IN THE MATTER OF:

THE TECHNICAL STANDARDS AND SAFETY ACT 2000,
S.O. 2000, c. 16
- and -
ONTARIO REGULATION 209/01
(Elevating Devices)
- and -
ONTARIO REGULATION 223/01
made under the Technical Standards and Safety Act 2000

Subject: Adoption of CAN/CSA-B44-04 Safety Code for Elevators
Notice of Amendment to Code Adoption Document Effective January 1, 2006

Sent to: All Elevating Device Contractors

1. The Director of Elevating Devices hereby gives notice that pursuant to Section 4. of O.Reg. 223/01 the Elevating Devices Code Adoption Document, Issued by the Technical Standards & Safety Authority dated June 1, 2001, is amended as follows:

Section 6.(1) of the Code Adoption Document is revoked and replaced with the following:

6.(1) Every newly installed or altered elevator, dumbwaiter, escalator, moving walk, material lift, and freight platform lift shall conform to the requirements of CSA-B44-04, Safety Code for Elevators, with the following modifications and clarifications:

(a) Requirements which are identified as applicable to “jurisdictions not enforcing NBCC” are not adopted by this Order. Note: NBCC means the National Building Code of Canada

(b) Requirements identified as applicable “in jurisdictions enforcing NBCC” are adopted

(c) Any reference to the “building code” or to the National Building Code of Canada or “NBCC” in this definition and throughout the Code shall be deemed to refer to the Ontario Regulation 403/97 made under the Building Code Act 1997 or a later edition, commonly known as Ontario Building Code or OBC.

(d) Where there are duplicate requirements under a same number, only the rules prefaced with a lower-case “c” are adopted by this Order. Note: Prefix “c” identifies Canadian (B44) deviations from A17.1 requirements. (example c6.1.6.3.1(a))

(e) Any additional rule prefaced with a lower case “c” is adopted. Note: Where there is inconsistency between the Regulations and this Code (e.g. Rule 2.15.9.2 related to the car-platform guards or aprons) the Regulation prevails, unless otherwise specified in this Ammendment.

(f) Requirement 5.2.1.16.5 - Maximum Rise limitation for LULA elevators is not adopted

(g) Section 5.3 – Private Residence Elevators, is not adopted
(h) Section 5.4 – Private Residence Inclined Elevators, is not adopted

(i) Section 5.8 – Shipboard Elevators, is not adopted

(j) “elevators used for construction” shall be considered to mean the same as the term “temporary elevator” used in Ontario Regulation 209/01

(k) Requirement 5.10.1.9.5(a) is not adopted, and the following is substituted for it: ‘Elevators used for Construction’ with car speeds up to 1.75 m/s (350 ft/min) shall comply with requirement 5.10.1.9.5(b)

(l) “material lift” shall be considered to mean the same as the term “freight platform lift” used in Ontario Regulation 209/01

(m) Sections 7.8 to 7.11 – Dumbwaiters and Material Lifts with Automatic Transfer Devices, that are installed, located and controlled as specified in item 2(3)(j) of the Elevating Device Regulation 209/101, are not adopted

(n) Section 8.7 – Alterations is adopted, with modifications and enforcement procedures as specified in Director’s Order #164/02 including its latest revision.

(o) Section 8.8 – Welding, is adopted, except where the requirements of the section are superseded by the requirements in Section 3 of the Ontario Elevating Devices Code Adoption Document.

(p) Section 8.9 – Code Data Plate is adopted except that the requirements shall not apply to the existing devices installed or altered to versions of the B44 Code earlier than B44-00.

(q) Requirements of elevator maintenance are adopted in accordance with Rule c8.6.12 and Appendix J of the Code. Maintenance records shall be kept in the log book, in accordance with c8.6.12.2.5 of the Code and Section 34 of Ontario Elevating Device Regulation 209/01.

(r) Section 8.11 - Periodic Inspection and Test Requirements are adopted with the following exemptions and modifications

1. Requirements in Rules 8.11.2.2.7 and 8.11.3.2.3(f) for testing of standby or emergency power operation are not adopted with this Order. *Note: These periodic tests fall under jurisdiction of Fire Protection and Building Code Authorities.*

2. Requirement for Periodic Category One, Category Three and Category Five tests in Section 8.11 are not adopted with this Order.

