



901

STANDARD FOR CERTIFICATION OF ELECTRICAL TESTING TECHNICIANS

2015 **NETA**[®]
STANDARDS

ANSI/NETA ETT-2015

AMERICAN NATIONAL STANDARD

**STANDARD FOR
CERTIFICATION OF
ELECTRICAL TESTING TECHNICIANS**

Secretariat
**InterNational Electrical Testing
Association**

Approved by
American National Standards Institute



American National Standard

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Published by
InterNational Electrical Testing Association
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Notice

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.

NETA Standards Review Council

These specifications were submitted for public comment and reviewed by the NETA Standards Review Council.

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FOREWORD

(This Foreword is not part of American National Standard ANSI/NETA ETT-2015)

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 was approved as a revised American National Standard, and the most current edition of the document, the ANSI/NETA ETT-2015, was approved as a revised American National Standard on December 3, 2014.



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.



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