



Construction Use Elevator Minimum Guidelines

Elevator and Amusement Ride Division
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Single car Guidelines:

- 1) A wire dependent two way intercom system like McKee Hoistcom. These devices require a station at each trained and aware the elevator is operating without fire safety devices installed meaning the elevator could run during a fire. This requires the operator to be aware of undetected smoke inside the hoist way and unchecked amounts of water in the pit and listen for elevator malfunctions.
- 2) Qualified elevator operator inside the elevator operating it at all times. This should be someone who is safety floor, one in the elevator and one in the machine room. Cell phones and walkie-talkies are not allowed, only a wire dependent intercom style is accepted.
- 3) No hall stations/call buttons are permitted, only intercom s need to be used.
- 4) Attendant operation only, no automatic doors etc. Operator has to hold door close button to close doors.
- 5) Requires Pit lights 10fc and light switch. Temp lighting (10fc) with switch ok.
- 6) Pit Ladder required.
- 7) Machine room lighting (19fc) with light switch. Temp lights (19fc) with switch ok.
- 8) Machine room door required to be self-closing/self-locking. Temp non fire rated door ok but still needs to be self-closing/self-locking.
- 9) Pit sump pump should to be installed and tested (50gpm per elevator) Temp sump ok but has to be tested.
- 10) Fused power disconnect required that is lockable/tag-able. Temp disconnect that meets code ok as long as conductors are protected from damage and a ground is provided. Label elevator number and have safe operating clearances.
- 11) Entrances will be protected from damage. Sills will be made level to protect nosing. Platforms/ramps to meet elevations with handrails is required.
- 12) Fire extinguisher, ABC type, 10 lb. recommended. Must be inside machine room with equipment or adjacent to MRL elevator machine access level entrances.
- 13) Cab enclosures shall be protected. The elevator flooring must meet the elevation of the sill nosing.
- 14) The elevator escape hatch shall be made secure in the closed position and an electrical contact in place
- 15) The elevator isn't to be turned over for automatic operation until re-inspected by the state.

Multiple cars, below additional guidelines need to be followed:

- 16) Ground Wire Same size as conductor
- 17) Control Room/Hoist way Temperature Control- AC or Heat (NRG is not Independent)
- 18) Temporary Fire Call on all Elevators including smoke heads in elevator lobbies.
- 19) Completion of Elevator Lobby, doors installed Mag hold opens do not need to drop.
- 20) No work in elevator shafts remaining.
- 21) Generator test does NOT need to be ready.
- 22) Temp threshold to provide smooth transition.

A Nebraska State Inspector must inspect an elevator and a "Construction Use" Certificate of Operation issued before an elevator may be used for any purpose. No person or company including a contractor, owner, tenant or elevator company may use the elevator to haul construction materials, furniture or personnel not directly related to the installation and construction unless permitted by a monthly temporary "Construction Use" certificate of operation issued by the SFM-Elevator and Amusement Ride Division.

Revised 9/16/2020