



Elevator Safety and Technical Services

3102 Dunkeld Court

Tallahassee, Florida 32303

850-222-3787

Elevatorsafetytraining.com

Course Title: 2025 ESTS 8-hour Code Update

CEU: 0.8 (8 hours)

Class Structure: In person/Classroom

Synopsis: This eight (8) hour interactive training is intended to ensure the Maintenance of Qualification(s) in accordance with ASME QEI-1 Section 2.3. By maintaining and reviewing their knowledge of current/recent revisions to ASME A17.1/CSA B44, ASME A17.2, ASME A17.3, ASME A18.1, ASME A17.5, ASME A17.6, ASME A17.7, ASCE-24, Elevator Industry Field Employees Safety Handbook, National Fire Protection Association Standard(s) 13/70/72/101, International Building Code (IBC), Jurisdictional laws/rules/code, and the Americans with Disabilities Act as applicable.

1) Introduction to Codes/Standards: ASME A17/A18 Codes, including NFPA 13/70/72/101, Law/Codes/Standards, and Building Codes. (.15 CEUs)

This expansive presentation provides attendees with the latest edition of each Standard, including a brief description of each Standard/Law or Code, how to find changes/updates, and how to request interpretations, as applicable. This segment allows Attendees to understand how standards are adopted (IBC or other), the hierarchy of effectiveness (i.e., law versus code), and how jurisdictions incorporate rules relating to enforcement.

2) Doors/Door Closing/more Doors: ASME A17.1/2/3 Codes for New & Existing (including IBC and A17.3 as applicable) Door opening/closing Elevators. (.15 CEUs)

Frequently overlooked by both Inspectors and Technicians, the requirements for compliant door installation and operation are continually updated/addressed by ASME due to the impact of door strikes and how this affects safety for the public. This presentation will address everything from clearances and kinetic energy to reopening and standing times. Attendees will be instructed how to calculate kinetic energy for new and altered installations and changes included with the most recent editions of ASME.

3) ASME A17.1-2022/CSA B44:22: Overview of changes, including explanation and rationale. (.20 CEUs)

Understanding the latest changes to this edition of the Standard, including rationale for key changes and/or reorganization. Attendees will be able to follow along with major changes to the latest edition of A17.1, including some rationales for rule change/development.

4) A17.1/2/3 Pit Ladders: ASME A17.1(22)/A17.2(23)/A17.3(23). (.15 CEUs)

In depth review of latest changes to A17.1/2/3 affecting pit ladders including inspections/retroactive installation and rationale for changes. Attendees will become familiar with the latest changes which help them fully understand what the changes are including the rationale for making this revision/s.

5) ASME A17.1-2022/CSA B44:22 – Section 8.6 Maintenance Control Program: Requirements for the MCP and On-Site Documentation (.10 CEUs)

A comprehensive look at Section 8.6, including the use of Non-mandatory Appendix “Y” and associated written requirements to be included with the MCP and on-site documentation. Participants will have a better understanding of the requirements for the MCP, testing procedures required to be on-site, including procedures for inspections and tests not described in ASME A17.2.

6) ASME A17.1-2022 Rule 2.1.7: New requirements or Illumination of Hoistways (.05 CEUs)

Review of the addition of lighting requirements for hoistways associated with all newly constructed elevator hoistways. The goal is to inform participants of the lighting requirement/s, level of illumination, where controls are located, when illumination is automatic, and when standby or emergency power is provided.

Standards Used in these Presentations:

ASME A17.1/CSA B44, ASME A17.2, ASME A17.3, ASME A17.5, ASME A17.6, ASME A17.7, Elevator Industry Field Employees Safety Handbook, National Fire Protection Association Standard(s) 13/70/72/101, International Building

Code (IBC), Jurisdictional laws/rules/code, and the Americans with Disabilities Act as applicable.

Class Outline:

Item #	Topic	Approximate duration (min.)	
		Allows time for Q&A	
1	All references applicable (see item “1” above)	90	.15
2	ASME A17.1 / .2 / .3	90	.15
3	ASME A17.1-2022	120	.20
4	ASME A17.1 / .2 / .3	90	.15
5	ASME A17.1 – 8.6	60	.10
6	ASME A17.1 – 2.1.7	30	.05
	Total Time:	480 min	.8 ceu

Instructor Brief Bio:

E. Chris Strawn

- Elevator Industry 30+ years, including all areas of manufacture, construction, maintenance, management, inspection, instruction.
- Qualified Elevator Inspector (QEI), 20+ years
- American Society of Mechanical Engineers (ASME) - sit on several A17 code making committees (Part 3, 8.6, A17.8)
- National association of Elevator Contractors (NAEC) Education and Safety Committee

- Consultant – specifications for new/altered installations and maintenance, evaluations of equipment, (new/altered/maintenance)
- Instructor – teaching continuing education units (CEUs) nationally to the elevator industry (technicians and inspectors, CC/CET/CAT/QEI).

ESTS2025