



City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

Amendment to 2022 American Society of Mechanical Engineers (ASME) A17.1 Section 2.7.5.1

Submitted by: ASME/Elevator Code Committee

2.7.5.1 Working Areas in the Car or on the Car Top. The requirements of 2.7.5.1.1 through 2.7.5.1.4 shall be complied with ~~if maintenance or inspections of~~ when the elevator driving-machine brake, emergency brake, elevator motion controller, or motor controller are located in the hoistway. ~~to be carried out from inside the car or from the car top.~~

2.7.5.1.1 If ~~When Maintenance or inspection~~ any work is performed ~~of~~ to the elevator driving-machine brake or an emergency brake, or of elevator motion controllers or motor controllers from inside the car or from the car top ~~that~~ could result in unexpected vertical car movement, a means to prevent this movement shall be provided.

Justification: To prevent the possibility of accidental disengagement of the brakes both electrically and mechanically during work being performed on equipment located in the hoistway.

Cost Impact: Minimal

Approved in previous 2018 Code Adoption process: YES NO

ACTION TAKEN:

2024 Code Committee Date: 11/25/2024
 Approved as submitted Modified and approved Denied No action taken

Development Advisory Board (DAB) Subcommittee Date: 02/20/2025
 Approved as submitted Modified and approved Denied No action taken

Development Advisory Board (DAB) Date:
 Approved as submitted Modified and approved Denied No action taken

Transportation, Infrastructure and Planning Subcommittee Date:
 Approved as submitted Modified and approved Denied No action taken

City Council Action Date:
 Approved as submitted Modified and approved Denied No action taken