

1. Title	Aircraft pipes and hoses installation, inspection and testing
2. Code	EMAMAG328A
3. Range	Installation and maintenance of aircraft pipes and hoses in an aircraft hangar or workshop during the aircraft grounded time.
4. Level	3
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Types of pipes and hoses and their connectors used in aircraft</p> <ul style="list-style-type: none"> ◆ Understand the differences of various types of rigid and flexible pipes and hoses, including : <ul style="list-style-type: none"> • identification and application • standard unions for aircraft hydraulic, fuel, oil, pneumatic and air system pipes <p>6.2 Methods</p> <ul style="list-style-type: none"> ◆ Able to execute the work with proper techniques, including flaring or clamping of pipes in accordance with the procedures. <p>6.3 Professional approach</p> <ul style="list-style-type: none"> ◆ Able to follow manufacturers' instruction or work manuals to perform the work. ◆ Able to adopt safety precautions according to the nature of the work (pressure that the pipes are subject to). ◆ Able to complete the task within the stipulated duration.
7. Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <p>(i) Able to install/ inspect/ test the aircraft pipes and hoses.</p> <p>(ii) Able to prepare reports to record the work.</p>
8. Remarks	<p>(Ref: HKAR-66 Module 6.6 & 7.9)</p> <p>The Credit in this UoC is on the assumption of the person already possessed basic knowledge in the manipulation of common tools.</p>