking testing of surface finishes in the production environment to industry standards
- liaising effectively with internal/external control laboratory
- analysing results and other data to implement effective process changes/corrections
- using appropriate tests, test equipment and techniques to test the surface coating for conformance with 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)
- enterprise and industry quality assurance standards that apply to surface finish production and product quality
- role of the control laboratory and procedures for liaising with internal/external control laboratories
- surface finish specifications
- characteristics of deviations of test/production data and their causes
- procedures, calculations and formulae for determining surface finish process parameters
- effect of varying process parameters on the specification of the surface finish
- surface coating tests and the procedures, equipment and techniques necessary to carry out those tests
- manual handling techniques.

Assessment Conditions

- Assessors must:
 - have vocational competency in controlling surface finish production and finished product quality 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>