



Designation: E 748 – 9502

An American National Standard

Standard Practices for Thermal Neutron Radiography of Materials¹

This standard is issued under the fixed designation E 748; 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 *Purpose*—Practices to be employed for the radiographic examination of materials and components with thermal neutrons are outlined herein. They are intended as a guide for the production of neutron radiographs that possess consistent quality characteristics, as well as aiding the user to consider the applicability of thermal neutron radiology (radiology, radiographic, and related terms are defined in Terminology E 1316). Statements concerning preferred practice are provided without a discussion of

¹ These practices are under the jurisdiction of ASTM Committee E-7 E07 on Nondestructive Testing and are the direct responsibility of Subcommittee E07.05 on Neutron Radiography—Radiology (Neutron) Method.

Current edition approved Dec. 10, 1995; 2002. Published February 1996; September 2002. Originally published as E 748 – 80. Last previous edition E 748 – 905.