

Title	Evaluate and interpret test indications found using liquid penetrant NDT methods		
Level	5	Credits	20

Purpose	People credited with this unit standard are able to: evaluate and interpret test indications found using liquid penetrant NDT (non destructive testing) methods and prepare written NDT inspection reports; and direct testing personnel associated with the evaluation of the inspection results.
----------------	--

Classification	Aeronautical Engineering > Aeronautical Non Destructive Testing
-----------------------	---

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition
Enterprise procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

Outcomes and performance criteria

Outcome 1

Evaluate and interpret test indications found using liquid penetrant NDT methods and prepare written NDT inspection reports.

Performance criteria

- 1.1 Indications found during liquid penetrant inspection are evaluated and interpreted.
Range confirmed, relevant, non-relevant, false.
- 1.2 Indistinct indications are confirmed using other NDT methods.
- 1.3 Inspection report is completed.
- 1.4 Test results are certified.

Outcome 2

Direct testing personnel associated with the evaluation of the inspection results.

Performance criteria

2.1 Personnel performing liquid penetrant NDT inspections are directed.

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 April 1996	31 December 2016
Revision	2	7 August 1997	31 December 2016
Revision	3	8 May 2001	31 December 2016
Review	4	20 June 2006	31 December 2016
Review	5	24 October 2014	31 December 2021
Review	6	26 March 2020	N/A

Consent and Moderation Requirements (CMR) reference	0028
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact ServiceIQ qualifications@serviceiq.org.nz if you wish to suggest changes to the content of this unit standard.