

1. Title	Basic maintenance and repair of fire detection and alarm systems and equipment
2. Code	EMFSOR203A
3. Range	Perform basic maintenance and repair of fire detection and alarm systems and equipment, under supervision, at repair workshops or work sites according to repair instructions.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Construction and basic principles of fire detection and alarm systems and equipment</p> <ul style="list-style-type: none"> ◆ Understand the types, applications, construction and basic principles of fire detection and alarm systems and equipment, including: <ul style="list-style-type: none"> • Conventional (electronic) type • Addressable (intelligent) type <p>6.2 Basic repair and maintenance of fire detection and alarm systems and equipment</p> <ul style="list-style-type: none"> ◆ Master the procedures and methods of basic maintenance and repair of fire detection and alarm systems and equipment, including the procedures of regular inspection, cleaning, installation, removal, replacement, simple repair and testing ◆ Examine the damage condition of accessories such as heat, smoke and flame detectors, audio/visual advisory systems, annunciation panels, batteries and chargers under supervision and according to repair instructions ◆ Repair or replace damaged accessories under instruction ◆ Know how to use basic workshop equipment and tools for class 1 fire service installation contractors ◆ Use basic testing equipment to assist in conducting functional tests after repair
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to complete the task of repairing and maintaining fire detection and alarm systems and equipment effectively under supervision.</p>
8. Remarks	This unit of competency is applicable to practitioners of basic repair and maintenance of fire detection and alarm systems and equipment.