

Changes in ASNT TC1a 2020 Ed

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SNT TC-1A, Personnel Qualification and Certification in Nondestructive Testing, is a recommended practice developed by the American Society for Nondestructive Testing (ASNT) that provides guidelines for employers establishing an in-house certification program for nondestructive examination. SNT TC-1A has been widely used by employers as a framework for in-house NDT certification programs since 1966 and is reviewed periodically. The current edition is the 2020 version. The current edition accepted by the ASME Boiler and Pressure Vessel Code is the 2016 edition. This recommended practice helps ensure a minimum level of competency for NDT practitioners and applies to NDT methods used by them. The program is supposed to be administered by the employer for the employer to ensure that the people he has engaged for conducting nondestructive testing are adequately qualified and consequently certified for the record. The presentation details the intent of the changes in the new edition which has been updated to match the changes in technology and Codes and standards applicable in industry. References to Ethics documents are included and Code of Conduct for NDE Level III personnel. Terminology changes are made and requirements for advanced techniques in Ultrasonic Testing such as Time of Flight Diffraction and Phased Array are included

BRIEF BIO OF SPEAKER Sebastian Fernandes is a member of ASNT since 1986. He completed his engineering degree in 1979 as Bachelor of Technology in Metallurgical Engineering from IIT Bombay. He subsequently completed a Master's Degree in Quality Management through BITS Pilani. He holds ASNT NDE Level III certification in seven methods and ISO 9712 NDE Level 3, approved by the British Institute of NDT in addition to CSWIP Level 3 in UT Phased Array and ToFD. He has been working in the fields of NDT, Quality Control and Assurance function for 40 years. He has served on the board of examiners at the NDT Society of India (Now ISNT) from 1986 – 89. Sebastian is a IRCA-registered Principal Quality Auditor and has several other certifications including, European / International Welding Engineer, ASQ Certified Manager – Quality and Organizational Excellence and Six Sigma Green Belt, API 510 Pressure Vessel Inspector and API U1 Practitioner and B Gas Painting Inspector. He is a member of ASNT Board of Directors (USA) and an active member of the Certification Management Council of ASNT. He is actively involved in increasing awareness about correct application of ASNT SNT TC 1A. Sebastian has contributed toward review of ASNT documents and developing of training and Examination material for ASNT and ASQ. He has conducted several training programs in NDT and is currently engaged as Technical consultant.