



Designation: E 1032 – 9501

An American National Standard

Standard Test Method for Radiographic Examination of Weldments¹

This standard is issued under the fixed designation E 1032; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This test method provides a uniform procedure for radiographic examination of weldments using industrial radiographic film. Requirements expressed in this method are intended to control the quality of the radiographic images and are not intended for controlling acceptability or quality of welds.

1.2 The radiographic extent, the quality level, and the acceptance criteria to be applied shall be specified in the contract, purchase order, product specification, or drawings.

1.3 The radiographic test method is highly sensitive to detection of volumetric discontinuities. The radiographic techniques stated herein provide adequate assurance for defect detectability; however, it is recognized that, for special applications, specific techniques using more stringent requirements may be required to provide additional detection capability. The use of specific radiographic techniques shall be agreed upon between purchaser and supplier.

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.* (For more specific safety precautionary information, see Section 7.)

2. Referenced Documents

2.1 ASTM Standards:

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

Current edition approved Dec. 10, 1995; 2001. Published February 1996; August 2001. Originally published as E 1032 – 85. Last previous edition E 1032 – 925.