



Designation: E 1955 – 9804

Standard Radiographic Examination for Soundness of Welds in Steel by Comparison to Graded ASTM E 390 Reference Radiographs¹

This standard is issued under the fixed designation E 1955; 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 ~~radiograph~~ standard covers requirements for radiographic examination for soundness of welds in fabricated steel by comparison to selected severity levels of Reference Radiographs E 390, Vol II. The base material varies from greater than 0.25 to 3 in. (6.4–76 mm) inclusive in thickness. Volume II is applicable. This ~~radiograph~~ standard is not suitable for shipyard use.

NOTE 1—~~When coordinated through the Department 1—~~This standard was adopted to replace Mil-Std. 1264-B entitled “Radiographic Inspection For Soundness of Defense (DOD), this ~~radiograph~~ Welds In Steel By Comparison To Graded ASTM E 390 Reference Radiographs,” dated 18 January, 1989. This standard is intended to be used for the same applications as a the document which it replaced. Users should carefully review its requirements when considering the standard’s use for Mil-Std 1264-B, new and/or different applications.

1.2 The values stated in inch-pound units are to be regarded as the standard. The SI units given in ~~parentheses~~ brackets are for information only.

1.3 *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.*

¹ This ~~radiograph~~ standard is under the jurisdiction of ASTM Committee E-7 E07 on Nondestructive Testing and is the direct responsibility of Subcommittee E07.02 on Reference Radiological Images.

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