

Boom Truck Crane V3
AEN21BTC03
Updated July 2017

Focus Statement

Boom truck operators will know and implement the rules and regulations set forth by ASME B30.5 and will safely apply those standards in daily operations. Operators will read, know, and apply all information provided in the manufacturer’s operator manual and will be able to interpret load charts, load testing, LMIs, and any safety instrumentation of each crane. Crane operators will know machine conditions, operational limitations, and load limitations for situations in which the operator may be involved. The operators will conduct all hoisting operations in a safe manner. Operators will be able to effectively communicate with riggers, signal persons, and other site personnel involved with hoisting operations.

Overview

This knowledge assessment is a three-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 80.

Practical Examination

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

ANSI Accreditation

NCCER’s Mobile Crane Operator Certification Program is accredited by the American National Standards Institute (ANSI). Details are available on NCCER’s website.

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:

Content Domain	Number of Items
Pre-operation Lift Planning	22
Pre-operation Inspection/Crane Setup	19
Crane Operation	19

Total Number of Items 60