

# Learner's 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



## Table of Contents:

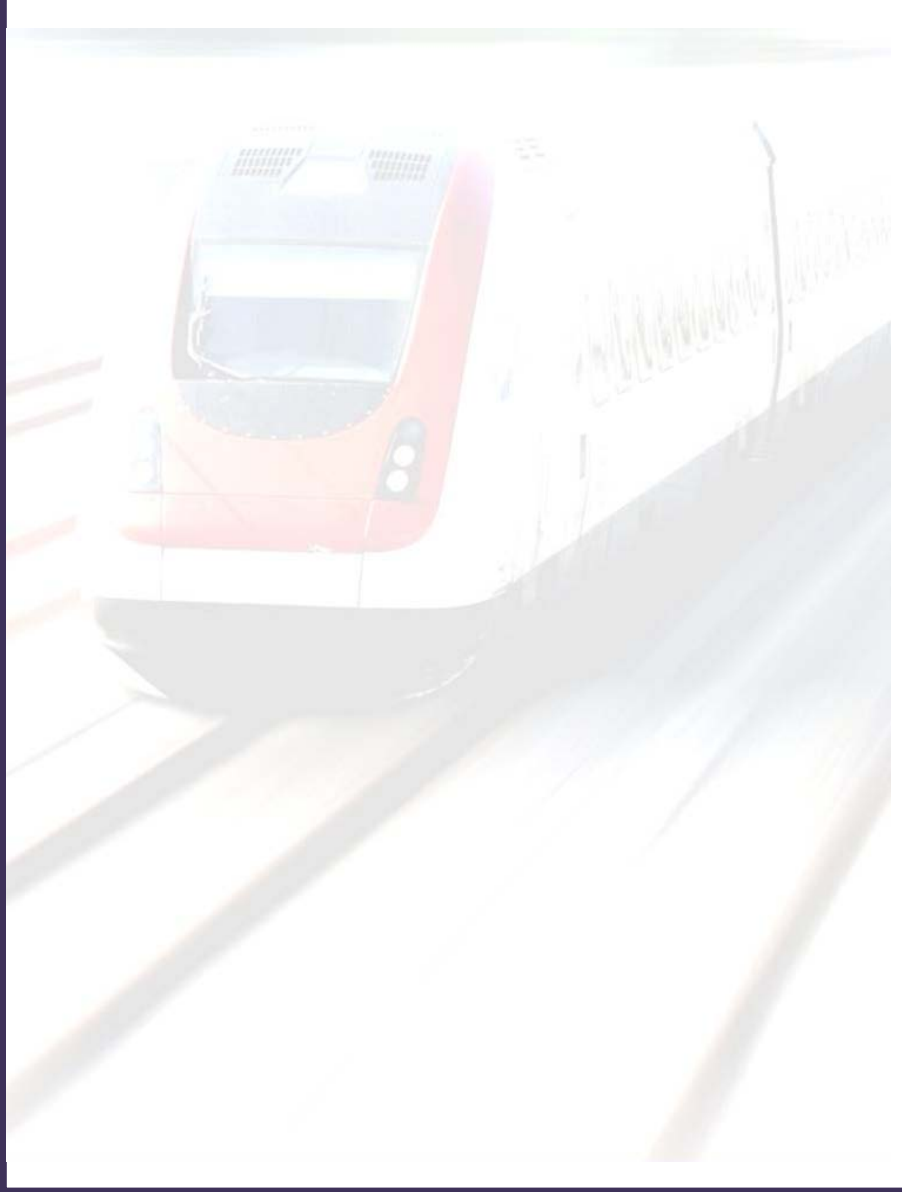
Introduction.....	1
Transit Environment Challenges .....	2
Reference Books .....	3
Introduction to Escalators .....	4
Sections of an Escalator .....	5
Safety Precautions.....	6
Conventional Escalator .....	7
Modular Escalators .....	8
Quick Review 1 .....	9
Introduction to Elevators .....	10
Areas of an Elevator .....	11
Safety Precautions.....	12
Quick Review 2.....	13
How a Hydraulic Elevator Works.....	14
Hydraulic Elevators .....	15
Traction Elevators.....	16
How Traction Elevators Work.....	17
Traction Elevator Systems .....	18
Quick Review 3.....	19
Summary .....	20
Exercise 1: Escalator Diagram.....	21
Exercise 2: Hydraulic Elevator .....	22
Exercise 3: Traction Elevator System .....	23

