

**Power Line Worker Substation V1  
PLWSUB82**

*Updated 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

**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/](http://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
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

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Module ID	Content Domain/Module Title	Number of Items
82301-12	Drawing Reading	4
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**