

1. Title	Bearings and seals installation, inspection and testing in engineering structures
2. Code	EMAMAG330A
3. Range	Tasks that work on structures installed with bearings and seals 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 Characteristics and applications ♦ Understand the characteristics and applications of bearings and seals, including :</p> <ul style="list-style-type: none"> • different types, materials and construction • cleaning and lubrication requirements • defects and their causes <p>6.2 Methods ♦ Able to execute the work with proper techniques in accordance with the procedures.</p> <p>6.3 Professional approach ♦ Able to follow manufacturers' instruction or work manuals to perform the work.</p> <ul style="list-style-type: none"> ♦ Able to adopt safety precautions according to the nature of the work. ♦ 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 bearings and seals in engineering structures.</p> <p>(ii) Able to prepare reports to record the work.</p>
8. Remarks	<p>(Ref: HKAR-66 Module 6.8, 7.11 & 15.8)</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>