

## PREFACE

This 7th (2019) edition of the *Elevator Industry Inspection Handbook* is intended for the experienced, knowledgeable elevator inspector who is qualified in compliance with ASME QEI-1. **It is a convenient field reference. It is not a replacement for the code or Inspectors' Guide, but simply a quick reference to locate code rules/requirements in the applicable edition.**

References to the code refer to *ASME A17.1/CSA B44 Safety Code for Elevators and Escalators* and *ASME A17.3 Safety Code for Existing Elevators and Escalators*. Where A17.3 is referenced, the edition in which the requirement first appeared is identified. The rule/requirement number is given in the referenced edition.

Items are referenced to the *ASME A17.2-2017 Guide for Inspection of Elevators, Escalators and Moving Walks*.

Indicated tables show the effective date of code changes for electric elevators, hydraulic elevators, escalators and moving walks through ASME A17.1-2019/CSA B44-19 and A17.3-2015 as arranged in the following example:

**Example:**

| ASME A17.2 Item | Code Edition   | Rule/Req.                    | Subject                | Brief Description                         |
|-----------------|----------------|------------------------------|------------------------|---|
| 1.2             | 95b            | 210.2b<br>2.26.2.5           | Emergency Stop Switch  | Prohibited in passenger cars              |
| 1.5             | 86d<br>17.3-83 | 204.7<br>2.14.7.1.3<br>3.4.5 | Emergency Car Lighting | Passenger-car emergency lighting required |

Note that the applicable edition of ASME A17.3 is identified, and the requirement number for A17.1-2000 and later editions is listed below the rule number for the last listing of each Item.

Where there is a similar requirement in ASME A17.3, the reference is also given for that requirement and the edition of A17.3 in which it first appeared. The code rule/req. number corresponds with the edition and may be a different rule/req. number in later editions. The later edition and rule/req. number may also be given. The National Electrical Code (NEC®) is also referenced where helpful. These tables are intended only to assist the qualified inspector as a quick reference in the field. They do not include the complete requirement, but offer sufficient information to identify the requirement for the qualified inspector.

The description of periodic tests provides an outline of the tests required for experienced inspectors. *ASME A17.2 Inspectors' Guide* should be referenced for complete detailed procedures and explanations.

Comments and suggestions for improvements, or additions or deletions to improve the value of this handbook are welcomed and requested and may be forwarded to Zack McCain at e-mail: [zackrm@aol.com](mailto:zackrm@aol.com).

## **S A F E T Y - S A F E T Y - S A F E T Y**

Safety is the most important part of an inspector's job. The *Elevator Industry Field Employees' Safety Handbook* specifies the safety procedures to be followed. The inspector must follow these standards and procedures as a minimum. The *Elevator Industry Field Employees' Safety Handbook*, with its latest changes, is available online at: <http://safety.elevatorworld.com/handbook.htm>.

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