

Advanced Rigger V2
AEN38ADVR02
Updated May 2023

Focus Statement

In addition to being knowledgeable in all basic and intermediate rigger tasks, the advanced rigger must also demonstrate an 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 lifting 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 identifies and interprets load indicators 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

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

Minimum passing score is 80.

Knowledge 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 [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 books and modules from Pearson by visiting nccer.org/order-books-modules.

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.