

1. Title	Removal of coatings from aeronautical components by using plastic media blasting
2. Code	EMAMWS439A
3. Range	Aeronautical components coatings removal by means of plastic media blasting is usually carried out in the hangar.
4. Level	4
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge ♦ Understand the aircraft coatings removal methods and procedures.</p> <p>6.2 Methods and procedures</p> <ul style="list-style-type: none"> ♦ Able to review the maintenance documents and procedures to decide on maintenance task. ♦ Able to obtain and check the resources for serviceability or status in accordance with the procedures, e.g. materials, equipment, safety equipment, clothing, publications, hazard warning signs. ♦ Able to identify the aircraft, aircraft components or aeronautical equipment is matched with the documentation. ♦ Able to establish the working Environment in accordance with the procedures, e.g. temperature, lighting, ventilation, work area secured. ♦ Able to make preparation for the ground equipment in accordance with the procedures. ♦ Able to apply masking to aircraft, aircraft components or aeronautical equipment in accordance with the procedures.

6.3 Professional approach

- ◆ Able to remove coating using plastic media blasting in accordance with the procedures.
- ◆ Able to wash or clean the aircraft, aircraft components or aeronautical equipment in accordance with the procedures.
- ◆ Able to remove the aircraft, aircraft components or aeronautical equipment masking in accordance with the procedures.
- ◆ Able to perform inspections in accordance with the procedures, e.g. independent, duplicate, progressive.
- ◆ 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.
- ◆ Able to complete the removing coating system within the stipulated duration.
- ◆ Able to check the resources for serviceability in accordance with the procedures.
- ◆ Able to handle or recycle waste and surplus materials in accordance with the procedures, e.g. serviceable, unserviceable, surplus, waste, scrap, hazardous.
- ◆ 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, return of aircraft and systems to normal.
- ◆ Able to complete the documentation in accordance with procedure.

7. Assessment Criteria	The integral outcome requirement of this UoC are: (i) Able to make preparation for the remove of coatings. (ii) Able to remove the coatings from aircraft, aircraft components, or aeronautical equipment by plastic media blasting in cabinets or by using open blasting machines. (iii) Able to complete all the requirements associated with the task.
8. Remarks	Ref: NZQA - 4013