

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

Functional Area - Inspection Operations

Title	Develop inspection methods from international standards
Code	105906L5
Range	This unit of competency (UoC) covers the ability to develop technical inspection methods by interpreting the requirements from international standards in inspection bodies.
Level	5
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge of developing inspection methods</p> <ul style="list-style-type: none"> • Define purposes and uses of inspection method. • Specify the requirements of developing inspection methods. • Interpret the requirements in international standards for proposed inspection methods to be developed. • Explain technical terms used in inspection. • Determine inspection planning, sampling and inspection techniques, testing and personnel required in the inspection field. • Employ the validation and statistical techniques of the inspection methods. <p>2. Develop inspection methods from international standards</p> <ul style="list-style-type: none"> • Examine the inspection method from relevant international standards of same inspection field. • Consult with users or relevant parties about the suitability of inspection method for the scope of work from the review and evaluation by users and industrial associations. • Generate the structure of the inspection method by focusing on the flow of information, style, tone and content format. • Assess a range of information requirements with reference to layout and document structure. • Design document templates and style guides in consistent with international standards. • Apply content format and style according to inspection method templates. • Assign unique identification of inspection method and construct the inspection procedures based on the template, type of inspection bodies, industrial norms, user needs and scope of work using the information gathered. • Submit the inspection method to relevant parties for review, approval and publishing. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Ensure the developed inspection method is fit for intended use.
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • develop technical inspection methods by interpreting the requirements in international standards and meeting the scope of work of the inspection body.
Remark	