



# Standard Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection<sup>1</sup>

This standard is issued under the fixed designation E2833; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope

1.1 This practice provides supplemental requirements to those of ANSI/ISO/IEC 17024 for bodies that certify personnel engaged in inspection and testing of construction activities and materials used in construction, including Special Inspection. ANSI/ISO/IEC 17024 provides generic requirements that can be adapted to any discipline where assurance that certified individual meets the requirements of the certification scheme. Therefore, certification bodies certifying personnel engaged in inspection and testing of construction activities and materials used in construction, including Special Inspection, must meet the requirements of this practice and ANSI/ISO/IEC 17024.

1.2 This practice may be used as a reference by:

1.2.1 Developers of standards requiring personnel certification in inspection and testing of construction activities and materials used in construction, including Special Inspection, as a reference to harmonize terminology and reduce confusion among users;

1.2.2 Personnel certification bodies that establish criteria and certify construction inspection, construction testing, and Special Inspection agency personnel against specific requirements,

1.2.3 Accreditation bodies that accredit certification bodies, and

1.2.4 Users and specifiers as a reference when requiring personnel certification.

1.3 This practice follows the format of ANSI/ISO/IEC 17024 and provides additional requirements where needed.

1.4 Certification may be specific to a single test or inspection method or practice or a grouping or collection of methods or practices (any such method, code, or practice being herein-after referred to as “method,” or collectively as “methods”).

1.5 Personnel certification is an important aspect of the quality system of agencies engaged in inspection and testing of construction activities and materials used in construction, including Special Inspection. Certification of personnel is required to meet the personnel qualifications of Practice E329.

## 2. Referenced Documents

2.1 *ASTM Standards*:<sup>2</sup>

E329 Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection

2.2 *ANSI/ISO/IEC Standards*:<sup>3</sup>

ANSI/ISO/IEC 17024 Conformity Assessment – General Requirements for Bodies Operating Certification Systems of Persons

## 3. Terminology

3.1 The definitions in Section 3 supplement the terms and definitions provided in ANSI/ISO/IEC 17024.

3.2 *Definitions of Terms Specific to This Standard*:

3.2.1 *agency, n*—an organization, or part thereof, authorized by the project sponsor or his duly authorized representative to inspect, test, or both, construction and materials used in construction as required by the project specifications.

3.2.1.1 *inspection agency, n*—an agency whose personnel make visual observations and field measurements of construction activities and materials used in construction.

(a) *Discussion*—An inspection agency may collect and submit samples identified with respective portions of the construction for laboratory evaluation. The inspection agency and testing agency may be one organization or separate organizations.

<sup>1</sup> This practice is under the jurisdiction of ASTM Committee E36 on Accreditation & Certification and is the direct responsibility of Subcommittee E36.20 on Certification/Registration Bodies.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

<sup>3</sup> Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, http://www.ansi.org.