

LABOR SERVICES DIVISION[875]

Adopted and Filed

Pursuant to the authority of Iowa Code section 89A.3, the Elevator Safety Board (Board) hereby amends Chapter 72, “Conveyances Installed On or After January 1, 1975,” and Chapter 73, “Conveyances Installed Prior to January 1, 1975,” Iowa Administrative Code.

While existing elevators have generally not been required to meet current standards and install modern safety technologies, these amendments require some limited upgrades of older elevators. The amendments adopt by reference significant portions of the American Society of Mechanical Engineers (ASME) Safety Code for Existing Elevators and Escalators, known as A17.3 (2011).

By providing for a 2020 implementation date, the Board will allow building owners five years to make the necessary changes to their equipment. The Board plans an outreach program to notify building owners of the requirements. Although no variance procedures are included in these amendments, applicable variance procedures are set forth in 875—Chapter 66. A variance application form is available on the Board’s Web site, and the Board typically reviews variance applications several times a year.

The purposes of these amendments are to protect the health and safety of the public and implement legislative intent.

Notice of Intended Action was published in the December 10, 2014, Iowa Administrative Bulletin as **ARC 1771C**. No public comment was received on the proposed amendments. Since publication of the Notice, one change has been made to remove an unnecessary semicolon from subrule 73.1(5).

After analysis and review, this rule making could have an impact on jobs. However, the five-year grace period allows building owners flexibility to make updates that are necessary to meet minimum safety requirements.

These amendments are intended to implement Iowa Code chapter 89A.

These amendments shall become effective on April 8, 2015.

The following amendments are adopted.

ITEM 1. Amend rule 875—72.10(89A) as follows:

875—72.10(89A) General requirements.

72.10(1) The provisions contained in ASME A17.1, Part 8, are adopted by reference unless specifically excluded herein.

72.10(2) Except as noted in this rule, the American Society of Mechanical Engineers Safety Code for Existing Elevators and Escalators, A17.3 (2011), is adopted by reference with an enforcement date of May 1, 2020.

a. If a code provision that is more restrictive than A17.3 (2011) applied to a conveyance when the conveyance was installed, the more restrictive provision shall remain in effect.

b. A17.3 (2011) Part X applies to handicapped restricted use elevators without regard to the scope provisions set forth in A17.3 (2011) Part X.

c. Provisions of A17.3 (2011) that require installation of a new controller to implement Phase 1 and Phase 2 fire service or car top operation are not adopted by reference and shall not be enforced in Iowa.

d. A17.3 (2011), Rule 2.3.2, is intended to prevent the accumulation of sewer gas in an elevator pit and shall not be interpreted to require the addition of a drain pipe in an existing pit. An air gap in an existing drain pipe shall be considered adequate compliance.

e. An elevator that was legally installed with guide rails made of materials other than steel shall not be required to replace the guide rails due to the adoption of A17.3 (2011).

ITEM 2. Amend rule 875—73.1(89A) as follows:

875—73.1(89A) Scope, and definitions, and schedule.

73.1(1) This chapter establishes minimum safety standards for all conveyances installed prior to January 1, 1975, except material lift elevators. Conveyances installed on or after January 1, 1975, shall conform with the requirements set forth in 875—Chapter 72. Material lift elevators installed prior to January 1, 1975, are not subject to regulation pursuant to Iowa Code section 89A.2.

73.1(2) The definitions contained in ~~ASME (1971)~~ American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, A17.1 (1971), shall be applicable as used in this chapter to the extent that they do not conflict with the definitions contained in Iowa Code chapter 89A or 875—Chapter 71.

73.1(3) Except as noted in this rule, the American Society of Mechanical Engineers Safety Code for Existing Elevators and Escalators, A17.3 (2011), is adopted by reference with an enforcement date of May 1, 2020.

a. If a code provision that is more restrictive than A17.3 (2011) applied to a conveyance when the conveyance was installed, the more restrictive provision shall remain in effect.

b. A17.3 (2011) Part X applies to elevators covered by rule 875—73.21(89A) without regard to the scope provisions set forth in A17.3 (2011) Part X.

c. Provisions of A17.3 (2011) that require installation of a new controller to implement Phase 1 and Phase 2 fire service or car top operation are not adopted by reference and shall not be enforced in Iowa.

d. A17.3 (2011), Rule 2.3.2, is intended to prevent the accumulation of sewer gas in an elevator pit and shall not be interpreted to require the addition of a drain pipe in an existing pit. An air gap in an existing drain pipe shall be considered adequate compliance.

e. The following shall substitute for the final sentence of A17.3 (2011) Rule 2.1.5(b): “Previously installed 60-inch chains are deemed to be in compliance.”

f. An elevator that was legally installed with guide rails made of materials other than steel shall not be required to replace the guide rails due to the adoption of A17.3 (2011).

73.1(4) The American Society of Mechanical Engineers Safety Code for Elevators and Escalators, A17.1-2013/CSA B44-13 (2013), Rule 2.14.7.1.4, is adopted by reference with an effective date of May 1, 2020.

73.1(5) Rules 875—73.2(89A) to 875—73.6(89A), 875—73.9(89A) to 875—73.17(89A), 875—73.19(89A), 875—73.22(89A), and 875—73.24(89A) and subrules 73.1(2), 73.7(1) to 73.7(9), 73.7(11), 73.18(1), and 73.18(3) to 73.18(7) shall be superseded by corresponding provisions of A17.3 (2011) on May 1, 2020.

[Filed 2/11/15, effective 4/8/15]

[Published 3/4/15]

EDITOR’S NOTE: For replacement pages for IAC, see IAC Supplement 3/4/15.