

Specification of Competency Standards
for the Testing, Inspection and Certification Industry
Unit of Competency

Functional Area - Testing Operations

Title	Perform on-site testing
Code	105816L3
Range	This unit of competency (UoC) covers the abilities to carry out the required on-site tests by applying appropriate equipment and record accurate test data according to test methods and procedures.
Level	3
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge and procedures of carrying out on-site tests</p> <ul style="list-style-type: none"> • Describe sampling methods and requirements of sample conditions. • Describe the operation of equipment and apparatus used for on-site testing. • Identify the requirements of environmental conditions for carrying out on-site testing. • Apply the concepts and requirements of equipment calibration and performance check. <p>2. Perform on-site testing</p> <ul style="list-style-type: none"> • Apply appropriate measuring equipment according to the test method/standard in compliance with test request. • Apply appropriate ambient conditions for carrying out measurements. • Set up and check the calibration status of equipment and apparatus for measurements to suit sample/test requirements. • Carry out on-site tests and measurements to record accurate test data and/or observations. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Ensure integrity and confidentiality of test data by observing the relevant code of conduct. • Ensure all testing activities comply with good industry practices and relevant standards. • Observe safe work practices and use appropriate personal protective equipment at the testing site.
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • carry out required on-site tests by applying appropriate testing equipment and test conditions according to the requirements of relevant test method/standard, • record accurate test data and/or observations by checking equipment calibration status.
Remark	