

Power Line Worker Distribution V1
PLWDIS80

Updated June 2023

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
- A corresponding hands-on Performance Verification is available

Minimum passing score is 75.

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
49102-11	Power Line Worker Safety	11
49101-10 49103-11 49107-11	Introductory Skills	10
49104-11 80201-11	Electrical Theory	5
49105-11 49106-11	Climbing	7
49108-11	Aerial Framing	5

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 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, NCCER will send applicable credentials to the assessment center.

Score Report and Training Prescription

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

NCCER Registry

Knowledge assessment results are recorded in NCCER's Registry and become a part of the portable record of an individual's NCCER credentials.

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
49109-11 49111-11 49112-11	Heavy Equipment	9
49110-11	Rigging	5
49113-11	Electrical Test Equipment	4
80202-11	Aerial Distribution Equipment	4
80203-11	Cable and Conductor Removal	4
80204-11 80302-12	URDs	5
80206-11	Distribution Line Maintenance	7
80301-12 80303-12 80304-12 82201-12	Advanced Skills	14

Total Number of Items **90**