



Designation: E 1817 – 9603

An American National Standard

Standard Practice for Controlling Quality of Radiological Examination by Using Representative Quality Indicators (RQIs)¹

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1. Scope

1.1 This practice covers the radiological examination of unique materials or processes, or both, for which conventionally designed image quality indicators (IQIs), such as those described in Practices E 747 and E 1025, may be inadequate in controlling the quality and repeatability of the radiological image.

1.2 Where appropriate, representative image quality indicators (RQIs) may also represent criteria levels of the acceptance or rejection of images of discontinuities.

1.3 This practice is applicable to most radiological methods of examination.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This practice is under the jurisdiction of ASTM Committee E-7 E07 on Nondestructive Testing and is the direct responsibility of Subcommittee E07.01 on Radiology (X and Gamma) Method.

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