

Maintenance Training

Material Handling System Mechanical Maintenance

General Information

Course Number: 2-105
Format: Instructor Led
Length: 3 days
Maximum Students: 8

Audience

This course is for mechanical technicians who maintain the material handling system.

Customer Equipment Requirements

- Dedicated training room with a projector and a white board with markers.
- Access to on-site Dematic equipment.

Prerequisites

- A general knowledge of mechanical systems and drawing sets.
- A general knowledge of safety and lockout/tagout procedures.
- A basic knowledge of mechanical test and repair equipment.

Benefits

Participants in this course will learn to safely perform mechanical maintenance procedures. Knowledge gained on common system anomalies can be used to increase system uptime.

Course Objectives

Upon completion of this course, the student should be able to:

- Identify information and components in the system mechanical drawings.
- Explain the function of the mechanical system components.
- Identify operational issues affecting system uptime.
- Safely perform mechanical maintenance procedures.

Topics

1. General

- a. Safety
- b. System Overview
- c. Drawing Sets Reading and Numbering
- d. System Documentation Access and Contents
- e. Identification of Replacement Parts

2. Components

- a. Drives
- b. Belts
- c. Rollers
- d. Sorters

3. Identification of Replacement Parts

- a. Recommended Spare Parts List
- b. Locating Unit Numbers

4. Preventive Maintenance Program

- a. Components of a Good Maintenance Program
- b. Program Development
- c. Inspections