

# National Craft Assessment and Certification Program SPECIFICATIONS

# Advanced Rigger AEN38ADVR02

November 2022

#### **Focus Statement**

In addition to being knowledgeable in all basic and intermediate rigger tasks, the advanced rigger must also demonstrate advanced level of proficiency in all the rigger tasks. The advanced rigger performs specific rigging operations as they relate to blind hoists, traveling with a load, working in close quarters, and lift procedures for personnel. The advanced rigger applies specific rigging criteria from the manufacturer or equipment representative to the safe and appropriate methods of erection, dismantling, jumping, and reconfiguring of cranes. The advanced rigger also applies specific rigging criteria for lifting a single load with multiple cranes. The advanced rigger is advanced rigger identifies and interpret load indicator and safety devices, capacity or load charts, specific mechanical advantages, the center of gravity as it relates to the rigging operation, as well as the effects of angles or indirect pulling in the rigging operation. The advanced rigger is also proficient in the direction of single, multiple specialized lifts. The advanced rigger is knowledgeable and can demonstrate proficiency in the design, documentation, and implementation of lift planning.

## 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 38301-EN Advanced Rigging 20 21301-EN Load Charts 25 21304-EN Lift Planning 15 21305-EN Hoisting Personnel 10

Total Number of Items

70

# **Assessment References:**

# Advanced Rigger Trainee Guide - Edition 3; NCCER

(Order from Pearson using ISBN 978-0-13-518321-2; click <u>here</u> to access order options or <u>here</u> 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**