

Industrial Electrician V6

ELEC26_06

Updated January 2021

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.

Overview

- Two-hour closed-book examination
- May use the downloadable Electrical Formula sheet found on the [Electrical craft page](#) of the NCCER website
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed

Minimum passing score is 75.

Performance Verification

A corresponding hands-on Performance Verification is available.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order books and modules from Pearson by visiting www.nccer.org/order-books-modules/.

Assessment Development

All questions are developed and approved by subject matter experts under the direction of NCCER.

Credentials

Upon successful completion of the knowledge assessment or performance verification, credentials can be viewed and printed by the individual or assessment program through their NCCER Account.

Score Report and Training Prescription

Each candidate will have online access to their assessment results including their overall score and recommended training through their NCCER Account.

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
26102-17	Electrical Safety	8
26103-17	Introduction to Electrical Circuits	4
26104-17	Electrical Theory	4
26108-17	Raceways & Fittings	4
26109-17	Conductors & Cables	4
26110-17	Basic Electrical Construction Drawings	5
26112-17	Electrical Test Equipment	5
26201-17	Alternating Current	4
26202-17	Motors: Theory and Application	4
26204-17	Conduit Bending	4
26205-17	Pull & Junction Boxes	4

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Module ID	Content Domain/Module Title	Number of Items
26206-17	Conductor Installations	4
26207-17	Cable Tray	4
26208-17	Conductor Terminations & Splices	5
26209-17	Grounding & Bonding	8
26302-17	Conductor Selection and Calculations	5
26304-17	Hazardous Locations	4
26305-17	Overcurrent Protection	4
26306-17	Distribution Equipment	4
26307-17	Transformers	4
26311-17	Motor Controls	4
26409-17	Heat Tracing & Freeze Protection	4

Total Number of Items

100