



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

Signal Person (SIGNAL53)

Released November 2010, Item bank updated November 2020

Overview

This knowledge assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. No extra papers, books, notes or study material are allowed in the testing area.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's Signal Person curriculum. You may order this curriculum 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 certification requirements, 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.

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.

Knowledge Assessment Contents:

Domain	Topic Area	Number of Questions
Communications	Hand Signals/Voice Radio	25
Crane Operations	Boom angles, load radius, awareness of crane limitations, load dynamics, safety devices, traveling w/the load, working in close quarters, basic crane knowledge, spec criteria for single & multi-lifts, center of gravity, personnel lifting	13
Safety	Emergency procedures, hazards working next to power lines, fall protection, equipment integrity	12
Total number of questions		50

The minimum passing score is 80.

A corresponding hands-on Practical Examination is available and required to earn a certified credential.