

ASTM International Committee E07 on Nondestructive Testing

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 Specialized 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

Learn more about Committee E07
www.astm.org/COMMIT/E07



Quick Facts

Established 1938

Number of Members 605+

Number of Standards 226

Global Participation

40 countries represented

The standards are available in

Volumes 03.03 and 03.04 in the
Annual Book of ASTM Standards

Meetings E07 meets twice each
year, in January and June

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