

1. Title	Formulate fire system enhancement proposals
2. Code	EMFSOR501A
3. Range	Critically analyze, reorganize, evaluate and synthesize a wide range of information at the workplace where the existing fire system is located; and analyze information of the fault and operation record of the existing fire system so as to formulate a fire system enhancement proposal.
4. Level	5
5. Credit	12
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Operation of the existing fire system and factors affecting operational efficiency</p> <ul style="list-style-type: none"> <li>◆ Understand the operation and fault record of the existing fire system, and compare to relevant benchmarks</li> <li>◆ Master professional skills in investigating system operation</li> <li>◆ Understand internal and external factors affecting the operational efficiency of the existing fire system</li> </ul> <p>6.2 Formulate fire system enhancement proposal</p> <ul style="list-style-type: none"> <li>◆ Analyze information of the fault and operation record of the existing fire system so as to assess critically the demerits of the existing fire system as well as causes and effects of relevant internal and external factors</li> <li>◆ Formulate short-term and long-term enhancement plans, including modifying the operation, repair and maintenance plan, replacing part of or all of the installations, etc.</li> <li>◆ Devise procedures, schedule and financial budget for the enhancement plan</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply professional skills to explore the demerits and underlying problems of the existing system, so as to work out a system enhancement proposal.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of general fire equipment operation, maintenance and repair.