Power Line Worker: Substation
PLWSUB82
Updated November 2024

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. This assessment is referenced to NCCER's 1st edition of the Power Line Worker: Substation 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
00101 26501 49102 49106	Personnel Safety	18
40308 49112 82201 82203	Equipment Safety	13

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
00103 00104 49107 49109	Tools of the Trade	15
00106 38201 49110	Rigging	9
82301	Drawing Reading	4
82303 82306	System Protection and Control	7
49102 49103 49104 82201 82302	Electrical Knowledge	12
49113 82205 82305	Testing	13
26206 26207 82202 82304	Conductors	12

Total Number of Items   **103**