

1. Title	Basic maintenance and repair of portable fire extinguishing equipment
2. Code	EMFSOR205A
3. Range	Perform basic maintenance and repair of portable fire extinguishing equipment, under supervision, at repair workshops or work sites according to repair instructions and specifications.
4. Level	2
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Construction and basic principles of fire extinguisher and fire blanket</p> <ul style="list-style-type: none"> <li>◆ Understand the construction, functions and basic principles of portable fire extinguishing equipment, including: <ul style="list-style-type: none"> <li>• Carbon dioxide fire extinguisher</li> <li>• Water type fire extinguisher</li> <li>• Dry powder fire extinguisher</li> <li>• Clean agent fire extinguisher</li> <li>• Foam fire extinguisher</li> <li>• Fire blanket</li> </ul> </li> </ul> <p>6.2 Basic repair and maintenance of portable fire extinguishing equipment</p> <ul style="list-style-type: none"> <li>◆ Master the procedures and methods of basic maintenance and repair of portable fire extinguishing equipment, including the procedures of inspection, cleaning, installation, removal, replacement, simple repair and testing</li> <li>◆ Refill or replace extinguishing agents under instruction</li> <li>◆ Examine the damage condition of accessories such as discharge tubes, strainers and nozzles under supervision and according to repair instructions</li> <li>◆ Repair or replace damaged accessories under instruction</li> <li>◆ Know how to use basic workshop equipment and tools for class 3 fire service installation contractors</li> <li>◆ Use basic testing equipment to assist in conducting functional tests after repair, including hydraulic test and discharge test to ensure that the extinguishers are in good condition and function properly</li> </ul>
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 portable fire extinguishing equipment effectively under supervision.</p>
8. Remarks	This unit of competency is applicable to practitioners of basic repair and maintenance of portable fire extinguishing equipment.