



ASTM International Committee E07 on Nondestructive Testing

Visit the ASTM

Committee E07 Webpage:

<http://www.astm.org/COMMIT/E07.htm>

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Established: 1938

Number of Members: 450+

Number of Standards: 180+

Global Participation: 25 countries represented

The standards are available in: Volume 03.03 in the *Annual Book of ASTM Standards*

SCOPE: The scope of the Committee includes the promotion of knowledge, stimulation of research and the development of standard specifications, test methods, practices, guides, reference radiographs, terminology, and classifications relating to nondestructive testing (NDT) methods, equipment and applications. NDT methods addressed include X-and gamma radiology, neutron radiology, liquid penetrant, magnetic particle, acoustic emission, ultrasonic, electromagnetic, leak testing, visual/optical examination, and other emerging NDT methods as may be considered appropriate by the Committee. The Committee also addresses requirements for NDT laboratory or agency quality systems, but does not develop standards for the certification of personnel performing nondestructive testing. The work of this Committee will be coordinated with other ASTM technical committees and other national and international organizations having mutual or related interests.

TECHNICAL SUBCOMMITTEES

E07.01 Radiology (X and Gamma) Method

E07.02 Reference Radiological Images

E07.03 Liquid Penetrant and Magnetic Particle Methods

E07.04 Acoustic Emission Method

E07.05 Radiology (Neutron) Method

E07.06 Ultrasonic Method

E07.07 Electromagnetic Method

E07.08 Leak Testing Method

E07.09 Nondestructive Testing Agencies

E07.10 Emerging NDT Methods

E07.11 Digital Imaging and Communication in Nondestructive Evaluation (DICONDE)

E07.92 Editorial Review

KEY DOCUMENTS

- E155 Standard Reference Radiographs for Inspection of Aluminum and Magnesium Castings
- E1316 Standard Terminology for Nondestructive Examinations
- E1417 Standard Practice for Liquid Penetrant Testing
- E1444 Standard Practice for Magnetic Particle Testing
- E1742 Standard Practice for Radiographic Examination

