



**SNT-TC-1A 2016 Edition
first edition**

Addendum 1 – first printing 03/16

1.0 Scope

This addendum is effective immediately and the contents herein will be included in the main body of *SNT-TC-1A* during the next revision.

Page 2

2.0 Definitions

- 2.1.18 **False Call:** When an indication and/or grading unit is incorrectly identified as being a defect.
- 2.1.19 **Detection Rate:** The number or percentage of false calls allowed for a test specimen as defined by the NDT Level III.
- 2.1.20 **Method:** One of the disciplines of NDT; for example, ultrasonic testing, within which various test techniques may exist.
- 2.1.21 **Personalized Instruction:** Personalized instruction may consist of blended classroom, supervised laboratory, and/or hybrid online competency-based course delivery. Modular content is covered through online presentations, in the classroom, and/or in small groups. Personalized instruction also enables students to achieve competency using strategies that align with their knowledge, skills, and learning styles.

Page 5

Table 6.3.1B: Recommended Initial Training and Experience Levels for NDT Level II Limited Certifications

Examination Method	Limited Certification	Technician's Starting Point	Formal Training	Minimum Work Experience in Technique (Hours)
Radiographic	Film Interpretation	Non-Radiographer	40	220
	Film Interpretation	RT Level I	24	220
Ultrasonic	Digital Thickness Measurement (numeric output only)	Trainee	8	40
	A-Scan Thickness Measurement	Trainee	24	175

Page 6

8.0 Examinations

- 8.1.5 Examinations administered by the employer for qualification should result in a passing composite grade of at least 80 percent, with no individual written examination having a passing grade less than 70 percent. The practical examination should have a passing grade of at least 80 percent.

Page 8

- 8.5.4 NDT Level I Practical Examination. Proficiency should be demonstrated in performing the applicable NDT technique on one or more specimens or machine problems approved by the NDT Level III and in evaluating the results to the degree of responsibility as described in the employer's written practice. At least ten (10) different checkpoints requiring an understanding of test variables and the employer's procedural requirements should be included in this practical examination. The candidate should detect all discontinuities and conditions specified by the NDT Level III. The written practice should address detection rates as well as the maximum number of false calls acceptable.

Note: While it is normal to score the practical on a percentile basis, practical examinations should contain checkpoints that failure to successfully complete will result in failure of the examination.

- 8.5.5 NDT Level II Practical Examination. Proficiency should be demonstrated in selecting and performing the applicable NDT technique within the method and interpreting and evaluating the results on one or more specimens or machine problems approved by the NDT Level III. At least ten (10) different checkpoints requiring an understanding of NDT variables and the employer's procedural requirements should be included in this practical examination. The candidate should detect all discontinuities and conditions specified by the NDT Level III. The written practice should address detection rates as well as the maximum number of false calls acceptable. An example of a practical examination checklist is attached as Appendix B to this Recommended Practice. The example checklist has been provided as guidance on development of practical examinations for any method or level.

Note: While it is normal to score the practical on a percentile basis, practical examinations should contain checkpoints that failure to successfully complete will result in failure of the examination.

Page 11

12.0 Recertification

- 12.3 When new techniques are added to the employer's written practice and the NDT Level III personnel is assigned to perform examinations using these new techniques, the NDT Level III personnel should receive applicable training, take applicable examinations, and obtain the necessary experience, such that the NDT Level III meets the requirements of the new techniques in Table 6.3.1.A, prior to their next recertification date, in the applicable method.