## Table of Figures:

Figure 1: How Escalators Work.....	4
Figure 2: Sections of an Escalator .....	5
Figure 3: Elevator Pit .....	11
Figure 4: Hydraulic Elevator.....	14
Figure 5: Traction Elevator System .....	18



## Learner's Notes:



## Introduction

Welcome to the Types and Styles of Transit Elevators and Escalators Module.

*What are your expectations for this module?*

---

---

---

---

---

---

---

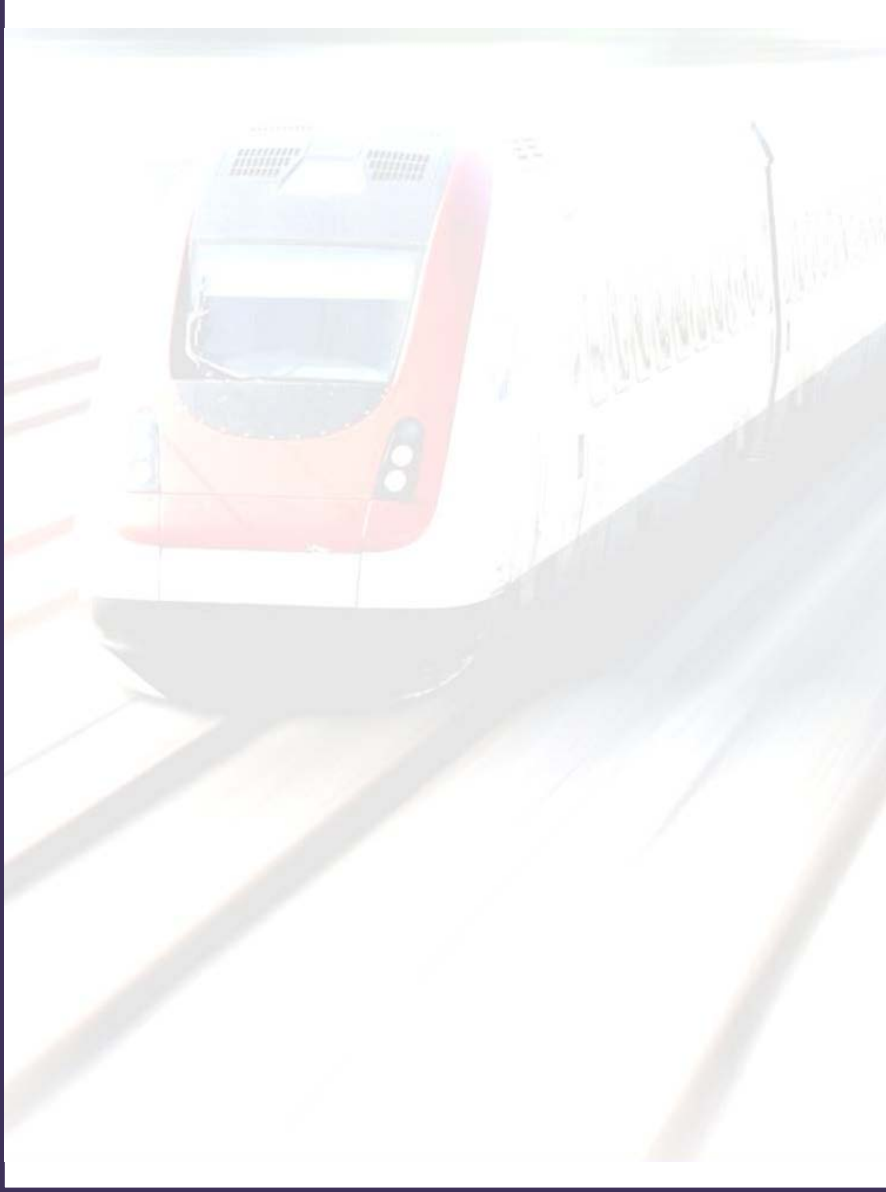
