

Title	Control the quality of aeronautical engineering production activities		
Level	6	Credits	15

Purpose	<p>This unit standard is intended for people controlling aeronautical engineering production activities.</p> <p>People credited with this unit standard are able to: establish required quality levels for aeronautical engineering production 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 Industry may require the concurrent assessment of Unit 10801, *Implement, monitor and control legislative and enterprise demands in the aeronautical workplace*.

Outcomes and performance criteria

Outcome 1

Establish required quality levels for aeronautical engineering production activities.

Performance criteria

- 1.1 Required quality levels are identified from, and consistent with, agreed customer requirements.

Range 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 activity being carried out are identified.

Range national requirements, international requirements.

Outcome 2

Ensure that quality of work output is maintained.

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 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 quality of work output, procedures, skill levels, materials and spares.

Outcome 3

Control the standard of tools, equipment, and publications.

Performance criteria

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

Range 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.

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 was replaced by unit standard 32833.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1997	31 December 2016
Revision	2	8 May 2001	31 December 2016
Review	3	19 May 2006	31 December 2016
Review	4	24 October 2014	31 December 2023
Review	5	29 July 2021	31 December 2026
Rollover	6	24 August 2023	31 December 2026

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>.