

### Module Overview

This module provides an overview of personnel lifting and lift planning, and introduces injury load charts and load balancing. It explains how the center of gravity is calculated and affects the lift. It also covers sling selection, and explains the uses of pulley, tuggers, blocks, chocks, and rollers.

### Prerequisites

Prior to training with this module, it is recommended that the trainee shall have successfully completed Basic Rigging.

### Objectives

Upon completion of this module, the trainee will be able to do the following:

1. Describe the basic components for lift personnel.
2. Explain how a sling stress is determined.
3. Describe the basic elements of a lift plan.
4. Explain the purpose of a load chart.
5. Calculate and explain how the center of gravity is determined.
6. Given a particular load, select the appropriate sling(s) for a lift.
7. Describe how pulley, blocks, chocks, and rollers are used to move load safely.

### Performance Tasks

Under the supervision of the instructor, the trainee shall be able to do the following:

1. Calculate the center of gravity of a load.
2. Given a particular load, select the appropriate sling(s) for a lift.

### Materials and Equipment

Multi-media projector and screen  
Basic Rigging / Intermediate Rigging / Advanced Rigging  
"Personalized" Presentation Slides  
(1804 405-0-02-207043-0)  
Computer  
Microprojector / overhead  
Markers / chalk  
Pencil and scratch paper  
Appropriate personal protective equipment  
OSHA tags on lifting personnel  
OSHA guidelines on personnel planning:  
"Code of Federal Regulations, Federal Register"  
Various types of slings and fetters  
Sample lift plan

Manufacturer's literature for different types of cranes  
Sample load charts:  
RMC, Inc.  
EMCO, Inc.  
Tether tones and weights  
Several pulley  
Cable hoist  
Tuggers  
Blocks  
Chocks  
"Copy of the Unit 3 Quiz"  
"Module Introduction"  
"Performance Profile Sheet"

\* Located on the back of this module.

\*\*Single-machine OSHA guidelines include the personal area and performance task sheet. If you have purchased the personalized version of this title, download these materials from the OSHA using your access code.

# Nccer Intermediate Rigging Practice Test

**Roman Wölfel**



## **Nccer Intermediate Rigging Practice Test:**

*Intermediate Rigger Trainee Guide* NCCER, National Center for Construction Education and Research (U.S.), 2011 This exceptionally produced trainee guide features a highly illustrated design technical hints and tips from industry experts review questions and a whole lot more Key content includes Intermediate Rigging Wire Rope Boom Assembly and Disassembly and Basic Principles of Cranes Instructor Supplements Instructors Product supplements may be ordered directly through OASIS at <http://oasis.pearson.com> For more information contact your Pearson NCCER Contren Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.aspx> Annotated Instructor's Guide AIG Paperback Includes access code for Instructor Resource Center 978 0 13 215460 4 TestGen Software and Test Questions Available for download from [www.nccercontrenirc.com](http://www.nccercontrenirc.com) Access code comes in AIG and also available separately Additional TestGen Software Access Code Cards 978 0 13 257612 3 PowerPoint Presentation Slides 978 0 13 257363 4     *Advanced Rigger Trainee Guide* National Center for Construction Education and Research (U.S.), NCCER, 2011 This exceptionally produced trainee guide features a highly illustrated design technical hints and tips from industry experts review questions and a whole lot more Key content includes Advanced Rigging Lift Planning and Personnel Lifts Instructor Supplements Instructors Product supplements may be ordered directly through OASIS at <http://oasis.pearson.com> For more information contact your Pearson NCCER Contren Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.aspx> Annotated Instructor's Guide AIG Paperback Includes access code for Instructor Resource Center 978 0 13 215462 8 TestGen Software and Test Questions Available for download from [www.nccercontrenirc.com](http://www.nccercontrenirc.com) Access code comes in AIG and also available separately Additional TestGen Software Access Code Cards 978 0 13 257612 3 PowerPoint Presentation Slides 978 0 13 257363 4     Basic Rigger National Center for Construction Education and Research (U.S.), 2011 This exceptionally produced trainee guide features a highly illustrated design technical hints and tips from industry experts review questions and a whole lot more Key content includes Basic Rigging Rigging Equipment and Rigging Practices Instructor Supplements Instructors Product supplements may be ordered directly through OASIS at <http://oasis.pearson.com> For more information contact your Pearson NCCER Contren Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.aspx> Annotated Instructor's Guide AIG Paperback Includes access code for Instructor Resource Center 978 0 13 215457 4 TestGen Software and Test Questions Available for download from [www.nccercontrenirc.com](http://www.nccercontrenirc.com) Access code comes in AIG and also available separately Additional TestGen Software Access Code Cards 978 0 13 257612 3 PowerPoint Presentation Slides 978 0 13 257363 4     **38201-11 Intermediate Rigging** NCCER, 2011-01-31 Describes the basic procedures for using the various types of slings and for determining sling stress Introduces the trainee to lift plans crane load charts determining the center of gravity of a load and using cranes to lift personnel Describes sling selection and the use of jacks hoists and rollers to move loads     **Intermediate Rigger** National Center for Construction Education and Research Staff, Nccer, 2011-03-16     *38102-18 Rigging Practices Trainee Guide*

