

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

Functional Area - Inspection Operations

Title	Formulate quality control protocol for monitoring inspection results
Code	105920L5
Range	This unit of competency (UoC) covers the abilities to formulate the quality control protocol for monitoring the reliability and validity of inspection results in compliance with relevant international standard.
Level	5
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge of quality control tools for monitoring inspection results</p> <ul style="list-style-type: none"> • Interpret the quality control requirements of inspection results in relevant international standard. • Employ a range of statistical techniques for sampling, processing and interpretation of results. • Explain the requirements of contract or work order control system. <p>2. Formulate quality control protocol for monitoring inspection results</p> <ul style="list-style-type: none"> • Establish the policy and procedures for monitoring inspection results and implementing the quality control protocol. • Establish a contract or work order control system: <ul style="list-style-type: none"> ○ work to be undertaken is within the expertise of the inspection body, ○ adequate resources are available to meet the requirements of the inspection plan, ○ the requirements are adequately defined and special conditions are understood, ○ work being undertaken is controlled by regular review and corrective action, ○ the requirements of the contract or work order have been met. • Establish a mechanism for checking calculations and data transfer from one location to another where errors could be introduced. • Establish procedures to verify the integrity of information supplied by other party as part of the inspection process. • Suggest appropriate statistical techniques to check the inspection results. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Ensure the quality control protocol is implemented and monitored effectively for continuous improvement.
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • establish the policy and procedures for monitoring inspection results, • establish a contract or work order control system, • establish a mechanism for checking inspection results by appropriate statistical techniques, • establish procedures to verify the integrity of information supplied by other party.
Remark	<p>The relevant international standard involved in this UoC is as follows:</p> <ul style="list-style-type: none"> • ISO/IEC 17020 Conformity Assessment – Requirements for the Operation of Various Types of Bodies Performing Inspection