

U.S. Consumer Product Safety Commission

Log of Meeting

SUBJECT: ASME A17 Residential Elevator Committee Meeting

DATE OF MEETING: May 3, 2016

LOG ENTRY SOURCE: Anthony Teems

DATE OF LOG ENTRY: May 11, 2016

LOCATION: Palm Springs, CA

CPSC ATTENDEES: Anthony Teems

NON-CPSC ATTENDEES: Contact ASME A17

SUMMARY OF MEETING:

ASME-A17 Residential Elevators Subcommittee call to order, introductions, call for new business

Anthony Teems, CPSC, addressed the subcommittee explaining briefly the CPSC process for petitions and rulemaking. Directions for online access to the CPSC elevator petition were provided.

The following items were discussed in detail:

1. A17.1 Door clearances – several relevant changes have reached consensus and will be published in the next iteration scheduled for October 2016. Those changes include the following:
 - Distance from swinging doors to hoistway threshold reduced from 3.0 in. to 0.75 in.
 - Maximum deflection of horizontal car doors is 0.75 in when loaded with 75 pound-force.
 - Maximum deflection of folding doors when loaded to 75 pound-force with a 4 in diameter sphere is 0.75 in.
 - The space between swinging hoistway doors and folding car doors must reject a 4 in diameter ball at all points.
2. A17.2 Inspection Guide – Under revision to develop inspection methods to achieve the goals set by A17.1 door clearances (listed above).
3. Committee is developing changes to allow optical sensors as an alternative to door clearances for prevention of entrapment. These changes have not reached consensus and will not be included in A17 version to be published in October 2016.
4. Committee members agree that not all states have elevator codes and not all states that have elevator codes are up to date with the A17 Standard. Enforcement is inconsistent, state to state.
5. Many other future revisions to ASME A17 were discussed in detail.