NCCER,2017-12-30      **38301-11 ADVANCED RIGGING PRACTICES AIG.** NCCER.,2011      **National Certificate of Competency - Assessment Instrument** ,1995      **Basic Rigger Level 1 Trainee Guide** NCCER,2018-07-16 This exceptionally produced trainee guide features a highly illustrated design technical hints and tips from industry experts review questions and a whole lot more Key content includes Rigging Practices Crane Safety and Emergency Procedures Basic Principles of Cranes and Crane Communications Instructor Supplements Instructors Product supplements may be ordered directly through OASIS at <http://oasis.pearson.com> For more information contact your Pearson NCCER Content Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.aspx> Instructor Resources available for download at [www.nccerirc.com](http://www.nccerirc.com) 9780134898001      38301-11 Advanced Rigging Practices TG NCCER,2011-01-31 Explains how the load weight and center of gravity affect a lift Covers sling selection and spreader bar use as well as the use of cribbing and inclined planes Includes case studies from three complex lifts      **Intermediate Rigging** ,1990      *Rigging Equipment: Maintenance and Safety Inspection Manual* Joseph A. MacDonald,2010-10-29 Safely maintain and operate rigging equipment Rigging Equipment Maintenance and Safety Inspection Manual is a must have for rigging contractors facility managers and equipment operators Featuring regulations standards guidelines and recommendations applicable to critical lifts this practical guide provides maintenance and safety inspection checklists for rigging equipment components and systems and addresses the required training planning and documentation The safe rigging practices recommended in this book are framed in general terms to accommodate the many variations in rigging practices Coverage includes Operating rules rigging hazards OSHA regulations consensus standards and industry guidelines Operator qualifications safe operating practices and operating procedures Planning and preparation before performing rigging Lifting and hoisting equipment and rigging and scaffolding systems Ladders stairways ramps hand and power tools and electrical systems Maintenance schedules care and safe operation of equipment Inspection checklists for rigging equipment before during and after use Testing certification and registration of rigging equipment Preventive maintenance recordkeeping based on equipment manufacturer s recommendations Proper use of personal safety and protective equipment      **38201-11 INTERMEDIATE RIGGING AIG.** NCCER.,2012      *Master Rigger* National Learning Corporation,2016 The Master Rigger Passbook R prepares you for your test by allowing you to take practice exams in the subjects you need to study      *NCCER Electrical Assessment Study Guide* Rosemount,2019-05-19 The sole purpose of this study guide is to help you pass your NCCER Electrical Assessment Test given by NCCER in order to receive your Certification and help you advance your career This study guide was created by multiple people that have taken and passed the test The study guide is formatted like the real exam and made up of over 100 questions asked in previous exams      **Rigging Fundamentals** NCCER,2005 This exceptionally produced trainee guide features a highly illustrated design technical hints and tips from industry experts review questions and a whole lot more Key content includes Basic Rigging Rigging Equipment and Rigging Practices Instructor Supplements Instructors Product

