

CHAPTER OVERVIEW

17: Stairways and Ladders

[17.1: Introduction to Stairways and Ladders](#)

[17.A: Review Questions](#)

“Carefulness costs you nothing. Carelessness may cost you your life.” – Safety saying, early 1900s

Overview

Slips, trips, and Falls account for [20% of all accidents, injuries, and fatalities in the workplace and over 35% in the construction industry](#). In chapter 11 the focus was on fall hazards that must be managed when work must occur on elevated surfaces. In this chapter the focus will be on the structural design standards for stairways and also the design and performance characteristics of ladders. Ladders are portable and very important to construction activities. Falls may occur from ladders and it is important to ensure this special category of safety equipment is up to the task.

Chapter Objective:

1. Identify the Do's & Don'ts of Ladder Safety.
2. Understand the Requirements of Subpart X-Ladders & Stairways.
3. Understand the Construction Requirements for Temporary Ladders & Stairways.

Learning Outcome:

1. Apply the hierarchy of controls to ladder safety standards.
2. Determine how to select the proper ladder for the job.

Standards: 1926 Subpart X-Stairways and Ladders

Key Terms:

Double-Cleated Ladder, Pan Stairs, Rungs

Mini-Lecture: Ladder Safety

Topic Required Time: 1 hrs; Independent Study and reflection 3/4 hour.

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