

Bolts and Fasteners

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: MUS-100

COURSE MODULES & TOPICS

Objectives

- Identify the standards associated with bolts and fasteners
- Describe the different types of basic fasteners and their applications
- Discuss the appropriate specifications and selection criteria for fasteners
- Describe the various types of locking devices in common use
- Select the proper fastener for a given application
- Demonstrate the proper torquing techniques for various mechanical fasteners

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

- Precision Measuring Instruments (MUS-105)

Course Agenda

- Industry Standards
- Specifications
- Identification
- Stress and Strain
- Sling Inspections
- Gaskets
- Flanges
- Studs
- Torque and Tension
- Torqueing Methods
- Wrenches and Their Use
- Torque Wrench Extensions
- Determining Torque Values
- Lab Exercises

- Final Exercise
- Review
- Written Exam

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- Performance Cookies
- Marketing Cookies
- All Cookies