



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

Overview

This written assessment is a two-hour, closed-book examination completed with practical exams for certification. You will be permitted to use a nonprogrammable, nonprinting calculator during the examination. The assessment center will provide any necessary pencils. No extra papers, books, notes or study materials are allowed in the testing area.

Assessment Development

All questions on each assessment have been developed and approved by subject matter experts from the respective craft. Assessment development and administration is under the direction of Prov™, NCCER's testing partner.

Training Prescription Reports

Each candidate will have access to individual written assessment results at www.provexam.com. This training prescription will include the overall score and results by topic area.

ANSI Accreditation

NCCER's Signal Person Certification Program has been designed for accreditation by ANSI. Please ask your testing center for details.

National Registry

Assessment results will be maintained in NCCER's National Registry. These records are stored and become a portable record of the candidate's assessment achievements.

Credentials

NCCER will send appropriate credentials (certificate, wallet card, and official transcript) to the assessment center upon successful completion of all requirements for signal person certification.

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.

Written Assessment Contents:

Domain	Topic Area	# 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 cut score for this assessment is 80.