

1. Title	Perform basic installation tasks for fire detection and alarm systems and equipment
2. Code	EMFSIN203A
3. Range	Perform basic installation tasks for fire detection and alarm systems and equipment at workshops or fire equipment installation points under instruction.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Functions and basic installation knowledge of fire detection and alarm systems and equipment</p> <ul style="list-style-type: none"> <li>◆ Understand the construction and functions of general fire detection and alarm systems and equipment such as: <ul style="list-style-type: none"> <li>• Conventional (electronic) type</li> <li>• Addressable (intelligent) type</li> </ul> </li> <li>◆ Capable to read simple installation drawings of fire detection and alarm systems and equipment</li> <li>◆ Understand basic installation requirements and specifications of such equipment</li> </ul> <p>6.2 Perform basic installation tasks for fire detection and alarm systems and equipment</p> <ul style="list-style-type: none"> <li>◆ Master basic installation procedures and methods for fire detection and alarm systems and equipment, including the procedures of material checking, cleaning, assembly, adjustment and simple testing</li> <li>◆ Prepare auxiliary materials and tools for installing fire detection and alarm systems and equipment</li> <li>◆ Install and set heat, smoke and flame detectors, audio/visual advisory systems, annunciation panels, batteries and chargers, etc. at suitable locations under instruction</li> <li>◆ Use basic workshop equipment and tools for class 1 fire service installation contractors, e.g. threading tools (for conduit), electric drill, bench fitting tools and multi-meter</li> <li>◆ Use basic testing tools to assist the performance of functional tests after installation</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to complete basic installation of fire detection and alarm systems and equipment effectively under instruction.</p>
8. Remarks	This unit of competency is applicable to practitioners who are engaged in the installation of fire detection and alarm systems and equipment.