



Australian Government

MEA105 Apply quality standards applicable to aviation maintenance

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency requires application of quality standards in the performance of aviation maintenance activities, including flight line/tarmac, hangar and workshop maintenance tasks, either individually or as a member of a team during scheduled or unscheduled maintenance.

The unit is applicable to all Aeroskills Maintenance training pathways.

The unit is used in workplaces that operate under the airworthiness regulatory systems of the Australian Defence Force (ADF) and the Civil Aviation Safety Authority (CASA).

Where a CASA licensing outcome is sought this unit forms part of the CASA requirement for the granting of the chosen maintenance certification licence under Civil Aviation Safety Regulation (CASR) Part 66, in accordance with the licensing provisions in the Companion Volume Implementation Guide.

Pre-requisite Unit

MEA101	Interpret work health and safety practices in aviation maintenance
MEA107	Interpret and use aviation maintenance industry manuals and specifications

Competency Field

Aviation maintenance

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|----------------------------------|---|
| 1. Interpret quality standards | 1.1 Standards or specifications set out in maintenance documents and process specifications are identified and interpreted |
| | 1.2 Enterprise quality requirements are identified and confirmed |
| 2. Apply quality standards | 2.1 Standards are applied appropriately for individual and team-related activities |
| | 2.2 Defects within the quality system are detected and reported in accordance with standard procedures, including workplace hazards |
| | 2.3 Documentation is handled and completed accurately and clearly to enable information to be easily read or interpreted |
| 3. Interpret quality improvement | 3.1 Performance monitoring measures are identified to ensure product or service standards are maintained or improved |

Foundation Skills

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

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Unit Mapping Information

Release 1 – equivalent to MEA105C Apply quality standards applicable to aviation maintenance processes

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>