

1. Title	Electronic equipment against electrostatic discharge handling
2. Code	EMAMCM202A
3. Range	Tasks that need to come into contact with electronic equipments such as replacement work or engineering work in the vicinity of these equipments. The job should be done in a specialist bay or workshop on components that have been removed from the aircraft.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Handling techniques</p> <ul style="list-style-type: none"> <li>◆ Understand the special handling techniques for equipment sensitive to electrostatic discharges : <ul style="list-style-type: none"> <li>• knowledge of electron theory and the theories of static electricity</li> <li>• identification of symbols for marking this type of components</li> <li>• possible risks/damages to be incurred with improper handling</li> <li>• uses of component and personnel anti-static protection devices</li> </ul> </li> </ul> <p>6.2 Handling methods</p> <ul style="list-style-type: none"> <li>◆ Apply special handling techniques and protection devices to deal with electronic equipment against electrostatic discharge in accordance with the procedures.</li> </ul> <p>6.3 Professional approach</p> <ul style="list-style-type: none"> <li>◆ Able to apply special handling techniques to deal with electronic equipment in accordance with the procedures.</li> <li>◆ Able to follow the maintenance manual instructions to handle the equipment.</li> </ul>

<p>7. Assessment Criteria</p>	<p>The integral outcome requirements of this UoC are:</p> <ul style="list-style-type: none"> <li>(i) Able to handle (e.g. transport from supplies stores to hangar) electronic equipment with appropriate methods so as to safeguard the equipment from electrostatic discharge and the potential damages.</li> <li>(ii) Able to describe and quote examples to illustrate the means to handle the equipment correctly.</li> <li>(iii) Able to make preparation for documents to explain the correct handling of electronic equipment.</li> </ul>
<p>8. Remarks</p>	<p>(Ref: HKAR-66 Module 3.1, 3.2 &amp; 5.12)</p> <p>The Credit in this UoC is on the assumption of the person already possessed foundation knowledge in electrostatic principles.</p>