



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

Power Line Worker: Substation

PLWSUB82

December 2016

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

The 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 modules from Pearson (800.922.0579) or from NCCER's Online Catalog at www.nccer.org.

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

(continued)

NCCER

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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

Assessment References:

Power Line Worker Trainee Guide – Edition 1, Level 1; NCCER

(Order from Pearson using ISBN 978-0-13-257109-8)

Power Line Worker Substation Trainee Guide – Edition 1, Level 2; NCCER

(Order from Pearson using ISBN 978-0-13-295343-6)

Power Line Worker Substation Trainee Guide – Edition 1, Level 3; NCCER

(Order from Pearson using ISBN 978-0-13-294866-1)