



ASNT... Creating a Safer World!™

ASNT SNT-TC-1A Committee Meeting Agenda – DRAFT B
In-Person - Phoenix, Arizona – Conference Center Room 128A
Virtual – Information to be provided prior to meeting
Monday, November 15, 2021, at 8:30 a.m. to 2:30 pm MST

- 1. CALL TO ORDER** **Ruddy**
- 2. ROLL CALL & ESTABLISH QUORUM** **Frye**
- 3. INTRODUCTIONS AND ANNOUNCEMENTS** **Ruddy**
- 4. APPROVAL OF CONSENT AGENDA** **Ruddy**
 - 4.1. 2021-11-15 SNT-TC-1A Agenda
 - 4.2. 2021-04-14 SNT-TC-1A Teleconference Minutes
- 5. NEW MEMBERS**
 - 5.1. Jessica Osborne **Ruddy**
- 6. LIAISON REPORTS**
 - 6.1. Publications Division – Kervina and Leeman (brief written report) **Ruddy**
 - 6.2. Certification Management Council **Mackin**
 - 6.3. ASME Section V **Bennett/May**
- 7. BALLOT RESULTS** **Frye**

7.1 July 2021 Interpretations Ballot – (Ended on 7/30/2021)

Item #	2/3 Voted	Majority of members Affirmative	2/3 of Voters Affirmative	Negatives	Notes
1 – Interpretation 21-05	True	True	True	1	Passed
2 – Interpretation 21-06	True	True	True	3	Revised for clarification
3 - Interpretation 21-07	True	True	True	0	Passed
4 - Interpretation 21-08	True	True	True	7	Revised for clarification
5 - Interpretation 21-09	True	True	True	0	Passed
6 - Interpretation 21-10	True	True	True	6	Revised for clarification
7 - Interpretation 21-11	True	True	True	0	Passed

7.2 October 2021 Interpretations Ballot – (Ended on 10/21/2021)

7.3 October 2021 Standard Operating Procedure Ballot – (Ended on 10/20/2021)

7.4 October 2021 Section 8.0 Revisions Ballot – (Ended on 11/8/2021)

- 8. INTERPRETATIONS PANEL REPORT** **Deeds**

9. NEW BUSINESS

9.1. Detection Rate Definition Task Group

Deeds

9.2. Section 8.0 Task Group

Ruddy

10. OLD BUSINESS

The Old Business items from our Agenda has been moved to the “2024 Parking Lot” to be considered at future meetings. See list on last page of this agenda.

11. FUTURE MEETINGS

Ruddy

Open Discussion

12. ADJOURNMENT

Ruddy

Parking Lot Items for 2024 Edition

1. 2018 Edition of SNT-TC-1A included in ASME 2019, to be completed by Jan. 2018 to be considered by ASME at their Spring 2018 Meeting.

ASME finalized their approval to include the 2016 Edition of SNT-TC-1A, with numerous exceptions.

At a future meeting, the SC will evaluate these exceptions to determine their status for inclusion into SNT-TC-1A.

2. Penetrating Radiation Method committee to address expanding the Limited cert for FI to all techniques, "Image Interpretation". M. McGloin

From the FC 2018 Minutes: In March, the committee voted to split Film Interpretation into three separate limited certifications: Film Interpretation, DR/CR Interpretation, and CT Interpretation.

3. Recognizing classroom lab hours for NDT experience certification qualification hours. Dave Bajula requested this committee consider revision of SNT-TC-1A to allow this. Chair requested Dave to form a SC and report back with rationale at a future meeting.

4. Add new 8.7.3.2. In addition to 8.7.3.1, the candidate should provide documented evidence of experience in the preparation of NDT procedures to codes, standards, or specifications and the evaluation of test results or the employer confirm this skill. This demonstration of skill should be documented in the Written Practice.

5. Add new 8.7.3.3. When applicable to the candidate's job responsibilities, the checklist shall also address the items listed in 8.5.5.

6. In the edition of SNT-TC-1A 2020, Appendix A sample questions, Visual Testing, level II, first question:

1. Handheld magnifiers should fall into which of the following ranges?

- a. 2x to 4x
- b. 5x to 10x
- c. 10x to 20x
- d. 20x to 3x

You record the answer "d. 20x to 3x".

I think it should say "d. 20x to 30x"

The same is in the SNT-TC-1A 2011 and SNT-TC-1A 2016 editions

Discussion point, what is the purpose of the example questions within the document and do we really need them?

7. The SNT-TC-1A Interpretation Panel received the following inquiry. The inquirer was told the SC would revisit the definition for "Detection Rate".

Inquiry: Is detection rate the inverse of the false call rate?

Background: Detection rate as defined in paragraph 2.1.7 describes detection rate as equal to false call rate. In various NDT studies the term detection rate is used as the inverse of false call rate. For example, a maximum false call rate of 25% would result in a minimum detection rate of 75%.

Previous related inquiries provided for the SNT-TC-1A Subcommittee's Convenience:

Detection Rate: the number or percentage of false calls allowed for a test specimen as defined by NDT Level III.

False Call: when an indication and/or grading unit is incorrectly identified as being a defect.

8. EBC Inquiry, requesting clarification of 5.1 & 5.2:

The client claims that the verbiage in 5.1 & 5.2 requires that anything comparable to a Level 2 has to be approved by the Level III and therefore acceptable.

WRITTEN PRACTICE

5.0 Education, Training, and Experience Requirements for Initial Qualification

5.1 Personnel considered for certification in NDT shall have sufficient education, training, and experience to ensure qualification in those NDT methods in which they are being considered for certification. Documentation of prior certification may be used as evidence of qualification for comparable level of certification provided it has been verified by an NDT Level III.

5.2 Documented training and/or experience gained in positions and activities equivalent to those of NDT Levels I, II, and/or III prior to establishment of this written practice may be considered towards satisfying certification requirements provided it has been verified by an NDT Level III.

Inquiry 83-8

We desire to have a member of management for our NDT Level III who, by virtue of his or her job duties, will not have worked as a Level II. Clarification is needed relative to *SNT-TC-1A* (1980 edition), Paragraph [6.3.2.1](#), [6.3.2.2](#) or [6.3.2.3](#). The employee may also not have any previous experience in the particular discipline.

The questions are:

1. How can a person become a Level III if they have not had a Level II assignment?
2. What types of other experiences could be counted for the Level II requirements?

Response

1. An individual may be given credit for work assignments comparable to that of an NDT Level II in the applicable test method.
2. The types of work assignments comparable to the Level II assignments should be defined by the employer in his written practice.

9. From the Pub. Dept.

Why are the Q&A books are mentioned in SNT-TC-1A?

I understand this is the reason the books were originally called Supplement to Recommended Practice SNT-TC-1A. I just can't figure out why TC-1A even mentions the Q&As. (There are some really old versions of the Q&As, I think from the 70s or 80s.)

Additionally, while all methods are listed in SNT-TC-1A, realistically, some of the methods/ techniques will never have Q&A books developed for them due to no demand for them.