



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:
 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