





**TABLE OF CONTENTS.**

1. REFERENCES: .....4

2. APPLICABLE DOCUMENTS: .....4

3. SCOPE: .....4

4. PURPOSE: .....4

5. DEFINITIONS: .....4

6. RESPONSIBILITIES: .....5

7. NON DESTRUCTIVE TESTING METHODS: .....5

8. EXAMINER REQUIREMENTS: .....5

9. CANDIDATE REQUIREMENTS: .....6

10. EXAMINATION REQUIREMENTS: .....6

11. EXAMINATION PROCEDURE: .....6

12. REPEATED EXAMINATION: .....7

13. WITHDRAWAL FROM EXAMINATIONS: .....7

14. CHEATING: .....8

15. RECORDS: .....8

16. SECRECY: .....8

1. **REFERENCES:**

EN 4179

2. **APPLICABLE DOCUMENTS:**

Procedure P004

3. **SCOPE:**

This procedure outlines the requirements for examinations for the Aerospace Industry.

4. **PURPOSE:**

This procedure will be used to ensure uniform examination of NDT personnel for the aerospace industry.

5. **DEFINITIONS:**

Approval	Written statement by the NANDTB that an individual has met the applicable requirements of this standard.
Documented	The condition of being in written or electronic form.
Evaluation	A review, to determine whether the applicant meets the specified requirements of this procedure
Examination	Formal, controlled, documented program of activities designed to impart the knowledge and skills necessary to be qualified to this standard
Method	One of the disciplines of non destructive inspection or testing (e.g. ultrasonic) within which different techniques exist.
NANDTB	Netherlands Aerospace Non Destructive Testing Board An independent national aerospace organization representing the Netherlands aerospace industry that is chartered by the participating prime contractors and recognized by the CAA-NL to provide or support NDT qualification and examination services in accordance with this standard. Such services may include participation in approval and certification.
Procedure	A general or detailed written instruction for conducting a given process.

Repeated examination      Examinations that are taken again after a failed examination and an extra training.

Training Provider            A person or organization providing training and/or examining NDT inspection personnel

**6.      RESPONSIBILITIES:**

- 6.1.      The examiner is responsible to comply with the requirements of this procedure.
- 6.2.      It is the responsibility of the NANDTB to provide outlines for training and examination requirements.
- 6.3.      The EN 4179 certified Level 3 is responsible to administer all NDT inspection examinations in accordance with this procedure.

**7.      NON DESTRUCTIVE TEST METHODS:**

- 7.1.      Certification of NDT inspection personnel is required for the following methods:
  - §   Eddy Current Testing            (ET)
  - §   Liquid Penetrant Testing        (PT)
  - §   Magnetic Particle Testing        (MT)
  - §   Radiographic Testing            (RT)
  - §   Ultrasonic Testing                (UT)

**8.      EXAMINER REQUIREMENTS:**

**8.1.      QUALIFICATIONS.**

- 8.1.1.      The examiner shall have an EN 4179 level 3 qualifications specific to the aerospace industry recognized by the Netherlands Aerospace NDT Board for the method concerned.

**8.2.      EXPERIENCE TO THE AEROSPACE INDUSTRY**

- 8.2.1.      The examiner must be familiar with the regulations, guidelines, procedures and products relevant to NDT in the aerospace industry

## **9. CANDIDATE REQUIREMENTS**

- 9.1. Only candidates who fulfill the training requirements stated in EN 4179 may register for a qualifying examination.

## **10. EXAMINATION REQUIREMENTS:**

### **10.1. EXAMINATION PLANNING**

- 10.1.1. Examination dates shall be set by the NDT training provider conducting the examination.
- 10.1.2. Examination dates shall be supplied to all individuals involved in examination (e.g. examiners, candidates etc)
- 10.1.3. Examination dates for re-examination or subsequent examination may be arranged individually.

## **11. EXAMINATION PROCEDURE:**

### **11.1. QUESTIONS AND TASKS**

- 11.1.1. The examination questions and tasks for the written and practical examination shall be set by the examiner in accordance with EN 4179, unless otherwise specified by the Netherlands Aerospace NDT Board.

### **11.2. DURATION**

- 11.2.1. The duration of the written and practical examination shall depend on the subjects and tasks to be performed. The duration shall be set by the examiner and supplied to the candidate before examination.

### **11.3. INVIGILATE DURING EXAMINATION**

- 11.3.1. During the written and practical examination, suitable precautions shall be taken to ensure that candidates do not receive outside help or use prohibited aids.

### **11.4. PERMITTED AIDS**

- 11.4.1. During the examination, only documents supplied together with the examination questions may be used. Candidates may use their own writing and drawing utensils, the use of non-programmable calculators is permitted

### **11.5. PROHIBITED AIDS**

- 11.5.1. Candidates shall not use their own documents and books, computer files. SMS etc.

**11.6. WRITTEN WORK**

**11.6.1.** The candidate shall identify all his work with his name, all the candidates writing shall be done on the documents provided. After completing an examination all documents (including scribbling paper) shall be returned to the examiner.

**11.7. ASSESSMENT.**

**11.7.1.** Assessment of the examination shall be carried out in accordance with EN 4179.

**12. REPEATED EXAMINATIONS.**

**12.1. REPEATING AN EXAMINATION**

**12.1.1.** Repeated examination is required in those fields in which the result was below 70%.

**12.1.2.** Repeated examination is permitted in those fields in which the result was below 80%.

**12.2. FAILLING A REPEATED EXAMINATION**

**12.2.1.** After failing a repeated examination, the examiner may stipulate conditions for a new attempt (e.g. repetition of the course concerned)

**12.3. MAXIMUM NUMBER OF REPEATED EXAMINATIONS**

**12.3.1.** If an overhaul result of 80% is not achieved after 2 repeated examinations or within a year, the whole course and all examinations shall be repeated.

**13. WITHDRAWAL FROM EXAMINATION:**

**13.1. DURING EXAMINATION**

**13.1.1.** If a candidate withdraws during examination, the result shall be failed.

**13.2. BEFORE EXAMINATION**

**13.2.1.** If a candidate is unable to start an examination or part of an examination because of illness or some other reason for which he/she is not responsible, the examination or part of the examination shall be deemed not to have take place.

## **14. CHEATING.**

### **14.1. CHEATING OR ATTEMPTED CHEATING**

- 14.1.1. Candidates who use prohibited aids or cheat or attempt to cheat shall be excluded from continuing the examination, and the examination shall be deemed failed.
- 14.1.2. The acquisition of information from third parties and the passing on of information to other candidates or third parties shall be classified as cheating.

## **15. RECORDS**

### **15.1. CONTENT AND STORAGE.**

- 15.1.1. The examination shall be stored in the files of the organization conducting the examination for at least 7 years.
- 15.1.2. The examination documents written or filled in by the candidate shall be stored for at least 7 years, in the files of the organization conducting the examination
- 15.1.3. The examination record shall be signed by the examiner and stored for at least 7 years.

### **15.2. DESTRUCTION**

- 15.2.1. Documents that are no longer stored shall be destroyed in the proper manner.

## **16. SECRECY**

### **16.1. OBSERVANCE OF SECRECY**

- 16.1.1. All persons involved in the organization and conduct of an examination shall be bound to secrecy.