



National Craft Assessment and Certification Program S P E C I F I C A T I O N S

INDUSTRIAL ELECTRICIAN V3

ELEC26_03

Released June 2009

Overview

This written assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. The assessment center will provide any necessary pencils. No extra papers, books, notes or study material are allowed in the testing area.

Study Material

All written assessments are referenced to NCCER's curriculum modules listed in the contents. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at www.nccer.org.

Assessment Development

All questions on each assessment have been developed and approved by subject matter experts from the respective craft. Assessment development and administration is under the direction of ProvTM, NCCER's testing partner.

Credentials

NCCER will send appropriate credentials (certificate, wallet card and official transcript) to the assessment center upon successful completion of the written assessment.

Training Prescription Reports

Each candidate will have access to individual results of the written assessment from Prov's website at www.provexam.com. This training prescription will include the overall score and results by topic area.

National Registry

Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's training records. These records are stored and become a portable record of the candidate's training and assessment achievements.

Focus Statement

An Industrial Electrician must be able to interpret job specifications, interpret industrial drawings, install, connect, and troubleshoot power distribution and control equipment, install raceway and cable distribution systems, install and connect transformers, install and connect medium voltage splices and terminations, and recognize electrical hazards.

Written Assessment Contents:

Module Number	Module Name	Number of questions
26102-08	Electrical Safety	8
26103-08	Introduction to Electrical Circuits	4
26104-08	Electrical Theory	4
26108-08	Raceways & Fittings	4
26109-08	Conductors & Cables	4
26110-08	Basic Electrical Construction Drawings	5
26112-08	Electrical Test Equipment	5
26201-08	Alternating Current	4
26202-08	Motors: Theory and Application	4
26204-08	Conduit Bending	4
26205-08	Pull & Junction Boxes	4
26206-08	Conductor Installations	4
26207-08	Cable Tray	4
26208-08	Conductor Terminations & Splices	5
26209-08	Grounding & Bonding	8
26302-08	Conductor Selection and Calculations	5
26304-08	Hazardous Locations	4
26305-08	Overcurrent Protection	4
26306-08	Distribution Equipment	4
26307-08	Transformers	4
26311-08	Motor Controls	4
26409-08	Heat Tracing & Freeze Protection	4
Total number of Questions		100

*The minimum passing score is 70.
A corresponding Performance Verification is available at nccer.org.*

NCCER

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