

NANDTB 07 / QUALIFICATIONS REQUIREMENTS FOR NDT PERSONNEL

1. QUALIFICATION

- a. Qualification of NDT personnel shall be fulfilled according to EN 4179.
- b. Formal Trainings of NDT personnel shall be given by an Approved Training Center.
- c. NDT qualifications shall be based on a NDT syllabus acceptable to the Board, and this applies to all levels of qualification subject to recognition by the Board.
- d. NDT personnel who can't satisfy the requirements of the training and examination performed by the Approved Training Center can't be involved in any NDT activities defined in EN 4179.
- e. Qualification administered by Outside Agencies in other countries is recognized if the outside agency has the formal approval of an NANDTB which is recognized by EASA and a full member of European Aerospace NDT Board Forum, and provides the compliances with the minimum requirements of EN 4179. This is applicable only if the qualification is performed at the approved facility of the Outside Agency. When an Outside Agency from other countries provides qualification service in Turkey it shall be evaluated by the Board.

2. EXAMINATIONS

2.1. Introduction

- a. All qualification examination shall satisfy the EN 4179. The Board uses EN 4179 as the standard for the examination of NDT personnel. The Turkish Civil Aviation Authority recognizes EN 4179, and will consider other standards on application.
- b. The Turkish Civil Aviation Regulations permit the Approved Training organization to train and examine the NDT personnel who work in Turkish Aviation Industry, provided it is under the control of Approved Training organization's Responsible NDT Level 3. This procedure includes guidance for Training organizations that provide examinations, and have them endorsed by the Board.
- c. If the examination result is to be recognized by the Board, examination process must be in according with this procedure. Also, NDT examinations shall be based on a NDT syllabus acceptable to the Board, and this applies to all levels of examinations subject to recognition by the Board.
- d. Even if the Qualification examination of the NDT personnel is performed by the Approved Training Center, certification is under the responsibility of the Employer.

2.2. Recognized Examination Centers

- a. Organizations which are approved by the Board as Approved Training Center will have been audited and have administrative controls in place which will satisfy this procedure.
- b. Recognition as an Approved Training Center includes recognition to administer examinations.
- c. The Board requires examinations to contain at least 50% relevant aerospace specific NDT questions as well as general method questions.

2.3. Employer' Provided Examinations

Recognition of examinations by the Board is mandatory. Turkish CAA doesn't permit the Employer's Responsible Level 3 to carry out NDT training and examinations without Recognition of Training and Examination Center, except the conditions described in document NANDTB 10. In case of using this privilege employer's Responsible Level 3 shall provide all specific and practical examination requirements which are described in Application Form for Certification Equivalency (NANDTB 10.A) to the Board.

2.4. Candidates

Candidates should have completed the NDT training requirements of EN 4179, and the employer's Written Practice before undertaking examinations.

2.5. Examiners

Examiners grading the examination shall be Level 3 qualified in the method(s) examined. The examiner must be familiar with the governing regulations, the employer's written practice, procedures, inspection methods and products relevant to the candidate's work. Level 3 examiner services may be contracted provided they meet the above requirements.

2.6. Examination Procedure

Examination procedure shall minimum fulfill the EN 4179 requirements.

2.6.1. Questions

Examination format and questions shall conform to EN 4179.

2.6.2. Duration

The duration of the examination shall be determined by the examination source and stated on the examination paper.

2.6.3. Permitted Aids

The permitted aids shall be determined by the examination source and stated on the examination paper.

2.6.4. Invigilation

All examinations shall be taken under supervision to ensure candidates have fair access to approved aids, and are not subject to interference of any kind.

2.6.5. Cheating

Candidates who use prohibited aids, cheat or attempt to cheat shall be recorded a fail result.

2.7. Security of Examination Material

Prepared examinations shall be securely stored before use and candidates may not review examination questions outside the time allocated for the examination. Practical samples used during training shall not be used for examination.

2.8. Assessment of Examinations

Assessment, scoring and reporting of results shall be carried out in accordance with EN 4179.

2.9. Re-Examinations

2.9.1. Additional Training

Candidates who have failed an examination may only repeat the examination after documented additional training which addresses the deficiency.

2.9.2. Second Failure

If an examination has been repeated and failed a second time, the Responsible Level 3 shall stipulate conditions or training which must be satisfied before the examination may be undertaken again.

2.10. Examination Results

a. Examination results and/or certificates shall be issued by the Examining Organization to every candidate who has passed the examination. The certificate shall contain the following:

- (1) Name of the Examining Organization,
- (2) Name of the candidate,
- (3) Statement that the examination meets EN 4179 requirements,
- (4) NDT method and level (or specific inspection technique),
- (5) Date of issue of the certificate,

- (6) Signature of the examiner or the organization's authorizing person.
- b. No certificate will be issued for parts of an examination.
- c. Announcement of the training and examination results is under the responsibility of Approved Training and Examination Centers in duration of 15 calendar days after the exam(s).

2.11. Withdrawal during the Examination

If a candidate withdraws during the examination, a fail result shall be recorded.

2.12. Withdrawal before the Examination

If a candidate is unable to start the examination because of illness or for some other unavoidable circumstance, the candidate shall be recorded no result. The examiner will assess the circumstance using fairness and good judgment.

2.13. Examination Records

- a. For each candidate, a record shall be kept of the examination result by the Responsible Level 3/Examiner of the Approved Training Center.
- b. The examination record shall include all written papers, marking, examiner comments and results. These shall be retained by the Approved Training Center for a minimum of 10 years and protected against unauthorized access. Results of examinations may only be released by permission of the candidate.
- c. Results of all examinations and the examination documents,
- d. Details of the test samples, plant and equipment used by the participant in the practical examination shall be recorded.