

1. Title	Apply basic construction techniques
2. Code	EMFSPM302A
3. Range	Apply various basic construction techniques to coordinate with fire service installations, in all kinds of predictable and structured contexts, at fire service installation work sites.
4. Level	3
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of building construction techniques</p> <ul style="list-style-type: none"> <li>◆ Know about types of building structures</li> <li>◆ Understand general building architectural and structural plan</li> <li>◆ Know about types and properties of structural and non-structural building materials</li> <li>◆ Understand basic forms and methods of inside building construction and the relationship with electrical and mechanical installations</li> <li>◆ Know about the Buildings Ordinance and its subsidiary legislations</li> </ul> <p>6.2 Coordination of fire service installation and building construction</p> <ul style="list-style-type: none"> <li>◆ Analyze the building design and allocate adequate inside space of building necessary for fire equipment installation in all kinds of predictable and structured contexts</li> <li>◆ List builder's work requirements necessary for fire service installation, such as: <ul style="list-style-type: none"> <li>• Size of service room</li> <li>• Capacity of water tank</li> <li>• Size and position of wall or floor openings planned</li> <li>• Concrete plinth etc.</li> </ul> </li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to apply all kinds of basic construction techniques effectively to coordinate with fire service installations, and analyze the building design and allocate adequate inside space of building necessary for fire equipment installation in all kinds of predictable and structured contexts.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of fire services.