



Australian Government

Assessment Requirements for MEM25007 Maintain marine vessel surfaces

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM25007B Maintain marine vessel surfaces

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 to establish appropriate cosmetic maintenance/repair requirements, including cosmetic environmental and other damage
- identifying surface coating of different sectors of the marine vessel surfaces and detecting faults, flaws and breakdown in surface integrity
- identifying and taking actions to minimise risks associated with toxic materials
- selecting and using appropriate cleaning tools, equipment and materials to clean/etch surfaces
- removing fittings and preparing parts/sections in need of repair and carrying out repairs using and applying fillers, caulking compounds, sealants, adhesives and gel coats, where required
- preparing surfaces in readiness for application of surface finishing and protective coatings and applying/restoring in accordance with procedures and reinstalling/replacing fittings.

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)
- structure, component, and surface type identification
- written and verbal instruction and specification
- range of cleaning/etching/cutting solutions and compounds
- protective and preservative coatings
- fault and blemish identification
- types of fillers, caulking, sealants, adhesives and their uses
- operation of hand and mechanical tools including high- pressure cleaning devices
- methods of cleaning, performing cosmetic repair and surface preparation, finishing and preservation
- environmental impact of run-off and waste
- waste disposal obligations and regulations.

Assessment Conditions

- Assessors must:
 - have vocational competency in maintaining marine vessel surfaces 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>