

Power Line Worker: Distribution PLWDIS80

Updated November 2024

Focus Statement

A Power Line Distribution Worker has a basic understanding of electricity, transmission, and distribution systems; can interpret feeder drawings; comply with proper safety standards, procedures, work practices, and work as part of a team. A Power Line Distribution Worker repairs energized electrical distribution systems, interprets verbal and written communication, performs hand signals, basic rigging, and troubleshoots distribution systems.

A Power Line Distribution Worker climbs at heights over 32 feet and over obstructions; can operate basic hand tools and distribution work-specific tools, and associated heavy equipment (such as bucket trucks, digger derricks, trenchers, backhoes), as well as various meters and test equipment; and install and maintain poles, power lines, and assorted devices (such as transformers, breakers, fuses, and switches).

Overview

- Two-hour closed-book examination
- 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. This assessment is referenced to NCCER's 1st edition of the Power Line Worker: Distribution curriculum. 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
49102	Power Line Worker Safety	11
49103 49107 80201 82201	Introductory Skills	10
49104 80201	Electrical Theory	5

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
49105 49106	Climbing	7
49108	Aerial Framing	5
49109 49111 49112	Heavy Equipment	9
49110	Rigging	5
49113	Electrical Test Equipment	4
80202	Aerial Distribution Equipment	4
80203	Cable and Conductor Removal	4
80203 80204 80301	URDs	5
80206	Distribution Line Maintenance	7
80301 80303 80304 82201	Advanced Skills	13

Total Number of Items

89