---

---

---



## Learner's Notes:



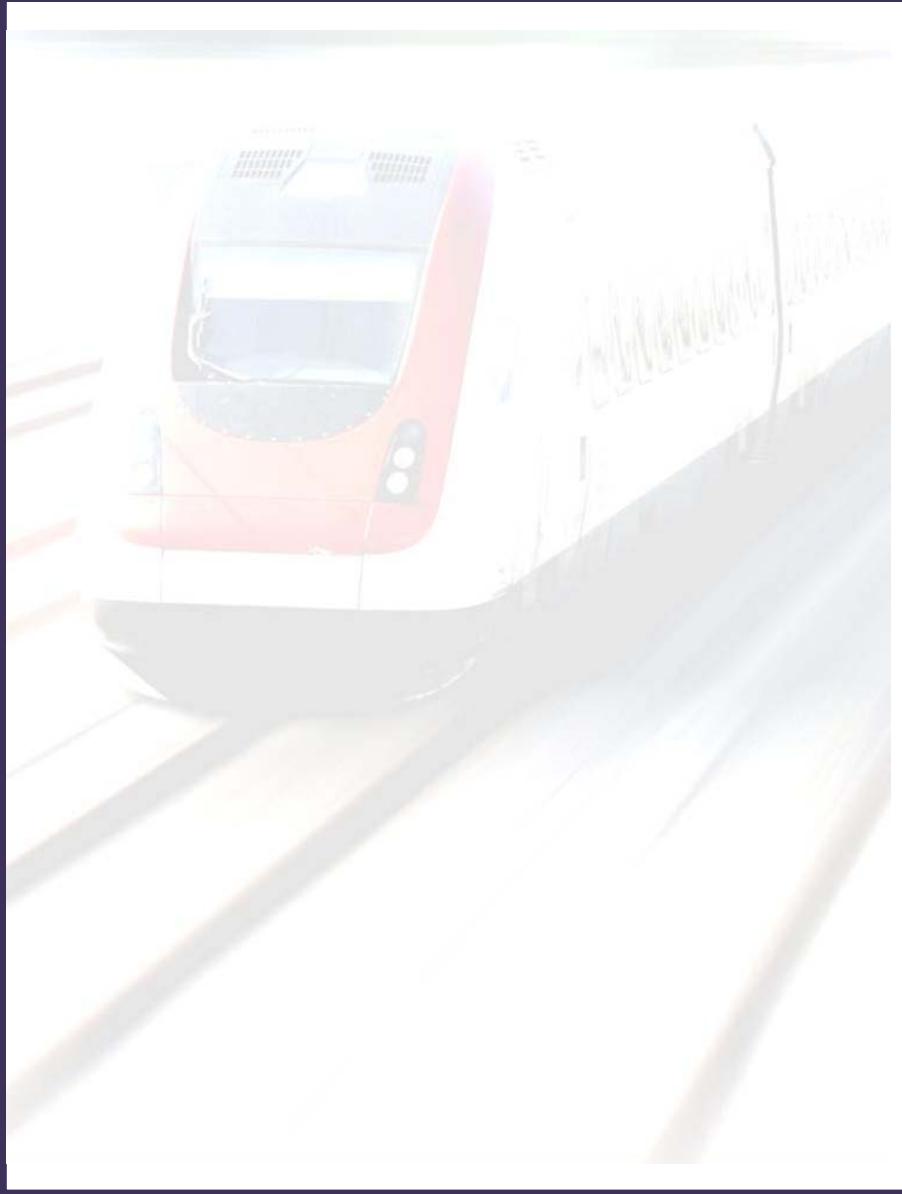
## Transit Environment Challenges

*What are three differences between commercial and transit environments?*

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



## Learner's Notes:



## Reference Books

*Where are your Industry Standards, Safety Handbooks, and Transit Agency Handbooks located for reference?*

---

---

---

---

---

---

---

---

---

---