

**MAINTENANCE CONTROL PROGRAM  
SAFETY CODE FOR ELEVATORS AND ESCALATORS, ASME A17.1-2007/CSA B44-07**

The Safety Code for Elevators and Escalators, ASME A17.1-2007/CSA B44-07, states that a conveyance owner must have a Maintenance Control Program in place for their conveyance(s). The conveyance owner should review this information with their maintenance provider to be sure that they are in compliance with the Code. In regard to the Maintenance Control Program the Code states in part:

**8.6.1.2 General Maintenance Requirements**

**8.6.1.2.1** A written Maintenance Control Program shall be in place to maintain the equipment in compliance with the requirements of 8.6.

- (a) The Maintenance Control Program shall consist of but not be limited to
- (1) examinations, maintenance, and tests of equipment at scheduled intervals in order to ensure that the installation conforms to the requirements of 8.6. The maintenance procedures and intervals shall be based on
    - (a) equipment age, condition, and accumulated wear
    - (b) design and inherent quality of the equipment
    - (c) usage
    - (d) environmental conditions
    - (e) improved technology
    - (f) the manufacturer's recommendations for any SIL rated devices or circuits
  - (2) cleaning, lubricating, and adjusting applicable components at regular intervals and repairing or replacing all worn or defective components where necessary to maintain the installation in compliance with the requirements of 8.6.
- (b) The instructions for locating the Maintenance Control Program shall be provided in or on the controller along with instructions on how to report any corrective action that might be necessary to the responsible party.
- (c) The maintenance records required by 8.6.1.4 shall be kept at a central location.
- (d) The Maintenance Control Program shall be accessible to the elevator personnel and shall document compliance with 8.6.
- (e) Procedures for tests, periodic inspections, maintenance, replacements, adjustments, and repairs for all SIL rated E/E/PES electrical protective devices and circuits shall be incorporated into and made part of the Maintenance Control Program. See 2.26.4.3.2, 2.26.9.4(b), 2.26.9.5.1(b), and 2.26.9.6.1(b).
- (f) Where unique or product-specific procedures or methods are required to inspect or test equipment, such procedures or methods shall be included in the Maintenance Control Program.

**8.6.1.2.2** Where a defective part directly affecting the safety of the operation is identified, the equipment shall be taken out of service until the defective part has been adjusted, repaired, or replaced.

**8.6.1.3 Maintenance Personnel.** Maintenance, repairs, and replacements shall be performed only by elevator personnel (see 1.3).

**8.6.1.4 Maintenance Records**

**8.6.1.4.1** Maintenance records shall document compliance with 8.6 of the Code and shall include records on the following activities:

- (a) description of maintenance task performed and dates
- (b) description and dates of examinations, tests, adjustments, repairs, and replacements
- (c) description and dates of call backs (trouble calls) or reports that are reported to elevator personnel by any means, including corrective action taken
- (d) written record of the findings on the firefighter's service operation required by 8.6.11.1

**8.6.1.4.2 Record Availability.** The maintenance records shall be available to the elevator personnel.

**8.6.1.5 Code Data Plate** **(Note: This is crucial for inspections.)**

**8.6.1.5.1** A data plate that indicates the Code and edition in effect at the time of installation and any alteration (see 8.7.1.8) shall be provided. The data plate shall also specify the Code and edition in effect at the time of any alteration and the applicable requirements of 8.7.

**8.6.1.5.2** The Code data plate shall comply with 8.9.