

Ski Lift Mechanic Continuing Education Curriculum 2022

**Under Ontario Regulation 222/01, Elevating Device Mechanic Policies and Procedures,
Technical Standards and Safety Act, 2000**



January 2022

Effective: January 1, 2022 – December 31, 2023

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The Technical Standards and Safety Authority (“TSSA”) in conjunction with the Ski Lift Training and Certification Advisory Board (“TCAB”) has developed the curriculum standard for the 2022 Ski Lift Mechanic Continuing Education cycle, as defined below:

- 2 hours on safe work practices and related topics that may include product-specific safety applications or procedures; the Technical Standards and Safety Act (the “Act”), its regulations, Z98 Passenger ropeways and passenger conveyors safety code, director’s orders/bulletins; and
- 2 hours on technical training related to the passenger ropeways and conveyors industry, which may include cross-discipline training involving curriculum that may have an impact on the passenger ropeways and conveyors industry.

Training Modules

1. Safe Working Practices, the Act, Regulations, Code(s) and Directors Orders/Bulletins – 2.0 hours

1.1 2 hours on safe work practices, the Act, its regulations, Z98 Passenger ropeways and passenger conveyors safety code, and director’s orders/bulletins relevant to the ski lift mechanic certificate classification(s) in attendance.

1.1.1 What is new in the Z98 2019 and CAD

1.1.1.1 Changes to the code adoption document (CAD) part 5

1.1.2 Safe storage of Fuels equipment

1.1.3 Operations of Passenger Ropeways

1.1.3.1 Observe and enforce policies and procedures related to attendants and operators.

1.1.4 Practical Skills Experience Sign-off Document Requirements (“Skills Passport”)

1.1.4.1 Requirements to hold, maintain, and not to work beyond scope of training and experience (reference Ontario Regulation 222/01)

1.1.4.2 How to use the Skills Passport Document

- The Skills Passport is designed to provide a visual representation of the experience and skills acquired in several specific areas.
- The Skills Passport also serves to highlight those areas in which an SLM-T or a fully certified SLM may need additional experience or training. The sections of the Skills Passport reflect the skills and training objectives that are contained in the applicable In-Class/Theoretical Training Curriculum.
- The SLM-T or SLM has the primary responsibility to ensure the Skills Passport is up-to-date, and in conjunction with their supervising mechanic(s) shall ensure the Skills Passport accurately reflects the experience and training gained during the qualifying period.
- The SLM-T or SLM shall maintain the original copy of the Skills Passport throughout their career and is obligated to produce copies of the Skills Passport to TSSA upon request.

2. Technical Training – 2.0 hours

2.1 2 hours on technical training related to the passenger ropeways and conveyors industry, which may include cross-discipline training involving curriculum that may have an impact on the passenger ropeways and conveyors industry.

2.1.1 Technical training should include but is not limited to at least one of the following topics during the continuing education cycle:

2.1.1.1 Evacuation drives and procedures

- Safety devices that must be operative and inoperative
- Tower grounding
- Changes in the Canadian Electrical Code section 58/600 – 58/610.

2.1.1.2 Brakes; hydraulic systems; line equipment maintenance; low voltage electrical and control circuitry; or tensioning systems.



General

A Ski Lift Mechanic certificate holder identified as a qualified instructor by an accredited continuing education training provider and approved as a qualified instructor by TSSA is exempt from the continuing education requirements, so long as the complete 2022 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.

Those organizations seeking accreditation as a training provider shall refer to the *Passenger Ropeway (Ski Lift) Training Provider Accreditation Policy* (the “Policy”) for accreditation requirements. The Policy is available at www.tssa.org. Ski Lift 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.

It is recommended that accredited continuing education training providers:

- Employ knowledge verification measures applicable to Safe Working Practices, the Act, Regulations, Code(s) and Directors Orders/Bulletins as part of the January 1, 2022 – December 31, 2023, continuing education cycle; and,
- Determine Technical Training content for delivery that is relevant to the ski lift mechanic certificate classification(s) in attendance.
- New COVID Requirements

Effective

The continuing education requirements detailed in the 2022 curriculum standard are applicable to all ski lift mechanic certificate renewals for the period of January 1, 2022 – December 31, 2023.