

1. Title	Aeronautical sheet metal shrinking and stretching	
2. Code	EMAMWS309A	
3. Range	Aeronautical sheet metal shrinking and stretching is performed in an aircraft hangar or workshop by using appropriate tools or machinery.	
4. Level	3	
5. Credit	8	
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Knowledge</p> <ul style="list-style-type: none"> ◆ Understand the operation principles of shrinking and stretching. ◆ Understand the characteristics of the aeronautical sheet metal used in aircrafts. <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. tools, materials, heat treatment state, equipment, safety equipment, publications. ◆ Able to manufacture form blocks to meet task requirements in accordance with the procedures. ◆ Able to mark out and cut sheet metal to meet specifications in accordance with the procedures ◆ Able to rectify the non-conformities in accordance with the procedures. ◆ Able to form sheet metal to specifications by shrinking and stretching in accordance with the procedures. ◆ Able to obtain and check the resources for serviceability or status in accordance with the procedures. 	

	<p>6.3 Professional approach</p> <ul style="list-style-type: none"> ◆ Able to deburr the work piece in accordance to produces. ◆ 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 task within the stipulated duration. ◆ Able to prepare the parts for storage, transit or use in accordance with the procedures. ◆ Able to return the work area in a condition enabling the next task to begin. ◆ Able to check and return the resources for serviceability in accordance with the procedures, e.g. tools, equipment, safety equipment, publications. ◆ Able to handle unused items, parts and materials in accordance with the procedures. ◆ Able to complete the documentation in accordance with the procedures, including: <ul style="list-style-type: none"> • labels, work cards, work orders, release notes, log books, certification
7. Assessment Criteria	<p>The integral outcome requirement of this UoC is:</p> <p>(i) Able to shape the aeronautical sheet metals by shrinking and stretching according to the specify requirements.</p>
8. Remarks	Ref: NZQA - 4081