

Rigging

OEM: Rockwell Automation • Duration: 2 Days (16 hrs) • Code: MUS-205

COURSE MODULES & TOPICS

Objectives

- Identify the safety hazards associated with rigging
- Identify and describe rigging gear to include: Wire rope
- Slings
- Hardware
- Hoists
- Beams trolleys
- Jacks
- Rollers and skids
- Winches
- Cribbing
- Discuss the fundamentals of rigging
- Discuss methods used to determine the weight of a load
- Demonstrate methods used for moving and manipulating loads

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

Next Level Learning

- Lubrication Fundamentals course (MUS-110)

Course Agenda

Day 1

- Defining Rigging Terms
- Recognizing Rigging Hazards
- Using Wire Rope
- Proper Sling Usage
- Performing Sling Inspections

- Using Rigging Hardware
- Properly Using Hoists
- Utilizing Beans And Clamps

Day 2

- Applying Lightning Protection
- Using Winches
- Using Jacks, Rollers, And Skids
- Planning
- Inspecting
- Interpreting and Using Hand Signals
- Estimating Weight
- Final Exercise
- Review
- Written Exam