

1. Title	Aircraft de-icing systems replenishment
2. Code	EMAMAG319A
3. Range	Aircraft de-icing systems replenishment is usually carried out on the aircraft in the hangar.
4. Level	3
5. Credit	2
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge      ♦ Understand the operation principles of aircraft de-icing system.</p> <p>6.2 Methods and procedures</p> <ul style="list-style-type: none"> <li>♦ Able to review the maintenance documents and procedures to decide on maintenance task.</li> <li>♦ Able to obtain and check the resources for serviceability or status in accordance with the procedures, e.g. tools, equipment, safety equipment, publications, materials.</li> <li>♦ Able to confirm the system to be replenished is matched with the aircraft registration and documentation.</li> <li>♦ Able to check the suitability of environmental conditions to carry out the replenishment task in accordance with the procedures, e.g. recipitation, airborne debris or dust.</li> <li>♦ Able to replenish the system in accordance with the procedures.</li> <li>♦ Able to confirm the replenishment medium, container and equipment are matched with system to be replenished in accordance with the procedures.</li> </ul>

	<p data-bbox="371 611 639 696">6.3 Professional approach</p> <ul style="list-style-type: none"> <li data-bbox="735 241 1481 434">◆ Able to take action in an abnormal situation in accordance with the procedures, e.g. pillage, personal contamination by replenishment medium.</li> <li data-bbox="735 454 1481 539">◆ Able to report and record non-conformities in accordance with the procedures.</li> <li data-bbox="735 611 1481 913">◆ Able to understand the legislative requirements, aviation authority requirements, manufacturers' publications and the maintenance organizations' approved maintenance practices and requirements in carrying out the task.</li> <li data-bbox="735 934 1481 1019">◆ Able to complete the task within the stipulated duration.</li> <li data-bbox="735 1039 1481 1232">◆ Able to complete the task in the work area in accordance with the procedures, e.g. tool control, cleanliness, tidiness, return of publications, preparation for next activity.</li> <li data-bbox="735 1252 1481 1337">◆ Able to complete the documentation in accordance with the procedures.</li> <li data-bbox="735 1357 1481 1550">◆ Able to check and return the resources for serviceability in accordance with the procedures, e.g. tools, equipment, safety equipment.</li> <li data-bbox="735 1570 1481 1762">◆ Able to handle unused materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous.</li> </ul>
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7. Assessment Criteria	The integral outcome requirement of this UoC are:  (i) Able to make preparation for the replenishment of aircraft de-icing system.  (ii) Able to replenish the de-icing system.  (iii) Able to complete all the requirements associated with the replenishment task.
8. Remarks	Ref: NZQA – 3912