

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

Functional Area - Inspection Operations

Title	Inspect items and samples
Code	105917L4
Range	This unit of competency (UoC) covers the abilities to inspect items and samples by applying appropriate statistical techniques for sampling and sample inspection skills during the inspection procedure and identify any defects on the items and samples.
Level	4
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge of statistical sampling techniques and sample inspection skills</p> <ul style="list-style-type: none"> • Describe the Acceptable Quality Level (AQL) sampling plan and its application. • Identify relevant random statistical techniques and differentiate (-risk and (-risk. • Describe general inspection skills set, e.g.: <ul style="list-style-type: none"> ○ quantity check, ○ sampling methods and procedures, ○ selection process. • Examine defect classification and acceptance criteria according to the inspection plan. <p>2. Inspect items and samples</p> <ul style="list-style-type: none"> • Apply appropriate skills and processes to inspect items and samples, e.g.: <ul style="list-style-type: none"> ○ interpretation of requirements, ○ product description, ○ checking on style, colour, packaging, shipping mark, barcode, ○ carton drop check. • Apply appropriate statistical techniques for sampling of inspection items and samples. • Identify potential defects on the items and samples. • Record the defects by appropriate techniques, e.g. photo taking technique. • Record apparent abnormalities and inform the client where there is any doubt as to the item's suitability for the inspection to be carried out or where the item does not conform to the description provided. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Demonstrate impartiality and confidentiality during the inspection.
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • inspect items and samples by applying appropriate statistical sampling techniques and sample inspection skills and processes, • identify and record defects on the inspected items and samples.
Remark	