

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

Functional Area - Testing Operations

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| Title | Prepare samples for testing |
| Code | 105986L3 |
| Range | This unit of competency (UoC) covers the ability to prepare samples suitable for testing in the laboratory in accordance with standard operating procedures. |
| Level | 3 |
| Credit | 1 (For Reference Only) |
| Competency | <p>Performance Requirements</p> <p>1. Possess knowledge of sample preparation</p> <ul style="list-style-type: none"> • Describe the procedures for preparation and sub-sampling of samples. • Apply the knowledge of the relationship between specific sample preparation and associated tests. • Determine the requirements of specified sample types for specific tests.. <p>2. Prepare samples for testing</p> <ul style="list-style-type: none"> • Perform physical separation of the samples as required. • Prepare the required number of sub-samples. • Perform chemical separation of the samples as required. • Place prepared samples in appropriate transport media. • Control sample conditions before, during and after processing. <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Use appropriate protective equipment to ensure personal safety when sampling or processing samples. • Clean up splashes and spillages of samples immediately using appropriate techniques and precautions. |
| Assessment Criteria | <p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • prepare samples suitable for testing in accordance with test requirements and standard operating procedures. |
| Remark | |