

2.13.5 Door Reopening Device (Detector) Repair/Replacement/Alteration

Subject:

Repair or Replacement of Existing Elevator Door Detectors (Reopening Devices for Power-Operated Horizontally Sliding Doors and Gates).

Question:

- 1) When replacing the existing Door Reopening Device with the same type as part of a repair or replacement, will it need to meet the requirements of 2.13.5 in the latest adopted edition of the ASME A17.1/CSA B44 code? **Answer: No**
- 2) When the type of reopening device is changed is it considered an Alteration?
Answer: Yes, 8.7.2.13 or 8.7.3.13 will apply, and an Acceptance Inspection is required.
- 3) When replacing an existing Reopening Device with a device that can detect approaching objects, can the 3D field be disabled and only have the 2D field operational? **Answer: No**
- 4) When a “Mechanical Safety Edge” Reopening Device can not be repaired or replaced, does the new Reopening Device have to meet the requirements of 2.13.5 in the latest adopted edition of the ASME A17.1/CSA B44 code? **Answer: Yes**
- 5) If previous technology that claimed to have 3D detection was installed before the ASME A17.1-2019/CSA B44-19 code and does not meet the current code requirements, will it have to be altered/upgraded? **Answer: No**
- 6) If an Alteration is made to a Door Operator only, does the Reopening Device need to meet the requirements of 2.13.5 in the latest adopted edition of the ASME A17.1/CSA B44 code? **Answer: No**
(Unless any part of 8.7.2.10.1(a), (b), (c) is also part of the Alteration)
- 7) When there is an Alteration consisting of a change in Motion Control or Operation Control, does the Door Reopening Device need to meet the requirements of 2.13.5 in the latest adopted edition of the ASME A17.1/CSA B44 code? **Answer: Yes**

References:

- 1) **Repair Parts - 8.6.2.1**
- 2) **Replacement Parts – 8.6.3.1**
- 3) **Replacement of Door Reopening Device – 8.6.3.8**
- 4) **Alteration to Power operation of Hoistway Doors – 8.7.2.12**
- 5) **Alteration to Door Reopening Device – 8.7.2.13**
- 6) **Reopening Devices for Power-Operated Horizontally Sliding Doors – 2.13.5**
- 7) **Alteration to Controllers consisting of a change in Motion Control or Operation Control 8.7.2.27.5(e), 8.7.2.27.6(g), 8.7.3.31.6(e), 8.7.3.31.7**

Implementation: Immediately

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