



ANSI/NETA ETT-2018

# ETT

STANDARD FOR

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# CERTIFICATION

OF ELECTRICAL  
TESTING TECHNICIANS

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FOR ELECTRICAL POWER EQUIPMENT & SYSTEMS

# 2018

**NETA**<sup>®</sup>  
STANDARDS

ANSI/NETA ETT-2018

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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## FOREWORD

(This Foreword is not part of American National Standard ANSI/NETA ETT-2018)

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, and again on December 3, 2015, ANSI/NETA ETT was approved as a revised American National Standard. The most current edition of the document, the ANSI/NETA ETT-2018, was approved as a revised American National Standard on February 9, 2018.

## **PREFACE**

Specifying requisite levels of training, experience, and education for the evaluator of electrical power equipment is as important as the test procedure itself.

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

Individuals performing these tests shall be capable of conducting the tests in a safe manner and with complete knowledge of the hazards involved. They must also evaluate the inspection and test data and make an assessment on the continued serviceability or non-serviceability of the equipment and systems. The evaluation of 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, skills, and abilities.

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## NETA STANDARD FOR CERTIFICATION OF ELECTRICAL TESTING TECHNICIANS

### 1. SCOPE

1. This standard establishes minimum requirements for qualification and certification of the Electrical Testing Technician (ETT).
2. This standard details the minimum training and experience requirements for Electrical Testing Technicians and provides criteria for documenting qualifications and certification.
3. This standard details the requirements for an independent and impartial certification system to certify Electrical Testing Technicians.

### 2. DEFINITIONS and ACRONYMS

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.

#### **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 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.

#### **Certification Program**

Compilation of scope of certification, job and task description, required competence, abilities, and prerequisites.