

Title	Control the quality of work in an aeronautical maintenance workplace		
Level	6	Credits	30

Purpose	<p>This unit standard is intended for people controlling aeronautical engineering maintenance activities.</p> <p>People credited with this unit standard are able to: establish required quality levels for aeronautical engineering maintenance activities; ensure that quality of work output is maintained; control the standards of tools, equipment and publications; and ensure compliance with tool control procedures.</p>
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Classification	Aeronautical Engineering > Aeronautical Engineering Production Control
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Available grade	Achieved
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Guidance Information

- 1 All tasks are to be carried out in accordance with enterprise procedures, the enterprise being the organisation carrying out the work. Enterprise procedures referred to in this unit standard are the applicable procedures found in the following: enterprise exposition; manufacturer publications; Government and local body legislation; airworthiness authority requirements.
- 2 Production Control relates to the supervision and management of an aeronautical maintenance activity in the workplace. The production control role is distinct from the maintenance planning role.
- 3 *Aeronautical maintenance activity* – scheduled or unscheduled activities that may include: servicing, maintenance, repair, overhaul, recondition, rectification, fabrication or manufacture.
- 4 This standard is part of a group of five in the Production Control domain that relate specifically to the production control role in an aeronautical maintenance workplace. These units include: Unit 32829, *Initiate an aeronautical maintenance activity*; Unit 32830, *Conclude an aeronautical maintenance activity*; Unit 32831, *Control aeronautical defect rectification activities*; and Unit 32832, *Apply legislative and enterprise demands in the aeronautical maintenance workplace*.

Outcomes and performance criteria

Outcome 1

Establish required quality levels for aeronautical engineering maintenance activities.

Performance criteria

- 1.1 Required quality levels are identified from, and consistent with, agreed customer requirements.
- Range may include but are not limited to – instructions, maintenance specifications, contractual agreements, cost constraints, knowledge of customer expectations.
- 1.2 Required quality levels are identified and are consistent with internal policy and procedures.
- 1.3 Airworthiness authority requirements relevant to the aeronautical engineering maintenance activity being carried out are identified.
- Range may include but are not limited to – national requirements, international requirements.

Outcome 2

Ensure that quality of work output is maintained in an aeronautical maintenance workplace.

Performance criteria

- 2.1 Inspections and/or quality control checks are carried out to ascertain the quality of work produced in accordance with enterprise procedures.
- Range may include but are not limited to – progressive inspections, independent inspections, second checks, duplicate checks.
- 2.2 Worksite procedures are monitored to determine whether required quality levels are being achieved in accordance with enterprise procedures.
- 2.3 Staff knowledge and/or skill deficiencies that prevent quality levels being achieved are identified in accordance with enterprise procedures.
- 2.4 Costs are controlled in accordance with cost constraints.
- 2.5 Inspections are carried out on materials and spares to identify non-compliance with airworthiness standards in accordance with enterprise procedures.
- 2.6 Action is taken to rectify non-compliances in accordance with enterprise procedures.
- Range may include but are not limited to – quality of work output, procedures, skill levels, materials and spares.

Outcome 3

Control the standard of tools, equipment, and publications in an aeronautical maintenance workplace.

Performance criteria

- 3.1 Tools, equipment, and publications are checked to identify non-compliance with approved standards in accordance with enterprise procedures.

Range may include but are not limited to – precision measuring equipment, test equipment, lifting equipment, jigs and fixtures, manuals and publications.

- 3.2 Non-compliances relating to tools, equipment, and publications are rectified in accordance with enterprise procedures.

Outcome 4

Ensure compliance with tool control procedures in an aeronautical maintenance workplace.

Performance criteria

- 4.1 Tool control procedures are checked to identify non-compliance with enterprise procedures.

- 4.2 Non-compliance with tool control procedures is rectified.

Replacement information	This unit standard replaced unit standard 10802.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 July 2021	N/A
Rollover and Revision	2	27 June 2024	N/A

Consent and Moderation Requirements (CMR) reference	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Ringa Hora Services Workforce Development Council qualifications@ringahora.nz if you wish to suggest changes to the content of this unit standard.