

ESTS 2024 Education Outline (8-hour)

Introduction to Codes/Standards: ASME A17/A18 Codes, including NFPA 13/70/72/101, Law/Codes/Standards, and Building Codes (1.5 hour)

Includes the description of each Standard/Law or Code, including how to find changes, updates and/or applicability. Descriptions for how standards are adopted (IBC or other), and the hierarchy of effectiveness (i.e., law versus code)

ASME A17.3 Code for Existing Elevators and Escalators (2.0 hours)

With the publication and adoption of the latest editions of the A17.3 Standard, it is the responsibility of technician and inspectors to familiarize themselves with these updated requirements. Attendees will be instructed with major additions to the Standard, helping them understand how these are implemented and how changes in A17.3 may affect compliance with A17.1.

ASME A18.1 Safety Standard for Platform Lift and Stairway Chairlifts (1.0 hour)

Understanding the use and installation of this equipment is required for jurisdictions adopting this Standard. A review of the most recent edition of this Standard, including changes to equipment, testing, and maintenance.

Building Code/s – IBC and Others (1.0 hour)

Reviews the latest edition of the IBC (Chapter 30), including discussions about jurisdictional influences and localized changes. Jurisdictions which utilize the Building Codes for the adoption of newer Standards, may or may not adopt all requirements. It is imperative for technicians and inspectors to be familiar with the layout of Building Codes and how to navigate this reference.

ASME A17.1 – Section 8.6, Periodic Test Requirements - Category 1 (1.5 hours)

In depth review of Category 1 testing requirements for Electric/Traction elevators, using the requirements (and changes) of the latest editions of A17.1. Inside look demonstrating what compliance looks like, including documentation and a look at other common types of equipment where testing is different (Hydraulics).

SAFETY TRAINING – 9 Safety Absolutes (1.0 hour)

As a centerpiece of Safety for the Elevator Industry, the Safety Absolutes are the best practices known to eliminate or control hazards we see every day. This segment will review these 9 requirements with examples for attendees to understand the practice/s necessary for survival in an otherwise hazardous industry.

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