

Instructor Guide



200: Overview of Vertical Transportation in the Public Transit Industry

Module 1: Types and Styles of Transit Elevators and Escalators

Types and Styles of Transit Elevators and Escalators



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Icons Used in This Guide

Throughout the Learner's Guide, the following icons indicate the type of content being presented.

	Refer To		PowerPoint
	Multimedia		Web based Training
	Write		Ask
	Individual Activity		Small Group Activity
	Classroom Activity		Duration

Agenda

Topic No.	Topic Title	Duration
1	Introduction <ul style="list-style-type: none"> Set expectations Transit Environment Challenges Reference Books 	5 minutes
2	Introduction to Escalators <ul style="list-style-type: none"> Sections of an Escalator \ Safety Precautions 	45 minutes
3	Types of Escalators <ul style="list-style-type: none"> Conventional Modular 	30 minutes
4	Introduction to Elevators <ul style="list-style-type: none"> Areas of an Elevator Safety Precautions Elevator Systems 	45 minutes
5	Types of Elevators	30 minutes
6	Elevator Systems	20 minutes
7	Summary	5 minutes
Total Time:		3 hours



Overview

Purpose

The purpose of this module is to:

- Introduce participants to an overview of Transit Vertical Transportation.

Objectives

At the end of this chapter, the learner will be able to:

- Describe an overview of Transit Vertical Transportation
- Describe features of Escalator Systems
- Describe features of Elevator Systems

Materials

Make sure you have the following:

- Laptop (one for leader)
- Participant Guides
- PowerPoint slide deck
- LCD projector
- A17.1 Safety Code for Elevators and Escalators
- A17.2 Guide for Inspection of Elevators, Escalators and Moving Sidewalks
- A17.3 Safety Code for Existing Elevators and Escalators
- Heavy Duty Transportation System Elevator Design Guidelines (APTA RT-RP-FS 008-03)
- Heavy Duty Transportation System Escalator Design Guidelines (APTA RT-RP-FS 007-02)
- Field Employees' Safety Handbook
- Transit Agency Handbook

Materials

- Rubber bands, string, balsa wood, Styrofoam, thumb tacks

Preparation

PREPARE flip charts with the following titles:

- Class Expectations