

# Instructor Guide



## 203: Train Stop Inspection & Maintenance Module 1: Overview and Safety

# Signals – Train Stops I&M Overview

*Instructor's Guide*



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For Signals Training  
Consortium Use Only

# Signals – Train Stops I&M Overview

Instructor's Guide



## Icons Used In This Guide



REVIEW slides



ASK



CLASSROOM ACTIVITY



SMALL GROUP ACTIVITY



INDIVIDUAL ACTIVITY



WRITE



Multimedia



REFER participants to

## Agenda

Topic #	Topic Title	Duration
1	Overview	30 Minutes
2	Safety	60 Minutes
3	Tools	10 Minutes
4	Testing	10 Minutes
5	Record Keeping	30 Minutes
6	Field Trip	70 Minutes
7	Summary	30 Minutes
<b>Total Time:</b>		240 Minutes

# Signals – Train Stops I&M Overview

## Instructor's Guide



### Overview

**Purpose** The purpose of this module is to:

- provide an overview of the safety procedures to be performed during the inspection and maintenance of train stops.

### **Objectives**

At the end of this lesson, the transit elevator/escalator trainee will be able to:

- Identify proper PPE to be used during the inspection and maintenance of train stops
- Describe Operation Control Center notification process
- Describe adverse working conditions
- Describe procedures for working in electrified territory
- Identify pinch points related to inspection and maintenance of train stops
- Identify trip, slip and fall hazards related to inspection and maintenance of train stops
- Identify and describe the standard safety tools and devices specific to the inspection and maintenance of train stops

- List tests and frequency for each tests (monthly, quarterly, etc.) as per your authority
- For each test, identify documentation that needs to be done as per location and regulating authority
- Demonstrate ability to complete proper documentation as per location and regulating authority

### **Materials**

**Mandatory** Make sure you have the following

- PowerPoint Presentation
- Coursebook
- Quizzes
- Pencils
- Handouts:

**Optional** You may also want the following for optional activities:

- Chalk board with chalk, large paper with marker, etc.
- Internet connection
- Lab, simulator or out of service train stop

# Signals – Train Stops I&M Overview

## Instructor's Guide



Module Length: 240 min

Time remaining: 240 min

This section: 30 min (9 slides)

Section start time: \_\_\_\_\_

Section End Time: \_\_\_\_\_

### DO



**REVIEW** introduction slides

### Instructor's Notes

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### SAY

#### In your own words:

Welcome to the course on the Overview and Safety for Inspection and Maintenance of Train Stops.

#### Advance

Riders depend on us.

**ASK:** On the photo what is one safety feature you see and is its purpose? –

**Randomly call on participants for answer.**

**Answer: Red Flag**

**Next, ASK:** What's the missing safety item that may be required at some RTS and explain why it's important?

**Randomly call on participants for answer.**

**Answer: Hard hat and for protection of head.**

#### Advance

### Materials Needed

✓ PPT slides 1, 2



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Module Length: 240 min

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This section: 30 min (9 slides)

Section start time: \_\_\_\_\_

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### DO

### SAY

### Materials Needed



**REVIEW** slides

#### In your own words:

In the previous course, *Course 101 Overview and Introduction to Signals*, the participant was introduced to train stops and dragging equipment detectors (DEDs) and their basic operation. The approach to this next level of training, *Course 203*, is to help the participant hone necessary skills for inspecting and maintaining train stops and DEDs. This module supplements and enhances agency-specific on-the-job, classroom and other training required.

This course, *Inspection and Maintenance of Train Stops*, was developed by a consortium of signal specialists from several rail transportation authorities that, on the federal level, are governed by the Federal Railroad Administration (FRA) or the Federal Transit Administration (FTA).

**Continued**

✓ PPT slide 8



### Instructor's Notes

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