

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

Functional Area - Operations Management

Title	Perform risk assessment for laboratory / site work
Code	105968L5
Range	This unit of competency (UoC) covers the abilities to perform risk assessment for laboratory / site work and generate appropriate recommendations for improvement according to the regulations related to occupational safety and health.
Level	5
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge of risk assessment</p> <ul style="list-style-type: none"> <li>• Identify and investigate the occupational safety and health risks associated with laboratory/ site work.</li> <li>• Identify relevant occupational safety and health regulations and their requirements.</li> <li>• Specify organisational requirements on occupational safety and health.</li> <li>• Establish the procedures and methods of risk assessment.</li> <li>• Explain the importance of risk assessment to the prevention of accidents.</li> </ul> <p>2. Perform risk assessment for laboratory / site work according to relevant regulations and organisational requirements</p> <ul style="list-style-type: none"> <li>• Classify the working procedures and collect relevant information for laboratory / site work.</li> <li>• Analyse the potential hazards arising from working procedures and equipment.</li> <li>• Assess various operating parameter variation and estimate the respective impact so as to determine the risk level, including the severity and the frequency of hazards.</li> <li>• Generate recommendations for improvement according to risk assessment results.</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Ensure the risk assessment for laboratory / site work can meet relevant regulations of occupational safety and health.</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> <li>• assess the risks associated with laboratory / site work according to relevant regulations and organisational requirements,</li> <li>• generate recommendations for improvement to eliminate or reduce risks.</li> </ul>
Remark	<p>The relevant legislation involved in this UoC is as follows:</p> <ul style="list-style-type: none"> <li>• Occupational Safety and Health Ordinance</li> </ul>