



Australian Government

MARB015 Maintain firefighting appliances

Release: 1

MARB015 Maintain firefighting appliances

Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to maintain firefighting equipment. It includes following a maintenance program, working safely, carrying out maintenance and completing necessary maintenance documentation.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Not applicable.

Elements and Performance Criteria

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| 1 Prepare to carry out maintenance | 1.1 | Details of firefighting equipment and systems are ascertained from manufacturer documentation and equipment certification documentation |
| | 1.2 | Extent of maintenance to be conducted is established from maintenance schedule |
| | 1.3 | Tools, equipment and testing devices needed to carry out maintenance work are obtained and checked for correct operation and safety |
| 2 Carry out maintenance | 2.1 | Work is carried out according to maintenance schedule to ensure all items are correctly maintained |
| | 2.2 | Equipment and systems are checked and tested according to established procedures to determine whether it functions correctly, complies with approval documentation and is not subject to deterioration or damage |

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| | 2.3 | Equipment and systems are adjusted or repaired within limits permitted by equipment certification and according to manufacturer instructions |
| | 2.4 | Certification documentation for replacement equipment and systems is sighted to ensure it is identical to equipment it replaces, according to regulatory requirements |
| | 2.5 | Equipment being withdrawn from service is isolated safely according to regulatory requirements |
| | 2.6 | Spare equipment is maintained and suitably stored where it is not likely to suffer deterioration or damage |
| 3 Complete maintenance work inspections and documentation | 3.1 | Detailed inspection of equipment and systems subject to maintenance work is arranged according to regulatory requirements |
| | 3.2 | Results of inspections and maintenance activities are recorded according to regulatory and organisational requirements |
| | 3.3 | Appropriate personnel are notified of completion of maintenance and details are documented according to regulatory and organisational requirements |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

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| Firefighting equipment and systems must include: | <ul style="list-style-type: none">• closing appliances• fire pumps and fire main systems• fixed fitted detection and suppression systems• fixed installations• foam applicators• hoses• international ship-to-shore connection |
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- Deterioration or damage must include:
- nozzles
 - portable and semi-portable extinguishers
 - remote shut-offs
 - stretchers/ropes and lines
 - incorrect stowage of equipment
 - lack of required maintenance

Unit Mapping Information

This unit replaces and is equivalent to MARB3001A Maintain firefighting appliances.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>