



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

Signal Person AEN53SIGNAL02

November 2022

Focus Statement

The Signal Person is proficient in the performance of hand and verbal signals, including the standard methods for hand signals as required by ASME B30.2, ASME B30.3, ASME B30.5, and ASME B30.6. The Signal Person demonstrates a basic knowledge of crane operations and limitations, including crane dynamics involved in the swinging, controlling and stopping of loads, and the boom deflections from hoisting loads. The Signal Person demonstrates specific knowledge of crane operations including voice and radio communications, personal fall protection methods, emergency procedures, and hazards and restrictions with working in proximity to overhead electric lines and equipment.

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 Practical Examination is available and required to earn a certified credential

The minimum passing score is 80

Written Assessment Contents:

Module ID	Content Domain / Module Title	Number of Items
53101-EN	Crane Communications	25
21102-EN	Basic Principles of Cranes	13
21106-EN	Crane Safety and Emergency Procedures	12

Total Number of Items 50

Assessment References:

Signal Person Trainee Guide – Edition 2; NCCER

(Order from Pearson using ISBN 978-0-13-518800-2; click [here](#) to access order options or [here](#) for the direct link to the NCCER bookstore)

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.

NCCER

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