AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING

RECOMMENDED PRACTICE No. SNT-TC-1A (1968 Edition)

NONDESTRUCTIVE TESTING PERSONNEL QUALIFICATION AND CERTIFICATION

This recommended practice is contained in a main document (Pages I-IV), and a series of supplementary documents. The main document establishes the general framework for a qualification and certification program. The supplementary documents provide recommended education, experience, and training requirements for the different testing methods. The supplementary documents also include question and answer lists which may be used in composing examinations for nondestructive testing personnel.

Inquiries related to this recommended practice should be directed to the chairman of the ASNT Technical Council at the following address:

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING
914 Chicago Avenue
Evanston, Illinois 60202

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1. SCOPE

1.1 Because it is recognized that the effectiveness of nondestructive testing applications depends upon the capabilities of the persons who are responsible for and carry out the testing, this recommended practice has been prepared to establish criteria for the qualification and certification of nondestructive testing personnel whose jobs require appropriate knowledge of the technical principles underlying the nondestructive tests they perform.

1.2 Supplementary documents forming a part of this recommended practice establish the principles for nondestructive testing personnel training and qualification for each of the methods listed in paragraph 3 - NONDESTRUCTIVE TESTING METHODS.

2. DEFINITIONS

2.1 Terms included in this document are defined as follows:

a. Qualification - Compliance with the requirements of certification.
b. Certification - Written testimony of qualification.
c. Certifying Agency - The employer of the personnel being certified.

3. NONDESTRUCTIVE TESTING METHODS

3.1 Certification of nondestructive testing personnel in accordance with this recommended practice shall be applicable to each of the following methods:

a. Radiographic
b. Magnetic Particle
c. Ultrasonic
d. Liquid Penetrant
e. Eddy Current

Note - Methods other than those listed above may be added as the need arises.

3.2 Certifications shall indicate the test method and level of qualification in accordance with the recommended practices specified in the supplementary documents for each method.

4. LEVELS OF QUALIFICATION

4.1 There shall be three levels of qualification:

a. NDT Level I - An NDT Level I individual must have sufficient training and experience to properly perform the necessary tests. He shall be responsible to a person certified to NDT Level II or NDT Level III for the proper performance of the tests in the applicable method.

b. NDT Level II - An NDT Level II individual shall be qualified to direct and carry out tests in the method certified. He must also be able to set up and calibrate equipment (where applicable), read

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