

NA-020 - Recognition of NDT Technician Training

Introduction: This Document describes which Outside Agency NDT technician training is considered acceptable to the National Aerospace NDT Board without further evaluation.

1. Written Practice:

NDT personnel are approved under AS3669 by their employer in accordance with the employer's written practice. The written practice will detail the training requirements, including training in aircraft maintenance or manufacturing practices. Notwithstanding the completion of formal training, the employer is required to ensure that NDT staff are competent in the inspection methods and procedures before they are approved.

3. Technician Levels: AS3669 and comparable standards describe minimum formal training requirements applying to the following levels:

- a. **Level 1 Limited**
- b. **Level 1**
- c. **Level 2**

4. Prior Education: Completion of 10 years of a 12 year system of school education with passes in English, Mathematics and Science or equivalent is considered necessary preparation for entry to NDT training. Completion of Year 12 with passes in English, Mathematics and Physics is desirable. A good standard of written and spoken English is essential.

5. NDT Curriculum: The Australian Institute for NDT curricula for the various NDT methods are acceptable as basic training. These may be found at www.aindt.com.au. ISO 25107 "Non-destructive testing- Guidelines for NDT training syllabuses" with NANDTB addenda is also acceptable.

6. Initial Training. Initial training which satisfies Levels 1 and 2 shall be based on the AINDT or NANDTB curriculum for the NDT method, or the OEM requirements for specialist training, and the training hours shall meet or exceed the minimum stated in AS3669 or comparable standard for the method.

7. Specialist Training: NDT Technicians may undertake specialist training such as phased array, TOFD, MOI and the like. These inspection techniques are outside the usual Level 1 or Level 2 qualification, but would be expected to be undertaken by persons with previous NDT method training. In the absence of any industry standards, the Responsible Level 3 may determine the required training by taking account of OEM training guidelines and other relevant sources.

8. Accreditation of Training: In Australia, NDT training courses are accredited under a National Training Board scheme by State and Territory accreditation Councils. Any overseas training submitted for assessment by the Board should have a similar standing in its country of origin.

9. Personal Log Books: Although not assessed by the Board, personnel undergoing NDT training are to be reminded that the onus is on them to provide to the employer evidence of satisfactory and relevant experience when applying for approval. A personal log book of verified work experience is recommended.

10. Acceptable Training: The Board recognises successful completion of the following training as meeting the requirements of AS3669 and comparable standards Level 1 and 2 main NDT methods, for theory and practical. Employers must ensure that the practical experience of an employee is appropriate and that a specific examination is successfully completed, before the full requirements of the standard can be met.

AQF National Modules	Level 1 PT	MEM24001B
	Level 1 MT	MEM24003B
	Level 1 UT	MEM24007B (Thickness measurement)
	Level 1 ET	MEM24005B
	Level 1 RT	MEM24009B
	Level 2 PT	MEM24002B
	Level 2 MT	MEM24004B
	Level 2 UT	MEM24008B
	Level 2 ET	MEM24006B
	Level 2 RT	MEM240010B

11. In-house Training: Employers are entitled to train their employees in aircraft maintenance, including NDT. The Board will recognise in-house NDT training if the employer can show that the syllabus, course materials, training time and qualifications of instructors meet the AS3669 and NANDTB requirements (see NA-022).