2. **INSTRUCTIONS**

(a) In the case of existing elevators, escalators, etc., the application of any newly adopted code is restricted to the sections covering the inspection, testing, maintenance and use of the elevating devices, unless otherwise required by the Regulation 209/01 under the Technical Standards and Safety Act.

(b) The CSA-B44-04 Safety Code for Elevators, is available from the Canadian Standards Association, 5060 Spectrum Way, Suite 100, Mississauga, ON, L4W 5N6, telephone 1-800-463-6727, 416 747 4044 or online [www.shopcsa.ca](http://www.shopcsa.ca).

(c) Since the Regulation under the Technical Standards and Safety Act requires all mechanics to have full knowledge of the codes applicable to the elevating devices on which they are assigned to work, we would expect that the mechanics involved in the construction, installation and maintenance of elevators, escalators, etc. will obtain a copy of and be familiar with the subject standard.
3. **NOTES**

Contractors are urged to study the B44-04 Code carefully to ensure conformance by the specified date. Major revisions/additions in CSA-B44-04 include:

- 2.26.2.33 Firefighter’s stop switch requirement – located in a separate cabinet in the car for use by the fireman. (See 2.27.3.3.7)
- 2.27.3.1.6(h) requires the visual signal remains active as long as the elevator is on FEO and now the entire area or outline of the symbol must illuminate. Audible signal to remain active with the door open and for 5 seconds after the door closes. Audible signal to be inactive when the car is at the recall level
- 2.27.3.3.1 requires door open and close buttons located in the fire operation panel (see 2.27.3.3.7). An additional door open button must also be provided in the car station when required by 2.13.3.3.2.
- 2.27.3.3.7 requires a separate Fire Operation Panel containing the Fire Operation Switch, call cancel button, Fireman’s Stop Switch, door open and close buttons, an additional visual signal and operating instructions for the fireman. The location of the switches and buttons shall be as shown in Figure 2.27.3.3.7. If rear doors are provided, separate open and close buttons are required in this panel. The cover for the Fire Operation Panel must be openable by the same key as the Fire Operation Switch. The cover cannot be closed if the Fire Operation key is inserted in the switch. The cover is to be self locking.
- 3.19.2.5 Requires that hydraulic pipelines be identified on all accessible piping that is located outside the elevator machine room or hoistway, stating “Elevator Hydraulic Line” in letters that are at least 19 mm (0.75 in.) high in a contrasting color. The marking shall be visible after installation and applied at intervals not greater than 3 000 mm (120 in.).
- New Escalator designs using dynamic skirts are now recognized by the code. Several of the escalator rules are revised to recognize this new design.
- 6.1.5.3.1 (d) Escalator driving-machine brake data plate requirement revised to account for both fixed and variable torque brakes.
- 7.5.1.2.1 has been revised to clarify that type B material lifts do not require a car door or gate. If a car door or gate is provided, it shall comply with Requirement 2.14.4.1.

Conformance with the above rules as well as all other rules in the CSA B44-04 shall be demonstrated in the design submission or at the initial inspection, as applicable.

4. **The Effective Date of said amendments are as follows:**

4.1 **DESIGN SUBMISSIONS** received by TSSA for registration on or after the 1st day of January 2006, shall conform to the requirements of CSA-B44-04 Safety Code for Elevators.

   a) Compliance with this edition of the B44 Code shall be stated in the design submission, in item 192 of the specification sheet or in a separate affidavit.
   b) Submissions received between October 1, 2005 and December 31, 2005 may comply with B44-00 U1-02 or B44-04.
   c) Any designs submitted before October 1, 2005 based on the B44-04 code must be accompanied by a request for variance.

4.2 **The MAINTENANCE REQUIREMENTS** of c.8.6.12 and Appendix J of B44-04, are effective as of the 1st day of January 2006.

Roland Hadaller, Director, TSS Act 2000, [Elevating Devices]

This Order has been developed in consultation with the Elevating Devices Advisory Council.