

Australian Standard™

**Non-destructive testing—Qualification
and registration of personnel—
Aerospace**



S t a n d a r d s Australia

This Australian Standard was prepared by Committee MT-007, Non-destructive Testing of Metals and Materials. It was approved on behalf of the Council of Standards Australia on 30 April 2001 and published on 19 June 2001.

The following interests are represented on Committee MT-007:

Australasian Railway Association
Australian Aerospace Non-Destructive Testing Committee
Australian Industry Group
Australian Institute for Non-Destructive Testing
Australian Nuclear Science & Technology Organization
Australian Pipeline Industry Association
Bureau of Steel Manufacturers of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MT-007, Non-destructive Testing of Metals and Materials, at the request of the Australian Aerospace Non-Destructive Testing Committee (AANDTC).

The objective of this Standard is to upgrade the requirements of AS 3669—1989, *Non-destructive testing—Qualification and registration of personnel—Aerospace*.

This Standard is the result of a consensus among the representatives on the Joint Committee to produce it as an Australian Standard.

There are no equivalent International (ISO) Standards available on this subject; however, a related Standard, ISO 9712:1999, *Non-destructive testing—Qualification and certification of personnel*, is applicable mainly to general industry, but does specify aerospace as one of its industrial sectors.

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STANDARDS AUSTRALIA

Australian Standard

Non-destructive testing—Qualification and registration of personnel— Aerospace

1 SCOPE

This Standard establishes the minimum requirements for the training, examination, qualification, and registration of non-destructive testing personnel employed in the Australian aerospace industry. This document applies to the qualification of personnel who perform eddy current (EC), penetrant (PT), magnetic particle (MT), radiographic (RT) and ultrasonic (UT) non-destructive testing (NDT) methods.

The system described in this Standard may also apply to visual inspection (VT), leak testing (LT), infrared testing (IT), acoustic emission testing (AT) and other NDT methods where certification programmes exist.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

3998 Non-destructive testing—Qualification and certification of personnel—General engineering

ISO

9712 Non-destructive testing —Qualification and certification of personnel

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

3.1 Australian Aerospace Non-destructive Testing Committee (AANDTC)

A committee which considers and makes recommendations on all aspects that affect the practice of NDT in the Australian aerospace industry. It liaises with the AINDT Federal Council and nominates, from the AANDTC Personnel Subcommittee, a representative to the AINDT Certification Board.

3.2 AANDTC Personnel Subcommittee

A subcommittee appointed by the AANDTC. It includes representatives of the operating and manufacturing sectors of the aerospace industry, together with the civil and military regulatory authorities, and nominates a member to the AINDT Panel of examiners. Its function includes the review of applications for registration for level 3 persons.

3.3 Australian Institute for Non-Destructive Testing (AINDT)

A non-profit-making incorporated body comprising individuals and organizations involved in the science and practice of non-destructive testing. It includes organizations, involved in the fabrication, inspection, assurance and use of manufactured products, which employ non-destructive test methods as a means of determining quality.