

NA -022 Recognition of In-House NDT Training and Assessment

Policy: It is NANDTB policy to actively support the aerospace industry with guidance to ensure in-house NDT training satisfies the minimum requirements for qualification in accordance with AS3669.

1. Purpose

To provide guidance to the Board for the recognition of employer provided NDT training and assessment, as meeting the requirements of AS3669 and the NANDTB.

Application to the Board may be made using the form in this procedure. A recognition certificate may be issued if recognition is granted.

Note for non-Australian applicants:

The NANDTB will not recognise employer provided NDT training in jurisdictions outside Australia, unless the application is accompanied by a statement from the local aviation regulator that it accepts the NANDTB of Australia as meeting its local requirements for a Board.

2. Background

It is the responsibility of employers to maintain the integrity of their training systems, be it through an RTO or In-house. The experience requirements for personnel who are to be trained in routine, non-routine or specialist NDT methods shall be established by the certifying agency, the Regulator the Responsible Level 3 or the NANDTB. Examples of specialist NDT methods would be; acoustic emission, neutron radiography, phased array, thermography, holography, and computer radiography.

Training and assessment provided through an RTO would be assessed by a desk top audit using Appendix 1 of Procedure NA-012 and the training syllabus.

In-house training is not transferable across employers unless stated in the new employer's written practice.

3. Evaluation Process

3.1 Registered Training Providers:

For Registered Training Providers (RTO) the Board will follow Procedure NA-012

3.2 In-house Training:

For In-house NDT training and assessment the Board will appoint a review committee. The evaluation of training will identify the skill requirements against the employer's written practice to determine if persons employed for those NDT duties acquire the necessary competencies.

A complete assessment of the NDT technician as per AS3669 requires General, Specific and Practical assessments. The evaluation of the employer's assessment process includes its design, conduct and management. Assessment materials other than AINDT developed assessments may be requested by the NANDTB. Experience must be validated from a personal logbook/training record compiled during the qualifying period.

The following to be verified by the committee:

- (a) An effective Training Needs Analysis identifies the employer's training requirements.
- (b) The training structure, including evidence identifying those parts of the training which are endorsed (eg parts of National Training Packages) and those which are not endorsed (eg parts which are included to meet the employer's requirements or standards).
- (c) Match the assessment criteria to the training delivered to determine if the learning outcomes are aligned with the intended qualification.
- (d) A process for periodic evaluation and updating of learning programs.

4. Principles of evaluation

All evaluations carried out by the NANDTB are required to demonstrate compliance with the four principles of;

- Validity: Evaluation results are to be evidence based.
- Reliability: Evaluation committee to exercise diligence and integrity.
- Fairness: Evaluation mechanisms are applied without coercion or influence.
- Flexibility: Evaluation may use a variety of methods to best meet the situation.

5. Rules of evidence

5.1 Validity

Evidence must relate directly to the training under review and demonstrates the outcomes and performance requirements of the skills and knowledge required.

5.2 Sufficiency

The collection of sufficient evidence is necessary to ensure all aspects of the review have been captured and to satisfy the need for repeatability.

5.3 Currency

Evidence collected must be sufficiently recent to show that it applies to the training being evaluated.

5.4 Authenticity

Where evidence relies on indirect or supplementary forms of evidence or the evidence is not directly observable, other complementary evidence that supports authenticity may be used.

6 Confidentiality:

Training and assessment material supplied to the NANDTB by the employer is confidential to the Board, and may not be released to any third party.

7. Evaluation Summary Report

Evaluation Report of (Organisation)
Conducted on
Evaluation Committee Members
NDT Methods or Processes evaluated
NDT Personnel trained to Level
Summary of Material reviewed
Committee Recommendations

Committee Chairman

Date

APPLICATION FOR RECOGNITION of IN-HOUSE TRAINING

Organisation

Company name:
 Business Activity:
 Address:
 City:
 Telephone:
 Email:
 Contact person:

Attach local aviation regulator statement of acceptance of the Australian NANDTB.

Responsible Level 3 Information

Name:
 Organisation (if not the applicant)
 Address:
 City:
 Postcode:
 Telephone:
 Email;

NDT Method(s)

Indicate the methods below for which recognition is sought



- .. Eddy Current Testing
- .. Magnetic Testing
- .. Penetrant Testing
- .. Radiographic Testing
- .. Ultrasonic Testing
- .. Other (Specify).....

Training Level(s)

Indicate the training level(s) for which recognition is sought



Training Levels

Method	L1 Limited	L1	L2 limited	L2	L3
Penetrant					
Mag.Particle					
Ultrasonic					
Radiography					
Eddy Current					
Thermographic					
Other					

In regard to the scope of recognition identified above, provide evidence or substantive statements which show that the training offered meets the minimum standard outlined

in AS 3669. Indicate with a check mark against the items in the list below what information is included with this application.

- .. Qualified Responsible Level 3
- .. Training syllabus
- .. Qualified instructor(s)
- .. Training and examination materials and their control
- .. Training facilities
- .. Test equipment, consumables, instruments and samples
- .. Examination preparation and control
- .. Records

Acceptance of Conditions

By appending a signature on this application, the applicant agrees that the recognition of the organisation's in-house training, if granted, is conditional on compliance with clauses 4.1 and 4.2 of procedure NA-012.

Signature of Applicant :

Print Name of Applicant :

Date of Application :

Return the application to:
National Aerospace NDT Board
C/- The Secretary
Email: secretary@ndtboard.com