

NA-020 - Recognition of NDT Technician Training

- 1. Introduction:** This Document describes which NDT technician training is considered acceptable to the National Aerospace NDT Board without further evaluation.
- 2. Written Practice:**

NDT personnel are approved under EN4179/NAS410 by their employer in accordance with the employer's written practice. The written practice will detail the full training requirements which underpin the approval, which will include 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 may be approved.
- 3. Technician Grades:** EN 4179 and NAS 410 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. These may be found at www.aindt.com.au . Other curricula deemed equivalent by the Board are also acceptable.
- 6. Initial Training.** Initial training which satisfies Levels 1 and 2 shall be based on the AINDT curriculum for the NDT method, or the OEM requirements for specialist training, and the training hours shall meet or exceed the minimum stated in EN 4179 / NAS 410 for the method.
- 7. Specialist Training:** NDT Technicians may undertake specialist training such as would be required for 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 Board would be guided by OEM training guidelines when assessing the suitability of such training to qualify personnel for aerospace applications.
- 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 work experience is recommended.

10. Acceptable Training: The Board recognises successful completion of the following training as meeting the requirements of EN 4179 / NAS 410 Level 1 and 2 main NDT methods, for theory and practical. Employers must ensure that the practical experience of a prospective employee is appropriate and that a specific examination is successfully completed, before the full requirements of AS3669 may be met.

RAAF NDI Technician (NDISL)

PCN Aero

PCN General-Appendix A

EN 473

ISO 9712 – Multi-sector

AS 3998 – Multi-sector

AS 3998 – Aerospace

ASNT TC-1A

TAFE National Modules (Level 1 PT/MT EA606,
Level 2 MT EA607,
Level 2 PT EA609,
Level 1 UT EA614,
Level 2 UT EA613,
Level 2 ET EA605,
Level 1 RT EA611,
Level 2 RT EA601)