



Australian Government

Assessment Requirements for MEM26015 Select and apply repair techniques

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM26015A Select and apply repair techniques

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, formulas/recipes and batch sheets for selecting and applying composites repair techniques
- considering all reasonably available composites repair techniques and materials when selecting and choosing the appropriate technique
- undertaking appropriate incidental design which includes minor design incidental to conducting a composites repair, as required
- short listing and evaluating appropriate composites repair techniques
- undertaking composites repair to meet product requirements
- identifying areas for improvement and taking appropriate action
- completing all documentation and reports, including items requiring further action, in accordance with SOPs.

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)
- different composites repair techniques (e.g. patch repair, honeycomb repair and resin surface repair), uses and limitations
- dedicated composites repair materials
- blocking techniques
- hot bonders
- temporary moulds
- repairing internal or external surfaces
- repairing against a mould
- mixing and using gel coat and gel coat additives (e.g. filler, wax, catalyst and pigment)
- laminate defects, including air entrapment, moisture entrapment, osmosis and delamination.

Assessment Conditions

- Assessors must:
 - have vocational competency in selecting and applying repair techniques 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>