

Intermediate Rigger
AEN38INTR02
Updated June 2023

Focus Statement

In addition to being knowledgeable in all Basic Rigger tasks, the Intermediate Rigger must also demonstrate an intermediate level of proficiency in all the rigger tasks. The rigger performs specific rigging operations using come-along and chain hoists, reeving, rigging hitches and knots, anchor points, synthetic ropes, wire ropes, chains, spreader bars and equalizing beams, synthetic slings, lifting points, dollies, trollies, winches, bars and levers, rigging jacks, links and rings, plate clamps, and cable dogs/grips. The Intermediate Rigger is proficient in load dynamics and load weight estimation or determination as they relate to the rigging operation. The Intermediate Rigger calculates equipment capacities, and applies D/d ratios, vectors, angles, boom angles, and load radius as they relate to lifting and/or rigging operations.

Overview

- Two-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.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. This assessment is referenced to NCCER's 3rd edition of the Intermediate Rigger curriculum. You may order books and modules from Pearson by visiting www.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 certification requirements, 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:

Module ID	Content Domain/Module Title	Number of Items
38201	Intermediate Rigging	25
21206	Load Dynamics	11
21204	Wire Rope	18
21302	Telescopic-Boom Attachment Setup and Assembly	1
21306	Lattice Boom Assembly and Disassembly	5

Total Number of Items **60**