



Subject: Minimum Door Speed Closing Times

Issue:

What are the Code requirements for the minimum door speed closing times including data tags?

Background:

To mitigate the chance of injury to passengers entering and exiting elevators it is imperative that elevator door minimum closing speed be set to meet elevator safety requirements.

Requirements:

ASME A17.1/CSA B44 Safety Codes for Elevators and Escalators for the year 1990 and newer additions requires minimum door closing times be tested as part of a Maintenance Control Plan (MCP), Category-1 test.

To fulfill the requirements of Category 1 test 8.6.4.19.8 "Power Operation of Door Systems", a data tag must be completed and installed as per code.

The minimum closing time can be obtained from the original manufacturer. In the absence of actual minimum door close time from the manufacturer, the upper time limit of the door-close-time range in ASME A17.2 Appendix G or ASME A17.1 2019/CSA B44-19 Appendix Z **MUST** be used.

Sample door time data tag:

MINIMUM DOOR CLOSING TIMES	
NORMAL CLOSE - STANDARD HOISTWAY DOOR(S)	___ SEC
NUDGING CLOSE - STANDARD HOISTWAY DOOR(S)	___ SEC
NORMAL CLOSE - HEAVIER HOISTWAY DOOR(S)	___ SEC
NUDGING CLOSE - HEAVIER HOISTWAY DOOR(S)	___ SEC

Implementation: *Immediately*

Original signed by:

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AEDARSA, VP of Operations

TYPE: Information	DESCRIPTION: Minimum Door Speed Closing Times	REGULATION: Elevating Devices Code
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