

Title	Charge or inflate aeronautical components using high-pressure charging equipment		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: prepare to charge or inflate aeronautical components; charge or inflate aeronautical components; and complete activities related to the charging or inflating of aeronautical components.
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Classification	Aeronautical Engineering > Aircraft Servicing
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Available grade	Achieved
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Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition
Enterprise procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 Gaseous charging may include air, nitrogen, carbon dioxide, but excludes oxygen.
- 4 The scope of the system that this standard relates to is described in the applicable chapters of ATA iSpec 2200.

Outcomes and performance criteria

Outcome 1

Prepare to charge or inflate aeronautical components.

Performance criteria

- 1.1 Task is determined by reviewing maintenance documentation and enterprise procedures.
- 1.2 Resources are obtained and checked for serviceability or status.

Range may include but is not limited to – publications, tools, equipment, safety equipment, materials.

- 1.3 Component to be charged or inflated is identified and matched with documentation.

Outcome 2

Charge or inflate aeronautical components.

Performance criteria

- 2.1 High-pressure charging equipment is matched with system to be replenished.
- 2.2 Component is charged or inflated.
- 2.3 Any defects are reported and documented.

Outcome 3

Complete activities related to the charging or inflating of aeronautical components.

Performance criteria

- 3.1 Completion activities specific to the task and work area are carried out.
- Range may include but is not limited to – tool control, cleanliness, tidiness, return of publications, preparation for next activity.
- 3.2 Resources are checked for serviceability and returned to service or storage.
- Range may include but is not limited to – tools, equipment, safety equipment.
- 3.3 Documentation is completed.

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	23 November 2017	31 December 2021
Review	2	26 March 2020	N/A
Rollover and Revision	3	26 April 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.