

Village of Orland Park Village Code 5-1-13
Revisions to Items #187 and 188
Highlights and Deletions *pages 81-84*
7/19/2010

187. That Chapter 30 for Elevators and Conveying Systems, include subsection additions and revisions to read as follows:

3001.2.1 ADDITIONAL REFERENCED STANDARDS: All conveyances shall be designed, constructed, installed, operated, inspected, tested, maintained, altered and repaired in accordance with addenda ASME Standards A17.1-2007/CSA B44-07 and performance-based Safety Code for Elevators and Escalators (A17.7-2007/CSA B44-7-07 (General Requirements for Accredited Elevator/Escalator Certification Organizations), A17.2-2004 Guide for Inspection of Elevators, Elevators, and Moving Walks, A17.3-2005 (Guide for Existing Elevator and Escalators to be completed no later than January 1, 2015 – see public act 096-0054, Section 35(h)). ASME A18.1-2005 (Safety Standards for Platform Lifts and Stairway Chair Lifts), ASME QEI-1-2007 (Standard for the Qualification of Elevator Inspectors). ASCE Standards: ASCE 21-05, Part 1, 2006 (Automated People Mover Standard) and ANSI/ASCE/T&DI 21.2-08, Parts 2, 3 and 4, 2008 (Automated People Mover Standards).
~~A17.1(a)-2005, A17.1(s)-2005, ASME A17.2-2004, ASME A17.3-2005, ASME A18.1-2005, ASME QEI-1-2004, ANSI A10.4-2004, and ASCE 21-2000.~~ (Ord. 4284, 9-4-07)

(3/07)

3002.4 ELEVATOR CAR TO ACCOMMO DATE AMBULANACE STRECHER: In all buildings at least one elevator shall be provided for fire district emergency access to all floors in a building. Such elevator car shall be of such size and arrangement to accommodate a minimum 24 inch by 80 inch (610 mm by 2088 mm) ambulance stretcher in the horizontal open position and shall be identified by the International Symbol for emergency medical services (Star of Life). The symbol shall not be less than 3x3 inches high and wide (76 mm x 76 mm) and shall be placed inside on both sides of the main lobby hoistway door frame. The minimum size to be 2500 pounds with clear inside dimensions not be less than 6"8" wide x4' deep with a 42" side slide door.

[F] 3003.2 FIRE-FIGHTERS' EMERGENCY OPERATION: Elevators shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation in accordance with ASME A17.1 and NFPA 72.

3006.1 MACHINE ROOM ACCESS: An approved means of access shall be provide to elevator machine rooms and overhead machinery equipment spaces. This means is to be used as a passage way through the machine room to other areas of the building or roof.

188. That Sections 3007, 3008, 3009, 3010, 3011 and 3012 shall be added to read as follows:

3007: EXISTING ELEVATORS

3007.1 Safety Code For Existing Elevators: All Existing Elevators are to comply with ASME17.3 – 2005/ Safety Code for existing elevators and escalators. ~~Only upgrades required by application of the Safety Code for Existing Elevators and Escalators must be completed no later than January 1, 2015 per Public Act 096-0054, Section 35(h)~~
(Ord. 4284, 9-4-07)

3008 ELEVATOR MAINTENANCE AND ACCIDENTS

3008.1 OWNERS RESPONSIBILITY: The owner of the owner's legal agent for the building in which the equipment is located shall be responsible for the care, maintenance and safe operation of all equipment covered by this code after the installation thereof and acceptance by such owner or agent. The owner or legal agent shall make or cause to be made all periodic tests and inspections and shall maintain all equipment in a safe operation condition as required by this code.

3008.2 CONTRACTORS RESPONSIBILITY: The person installing any device covered by this code shall make all acceptance tests and shall be responsible for the care and safe operation of such equipment during its construction and until temporary or finally accepted by the Village or Orland Park or their authorized agent for inspections.

3008.3 MAINTENANCE ITEMS: All operation and electrical parts and accessory equipment or devices subject to this code shall be maintained in a safe operating condition. The maintenance of elevators, dumbwaiters and escalators shall conform to ASME A17.1-2007 listed in Appendix A.

3008.4 UNSAFE CONDITIONS: If, upon inspection, any equipment covered by this code is found to be in an unsafe condition, or not in accordance with the provisions of this code, the Village of Orland Park 's or its authorized inspection agent, shall thereupon serve a written notice of such finding upon the building owner or lessee, stating the time when recommended repairs or changes shall be completed. After the service of such notice, it shall be the duty of the owner to proceed within the time allowed to make such repairs or changes as are necessary to place the equipment in a safe condition. It shall be unlawful to operate such equipment after the date stated in the notice unless such recommended repairs or changes have been made and the equipment has been approved by the Village or its inspection agent. An extension of time may be secured if permitted by the Village or its authorized agent performing required inspections. The time durations may be from 24 hours, 7 days, 15 days or a maximum of 30 days as determined by the Building Official.

(9/07)

3008.4.1 POWER TO SEAL EQUIPMENT OUT OF SERVICE: In cases of emergency, the Village or its authorized inspection agent shall have the authority to seal out of service any device or equipment covered by this code when, in the opinion of the Village or its authorized inspectors performing this service, the condition of the device is such that the device is rendered unsafe for operation: or for willful failure to comply with the recommendations and orders.

