

Valve Repair

OEM: Rockwell Automation • Duration: 5 Days (40 hrs) • Code: MMS-210

COURSE MODULES & TOPICS

Objectives

- Identify and replace worn valve components Identify high wear components of valves
- Explain preventative maintenance
- List indications that a valve requires corrective maintenance
- Discuss tag out procedures for valve isolations
- Demonstrate how to properly repack a valve Describe various types of packing and their applications
- Describe various types of gaskets and their applications
- Explain precautions associated with working with packing and insulation

Prerequisites

- Understanding of mechanical systems and applications

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

- Centrifugal Pumps course (MMS-200)

Course Agenda

Day 1

- Introduction Exam
- Disassembly and Inspection
- Lab Exercises

Day 2

- Seat Repair
- Lab Exercises

Day 3

- Identify Worn Components
- Lab Exercises

Day 4

- Repacking
- Lab Exercises

Day 5

- Final Lab Exercise
- Review
- Written Exam