

Title	Replenish aircraft de-icing systems		
Level	4	Credits	2

Purpose	People credited with this unit standard are able to: prepare to replenish aircraft de-icing systems; replenish de-icing systems; and complete activities related to the replenishment of de-icing systems.
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Classification	Aeronautical Engineering > Aircraft Servicing
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Available grade	Achieved
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Guidance Information

- All tasks must be carried out in accordance with enterprise procedures.
- 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.
- Evidence for performance criterion 2.3 may be gathered under simulated conditions.
- 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 replenish aircraft de-icing system.

Performance criteria

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

Range	may include but is not limited to – publications, tools, equipment, safety equipment, materials.
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- 1.3 Aircraft registration and system to be replenished are matched with documentation.
- 1.4 Suitability of environmental conditions to carry out the replenishment task is checked.

Range may include but is not limited to – precipitation, airborne debris or dust.

Outcome 2

Replenish de-icing systems.

Performance criteria

- 2.1 Replenishment medium, container, and equipment are matched with system to be replenished.
- 2.2 System is replenished.
- 2.3 Initial action to be taken in an abnormal situation is demonstrated.
- Range may include but is not limited to – spillage, personal contamination by replenishment medium.
- 2.4 Any defects are reported and documented.

Outcome 3

Complete activities related to the replenishment of de-icing systems.

Performance criteria

- 3.1 Completion activities specific to the task and work area are carried out.
- Range may include but are 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 Leftover materials are disposed of.
- Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.
- 3.4 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	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	20 June 2006	31 December 2016
Review	5	18 June 2014	31 December 2021
Review	6	26 March 2020	N/A
Rollover and Revision	7	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.