3008.4.2 NOTICE OF SEALING OUT OF SERVICE: Before sealing any device out of service, the Village or its authorized inspection agent, except in a case of emergency, shall serve written notice upon the building owner or lessee stating intention to seal the equipment out of service and the reason therefore.

3008.4.3 UNLAWFUL TO REMOVE OUT OF SERVICE SEAL: Any device sealed out of service by the Village's authorized inspector, shall be plainly marked with a sign or tag indicating the reason for such sealing. Any tampering with, defacing or removing of the sign, tag or seal without approval shall constitute a violation and fined as indicated in Chapter 1 of this code.

3008.5 ACCIDENTS REPORTED AND RECORDED: The owner of the building shall immediately the Village of every accident involving personal injury or damage to apparatus on, about or in connection with any equipment covered by this code and shall afford the Village every facility for investigating such accident. When an accident involves the failure, breakage, damage or destruction of any part of an apparatus or mechanism, it shall be unlawful to use such device until after an examination by the Village or its inspection agency has approved the equipment for use. The Village inspection staff or its authorized inspector shall make a prompt examination into the cause of the accident and to enter a full and complete report thereof in the records of the Building Department. Such records shall be open for public inspection at all reasonable hours.

3008.5.1 ACCIDENTS REQUIRED TO BE REPORTED TO THE STATE FIRE MARSHAL: As mandated by the 2007 Elevator Safety Act, an owner or lessee of a conveyance must report all injuries and any damages over \$1,000,000 to the Division of Elevator Safety before the close of the next business day. Incident Report Forms can be found at www.state.il.us/osfm/Elevator/IncidentReporting.htm. (Ord. 4284, 9-4-07)

3008.6 REMOVAL OF DAMAGED PARTS: It shall be unlawful to remove from the premises any part of the damaged construction or operating mechanism of elevators, or other equipment subject to the provisions of this code, until permission has been given by the Village.

3009 CERTIFICATE OF COMPLIANCE

3009.1 EQUIPMENT OPERATION APPROVAL BEFORE USE: The operation of all equipment governed by the provisions of this code and hereafter installed, relocated or altered shall be unlawful by the persons other than the installer until such equipment has been inspected and tested as herein required and a final certificate of compliance has been issued by the Village.

3009.2 POSTING CERTIFICATES OF COMPLIANCE: The owner or lessee shall post the current- issued certificate of compliance in a conspicuous place inside the elevator.

3010 CONSTRUCTION DOCUMENTS AND PERMITS

3010.1 APPLICATION: The application for a permit shall be accompanied by construction documents in sufficient detail and indication the location of the machinery room and equipment to be installed, relocated or altered; and all supporting structural members, including foundations. The construction documents shall indicate all materials to be used and all loads to be supported or conveyed. Documents are required to be reviewed and approved before permit is issued (See Chapter 1 of these amendments).

Elevators and Conveying Systems shall conform to the Illinois Accessibility Code per Chapter 11 of this Code

3010.2 PERMITS: Equipment for devices subject to the provisions of this code shall not be constructed, installed relocated or altered unless a permit has been received by the Village and issued before work is commenced. A copy of such permit shall be kept at the construction site at all times while work is in progress. Fees shall be paid to the Village for required permits and maintenance inspections as established and revised.

3011 TESTS AND INSPECTIONS

3011.1 TESTING AND INPSECTIONS GENERAL: All equipment and devices covered by the provisions of this code shall be subjected to acceptance and maintenance tests and inspections as required herein.

3011.2 ACCEPTANCE TESTS: Acceptance tests and inspections shall be required on all new, relocated and altered equipment subject to the provision of this chapter and this code. Tests and inspections shall be of such a nature as to determine whether the entire installations is designed, constructed and installed in compliance with this code, and shall include all parts of the equipment and machinery. In addition, Full Load Test to be done on all equipment. All such tests shall be made in compliance with the requirements of Section 8.10 and the in the presence of the Village, or by an approved agency as designated by the Village and by the person installing such equipment.

3011.3 PERIODIC TESTS AND INSPECTIONS: Periodic tests shall be required on all new and existing power elevator, and periodic inspections shall be made of all new and existing equipment subject to the provisions of this chapter.

3011.3.1 PERIODIC TESTS: Periodic tests shall be made by the Village or by an approved agency, and shall be made at the expense of the responsibility of the owner. Where such tests are not made by the Village, the approved agency shall submit a detailed report of the tests to the Village on approved forms not more than 30 days after the completion of the tests.

3011.3.2 PERIODIC INSPECTONS: Periodic inspections shall be made by the Village or by an approved agency. Where such inspections are not made by the Village, the approved agency shall submit a detailed report of the inspection to the Village on approved forms not more than 30 days after the completion of the inspections.

3011.3.3 FREQUENCY OF TESTS AND INSPECTONS: Tests and inspections shall be conducted at intervals of not more than those set forth in ASME A17.1-2007 listed in Chapter 35 for elevators, escalators, dumbwaiters and moving walks.

3012 MISCELLANEOUS HOISTING AND ELEVATING EQUIPMENT

3012.1 MISCELLANEOUS HOISTING AND ELEVATING EQUIPMENT: All miscellaneous hoisting and elevating equipment shall be subjected to tests and inspections as required by the Village of Orland Park to ensure safe operation.

3012.2 CONVEYORS: Conveyors and related equipment shall be inspected and tested in accordance with ASME B20.1 listed in Chapter 35 53