The Technical Standards and Safety Authority (TSSA) in conjunction with the Elevating Devices Training and Certification Advisory Board (TCAB) has developed the curriculum standard for the 2019 Elevating Device Mechanic Continuing Education cycle, as defined below:

- 6 hours on safe work practices and related topics that may include product-specific safety applications or procedures; the Act, its regulations, applicable code(s), director’s orders/bulletins; and
- 6 hours on technical training related to the elevator industry, which may include cross-discipline training involving curriculum that may have an impact on the elevator trade.

The following training modules and curriculum content shall be delivered to all Elevating Device Mechanics or Mechanics-In-Training during the 2019 Continuing Education cycle.

**Training Modules**

1. **Safe Working Practices, the Act, Regulations, Code(s) and Directors Orders/Bulletins – 6.0 hours**

   6 hours on safe work practices, the Act, its regulations, applicable code(s) and director’s orders/bulletins, relevant to the elevating device mechanic certificate classification(s) in attendance. The following items shall be delivered by the accredited continuing education training provider:

   1.1 Identify the safe working procedures associated with:

   a. **Industry Safe Work Practices**
      i. Positioning elevating devices for service, maintenance, repair, etc.
      ii. Accessing and egressing the hoistway (car top and pit).
      iii. Securing control space (i.e. machine room, pit, etc.) in public areas.
   
   b. **Electrical Safe Work Practices**
      i. Jumpers.
      ii. Arc flash awareness.
      iii. Removal and restoring power to an elevating device (i.e. lock out, tag out).
   
   c. **Technical Standards and Safety Act, 2000 and all associated Regulations**
      i. Ontario Regulation 209/01: reporting of incidents, returning and removing and elevating device from service, notification requirements and obligations of an elevating device mechanic.
      iii. Log book reporting requirements.
   
   d. **Industry Information Bulletins**
      i. Review and define scope of certification, as defined in Ontario Regulation 222/01 for all elevating device mechanic classifications.
      ii. Review and define requirements for supervision of an elevating device mechanic or mechanic-in-training, as defined in Ontario Regulation 209/01, Ontario Regulation 222/01 and all associated Director’s Orders/bulletins.
   
   e. **Machine Room Less Elevators (“MRL”)**
      i. Using the car top as a work platform.
      ii. Positioning elevating devices for service, maintenance, repair, etc.
      iii. Accessing and egressing the hoistway (car top and pit).
      iv. Securing control space (i.e. machine room, pit, etc.) in public areas.
      v. Disconnecting means for equipment mounted inside the hoistway (auxiliary electrical cabinets, transformers, hydraulic equipment, etc).

2. **Technical Training – 6.0 hours**

   6 hours on technical training related to the elevator industry, which may include cross-discipline training involving curriculum that may have an impact on the elevator trade.
Suggested Reference Materials
ASME A17.1/CSA B44 Safety Code for Elevators and Escalators
ASME A17.2 Guide for Inspection of Elevators, Escalators, and Moving Walks
CAN/CSA B311 Safety Code for Manlifts
CSA B355 Lifts for Persons with Physical Disabilities
CAN/CSA Z256 Safety Code for Material Hoists
ANSI A10.2 Rope Guided Hoist
CAN/CSA Z185 Safety Code for Personnel Hoists
Elevating Devices Code Adoption Document
Elevator Industry Field Employee Safety Handbook
Industry Related Information Bulletins
Occupational Health and Safety Act, R.S.O. 1990, c. O.1
Technical Standards and Safety Authority, www.tssa.org

General
Elevating device mechanic-in-training certificate holders (EDM-T’s) who are enrolled in and actively attending classroom apprenticeship training (toward an EDM-A certificate) or a classroom training program (toward an EDM-B through EDM-F certificate) through an accredited training provider are exempt from the continuing education requirements, so long as the training has taken place since the previous renewal.

Elevating device mechanic certificate holders identified as qualified instructors by accredited elevating device continuing education training providers and approved as qualified instructor(s) by TSSA are exempt from the continuing education requirements, so long as the complete 2019 continuing education curriculum has been delivered during the renewal cycle by the qualified instructor.

Training Providers
Accredited continuing education training providers will be identified accordingly at www.tssa.org.

All existing accredited continuing education training providers shall submit their continuing education training programs for approval prior to the 2019 Continuing Education cycle. Training shall not commence until formal approval has been issued by TSSA.

The requirements for those organizations seeking accreditation as a training provider or approval of a training program are referred to the Elevating Devices Training Provider Accreditation Policy (the “Policy”) for accreditation requirements. The Policy is available at www.tssa.org.

Elevating device mechanics or mechanics-in-training that have been trained by an organization not accredited for continuing education or an accredited training provider found in contravention of the Policy will not have their applications processed and will be required to re-train. Accredited continuing education training providers shall:
- Employ knowledge verification measures applicable to Safe Working Practices, the Act, Regulations, Code(s) and Directors Orders/Bulletins as part of the January 1, 2019 – December 31, 2020 continuing education cycle;
- Determine Technical Training content for delivery that is relevant to the elevating device mechanic certificate classification(s) in attendance; and
- Deliver an update on ASME A17.1/B44 on a biennial basis.

Effective
The continuing education requirements detailed in the 2019 curriculum standard are applicable to all elevating device mechanic certificate renewals for the period of January 1, 2019 – December 31, 2020.