

1. Title	Apply basic quantity measurement techniques
2. Code	EMFSPM201A
3. Range	Master basic quantity measurement techniques to perform basic quantity measurement and checking tasks, under supervision, for project cost management.
4. Level	2
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of quantity measurement      ♦ Know about the basic principles and methods of quantity measurement, including:</p> <ul style="list-style-type: none"> <li>• Content and usage of bills of quantities</li> <li>• Standard methods of measurement</li> <li>• Units of measurement</li> <li>• Cost list</li> <li>• Basic knowledge of contract drawing</li> </ul> <p>6.2 Apply quantity measurement techniques      ♦ Master basic quantity measurement techniques to perform basic quantity measurement and checking tasks under supervision: including</p> <ul style="list-style-type: none"> <li>• Estimate quantities of materials required according to the drawings</li> <li>• Draft rates of quantities</li> <li>• Draw up a cost list in detail</li> </ul> <p>6.3 Professionalism in quantity measurement      ♦ Assist in the tasks of quantity measurement according to the trade practice</p>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to master basic quantity measurement techniques to perform basic quantity measurement and checking tasks under supervision according to the trade practice.</p>
8. Remarks	This unit of competency is applicable to new entrants of the electrical and mechanical trade.