supplements may be ordered directly through OASIS at <http://oasis.pearson.com> For more information contact your Pearson NCCER Content Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.aspx> Annotated Instructor's Guide Paperback includes transparency masters 0 13 227682 8 Computerized Testing Software includes exams for both Rigging and Rigging Fundamentals 0 13 227718 2 PowerPoint Presentation Slides in color 0 13 611196 3 planned for Summer 2009 one CD includes slides for Rigging Fundamentals and Rigging *Advanced Rigger* National Center for Construction Education and Research Staff, Nccer, 2011-03-14 **Lineworker Rigging Practices Textbook** Njarc, 2015-04-25

**Lineworker Rigging Practices Textbook** **NCTRC Exam Practice Questions** Exam Secrets Test Prep Staff Nctrc, 2018-04-12 NCTRC Exam Practice Questions are the simplest way to prepare for the NCTRC test Practice is an essential part of preparing for a test and improving a test taker's chance of success The best way to practice taking a test is by going through lots of practice test questions If someone has never taken a practice test then they are unprepared for the types of questions and answer choices that they will encounter on the official test There is a tremendous advantage to someone taking the test that is already familiar with the questions and answer choices Another advantage of taking practice tests is that you can assess your performance and see if you need to study and practice more or if you're already prepared enough to achieve success on your test day If you do well on the practice test then you know you're prepared If you struggle on the practice test then you know you may still have more work to do to get prepared Taking lots of practice tests helps ensure that you are not surprised or disappointed on your test day Our NCTRC Exam Practice Questions give you the opportunity to test your knowledge on a set of questions You can know everything that is going to be covered on the test and it will not do you any good on test day if you have not had a chance to practice Repetition is a key to success and using practice test questions allows you to reinforce your strengths and improve your weaknesses Detailed answer explanations are also included for each question It may sound obvious but you have to know which questions you missed and more importantly why you missed them to be able to avoid making the same mistakes again when you take the real test That's why our NCTRC Exam Practice Questions include answer keys with detailed answer explanations These in-depth answer explanations will allow you to better understand any questions that were difficult for you or that you needed more help to understand

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## **Table of Contents Nccer Intermediate Rigging Practice Test**

1. Understanding the eBook Nccer Intermediate Rigging Practice Test
  - The Rise of Digital Reading Nccer Intermediate Rigging Practice Test
  - Advantages of eBooks Over Traditional Books
2. Identifying Nccer Intermediate Rigging Practice Test
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Nccer Intermediate Rigging Practice Test
  - User-Friendly Interface
4. Exploring eBook Recommendations from Nccer Intermediate Rigging Practice Test
  - Personalized Recommendations
  - Nccer Intermediate Rigging Practice Test User Reviews and Ratings
  - Nccer Intermediate Rigging Practice Test and Bestseller Lists
5. Accessing Nccer Intermediate Rigging Practice Test Free and Paid eBooks
  - Nccer Intermediate Rigging Practice Test Public Domain eBooks
  - Nccer Intermediate Rigging Practice Test eBook Subscription Services
  - Nccer Intermediate Rigging Practice Test Budget-Friendly Options

6. Navigating Nccer Intermediate Rigging Practice Test eBook Formats
  - ePub, PDF, MOBI, and More
  - Nccer Intermediate Rigging Practice Test Compatibility with Devices
  - Nccer Intermediate Rigging Practice Test Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Nccer Intermediate Rigging Practice Test
  - Highlighting and Note-Taking Nccer Intermediate Rigging Practice Test
  - Interactive Elements Nccer Intermediate Rigging Practice Test
8. Staying Engaged with Nccer Intermediate Rigging Practice Test
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Nccer Intermediate Rigging Practice Test
9. Balancing eBooks and Physical Books Nccer Intermediate Rigging Practice Test
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Nccer Intermediate Rigging Practice Test
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Nccer Intermediate Rigging Practice Test
  - Setting Reading Goals Nccer Intermediate Rigging Practice Test
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Nccer Intermediate Rigging Practice Test
  - Fact-Checking eBook Content of Nccer Intermediate Rigging Practice Test
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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
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