

**Specification of Competency Standards**  
**for the Manufacturing Technology Industry**  
**Unit of Competency**

Functional Area - Product Quality Control and Testing

Title	Carry out product testing
Code	106446L3
Range	This unit of competency is applicable to all quality control department of the corporation of Manufacturing Technology Industry. Practitioners should be capable to carry out product testing in accordance with relevant testing standard.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand relevant knowledge of product testing</p> <ul style="list-style-type: none"> <li>• Understand all kinds of product testing requirements, such as environmental requirements, quality requirements and requirements of measuring equipment / tools</li> <li>• Understand the procedures and methods of testing of all kinds of products</li> <li>• Understand the qualified standard of testing results</li> <li>• Understand the operation methods and techniques of all kinds of testing equipment and tools</li> <li>• Understand the purpose of product testing</li> </ul> <p>2. Carry out product testing</p> <ul style="list-style-type: none"> <li>• According to the drawing requirements, testing standards, testing procedures, carry out relevant product testing</li> <li>• Determine whether the product is certificated in accordance with the test results</li> <li>• Make a record according to the test results and compile a quality inspection report</li> <li>• Correctly operate all kinds of measuring equipment and tools</li> </ul> <p>3. Professional handling of carrying out product testing</p> <ul style="list-style-type: none"> <li>• Ensure the procedures and methods of testing are accepted by the customer and in compliance with the international standards</li> <li>• Ensure the measurement data is accurate</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable to operate suitable equipment and tools in accordance with the drawing requirements and testing standards, carry out relevant testing</li> <li>• Capable to make a record according to the test results and compile a quality inspection report</li> </ul>
Remark	