

Power Line Worker Substation V1 PLWSUB82

Updated June 2023

Focus Statement

A Power Line Substation Worker must be able to demonstrate an understanding of personnel and equipment safety, use of hand and power tools, electrical theory, testing practices, and drawing reading. The worker must also be able to work with conductors and system protection and control.

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.

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](https://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, 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.

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
00101-EN6 26501-21 49102-11 49106-11	Personnel Safety	19
82201-12 82203-12 40308-09 49112-11	Equipment Safety	14
00103-EN6 00104-EN6 49107-11 49109-11	Tools of the Trade	15
00106-EN6 49110-11 38201-EN	Rigging	9
82301-12	Drawing Reading	4

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
82303-12 82306-12	System Protection and Control	7
49103-11 49104-11 80201-11 82302-12	Electrical Knowledge	13
49113-11 82205-12 82305-12	Testing	13
82202-12 26207-20 26206-20 82304-12	Conductors	12

Total Number of Items 106