

Maintenance Training

RS200 High Rate Slat Sorter

General Information

Course Number: 2-171
Length: 1 day
Maximum Students: 10

Audience

This course is for maintenance technicians, supervisors, and people who support the sortation system.

Customer Requirements

A room with a TV/VCR, an "In-Focus" or equivalent style projector and a marking board with markers.

Prerequisites

- A general knowledge of electrical and mechanical systems and drawing sets.
- A general knowledge of safety and Lockout/Tag out procedures.
- A working knowledge of electrical/mechanical test and repair equipment.

Benefits

This course is designed to increase knowledge and skills to safely perform necessary preventive maintenance and repair 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 inside drawing sets as well as on the sorter.
- Understand operational issues that affect sorter uptime.
- Use basic tools to troubleshoot and maintain the sorter.
- Safely perform preventive maintenance and repair procedures.

Topics

1. General

- a. Safety
- b. Drawings and Technical Documentation

2. Components and Functions

- a. Pulse Position Indicators (PPIs)
- b. Divert Modules
- c. Drive Assemblies
- d. Missing Pin Detection
- e. Catenary Take Up
- f. Oilers
- g. Slats, Shoes, and Chains

3. Preventive Maintenance Requirements

- a. Common Anomalies
- b. Troubleshooting Techniques
- c. Repair Procedures
- d. Divert Diagnostic Monitor (if applicable)

4. Observe and Review

- a. Hands On
- b. Review Devices