

1. Title	Apply quantity measurement techniques
2. Code	EMPDPM201A
3. Range	Understand tender contracts and drawings to assist in quantity measurement and estimates of engineering materials for project management.
4. Level	2
5. Credits	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of contract drawings</p> <ul style="list-style-type: none"> ◆ Understand tender contracts and drawings <ul style="list-style-type: none"> • Have basic knowledge of contracts and drawings • Master rates of quantities, unit cost, contract sum and contract period, etc. ◆ Understand rates of quantities and number of items for them <p>6.2 Apply quantity measurement techniques</p> <ul style="list-style-type: none"> ◆ Measure and check, under instruction, the quantity of engineering materials <ul style="list-style-type: none"> • Rates of quantities • Unit cost and contract sum • Contract and drawings <p>6.3 Professionalism in quantity measurement</p> <ul style="list-style-type: none"> ◆ Assist in the tasks of quantity measurement according to professional requirements
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to apply quantity measurement techniques to assist in quantity measurement and checking according to the contract and drawings.</p>
8. Remarks	This unit of competency is applicable to new entrants of the electrical and mechanical trade.