

Seals and Packing Fundamentals

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: MMS-110

COURSE MODULES & TOPICS

Objectives

- Identify the different types of compression packing, and explain when each is used
- Identify the different types of molded packing, and explain when each is used
- List the advantages and disadvantages of pump mechanical seals

Prerequisites

- Understanding of mechanical theory and mechanical systems

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 (MMS-200)

Course Agenda

- Explain the Functions of Packing
- Describe Packing Glands
- Perform Packing Replacement
- Distinguishing Mechanical Seal Types
- Listing Advantages and Disadvantages of Mechanical Seals
- Inspecting Seals and Packing
- Troubleshooting Causes of Seal and Packing Failure
- Review
- Written Exam