

STANDARD FOR
CERTIFICATION
OF
ELECTRICAL
TESTING
TECHNICIANS



InterNational Electrical Testing Association



American National Standard

ANSI/NETA ETT-2010

AMERICAN NATIONAL STANDARD

**STANDARD FOR
CERTIFICATION OF
ELECTRICAL TESTING TECHNICIANS**

Secretariat
**InterNational Electrical Testing
Association**



Approved by
American National Standards Institute



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This standard is intended to be suitable for mandatory application by governmental bodies exercising legal jurisdiction over electrical installations and facilities; it may be used by insurance inspectors and others to codify the expertise of electrical testing personnel.

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FOREWORD

(This Foreword is not part of American National Standard ANSI/NETA ETT-2010)

The InterNational Electrical Testing Association (NETA) was established in 1972 to establish uniform testing procedures for electrical equipment and apparatus. NETA developed specifications for the acceptance of new electrical apparatus prior to energization, the *ANSI/NETA Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems*, and for the maintenance of existing apparatus to determine its suitability to remain in service, the *ANSI/NETA Standard for Maintenance Testing Specifications for Electrical Power Distribution Equipment and Systems*.

In 1987, NETA recognized the need to establish a standard for technicians who perform electrical testing services. The Preface of *Standard for Certification of Electrical Testing Technicians* succinctly states the necessity of this document.

This standard was created to codify the experience, education, and training requirements necessary for an individual to obtain a level of competency as an electrical test technician. NETA carefully examines the qualifications of each NETA Accredited Company (NAC) in addition to certifying the individual technician employed by that NAC. Because of this requirement, another directive of this task group was to assure that the NETA requirements for certification were aligned with an alternate certification path for qualified individuals.

The participation of a wide variety of stakeholders during the review process contributed to the creation and acceptance of this document as an American National Standard.

ANSI/NETA Standard for the Certification of Electrical Testing Technicians was approved as an American National Standard by ANSI on March 15, 2000. On January 8, 2010 ANSI/NETA ETT-2010 was approved as a revised American National Standard.

Suggestions for improvement of the standard are welcome. They should be sent to the InterNational Electrical Testing Association, 3050 Old Centre Avenue, Suite 102, Portage, MI 49024.



PREFACE

Specifying requisite levels of training, experience, and education for the evaluator of electrical power equipment is as important as the test procedure itself. The requirements herein parallel those of the National Skill Standards Board in Washington, DC, which promulgates skill levels for various occupations.

An Electrical Testing Technician (ETT) performs tests and inspections and evaluates the suitability of electrical power equipment and systems for the intended use.

Inherent in the determination of the serviceability of electrical equipment is the prerequisite that individuals performing these tests be capable of conducting the tests in a safe manner and with complete knowledge of the hazards involved. They must also evaluate the test data and make an assessment on the continued serviceability or non-serviceability of the specific equipment. The evaluation of service-aged equipment requires subjective assessment by the ETT.

Certification is a means for individuals to indicate to employers, co-workers, the general public, and others that they have met the standards of an impartial, nationally-recognized organization for the performance of specific technical tasks by virtue of their technical knowledge and experience.

NETA STANDARD FOR CERTIFICATION OF ELECTRICAL TESTING TECHNICIANS

1. SCOPE

- 1.1 This standard establishes minimum requirements for qualification and certification of the electrical testing technician (ETT).
- 1.2 This standard details the minimum training and experience requirements for electrical testing technicians and provides criteria for documenting qualifications and certification.
- 1.3 This standard details the minimum qualifications for an independent and impartial certifying body to certify electrical testing technicians.

1. DEFINITIONS

The definitions in this standard are intended to clarify the meaning of terms used in this standard, as they apply to this standard, and only to this standard. No broader application of these definitions is implied.

Annex

Supplementary information which is mandatory to this standard.

Appeal

Request by applicant, candidate, or certified person for reconsideration of any adverse decision made by the certification body related to his/her desired certification status.

Appendix

Supplementary information which is informational but not mandatory to this standard.

Candidate

Individual who does not hold a current and valid certificate but may be involved in a certification system as an applicant or examinee.

Certificant

Individual who holds a current and valid electrical testing technician (ETT) certificate.

Certification Body (Certifying Body)

Organization that meets the criteria as outlined in this standard for offering an electrical testing technician (ETT) certification program.

Certification System

System that has its own rules of procedure and management for carrying out certification.

Certification Element

An area of job performance on which a candidate for certification will be tested by written examination.

Certification Process

The process by which a third party provides written assurance that a person's competence conforms to specified requirements.

