



Australian Government

Assessment Requirements for ICPSUP417

Perform laboratory quality tests of materials and finished product

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- correctly perform laboratory tests for quality of materials and products
- correctly dispose of chemicals and waste according to enterprise procedures and work health and safety (WHS) standards
- produce a portfolio of documents showing tests carried out over a period of at least ONE month, including documentation of test results and reported problems.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

WHS and other statutory requirements

- identify WHS concerns relating to testing equipment
- identify statutory requirements that must be met regarding use of this equipment

Testing equipment

- explain the need to work in a controlled, clean environment
- list relevant testing equipment and why they are used
- describe how the equipment is calibrated

Printing processes

- describe some common tests required for various printing operations and products in this company
- list common causes of failure in products tested personally
- describe the test performed on this product and why

Sampling and quality control techniques

- list sampling techniques used to select products for testing
- explain how to determine appropriate size of samples for testing

Record keeping

- describe the type of records that need to be kept on a particular test product
- explain the purpose of keeping test results
- explain how test results can be used in the future

Equipment maintenance

- explain the need to keep equipment clean
- describe how test equipment should be stored
- list chemicals used to clean the equipment

Information sources

- list the machine manuals, safety and other documentation relevant to this task and outline the information included in these documents.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the Support field of work and include access laboratory testing equipment.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>