



Department of Public Safety

Division of Fire Safety

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To: Elevator Inspectors & Elevator Companies
From: Division of Fire Safety
RE: EVO Traction Elevators – Code Clarification

This memo is intended as a clarification for what is, and is not, required for traction elevators where the machine is located in the hoist way overhead.

1. A sprinkler head is not permitted to be installed in either the machine space (hoist way overhead) and/or the control room (elevator machine room) of a traction elevator.
2. A sprinkler head is to be installed in a traction elevator pit where the drive machine is located in the overhead.
3. Temperature control (50-90deg) must be provided in both the machinery space (hoist way overhead) and the control room in accordance with IBC, 2015 Edition, Section 3005.2

**IBC, International Building Code, 2015 Edition;
Section 3005.2 – Venting**

Elevator machine rooms, machinery spaces that contain the driving machine, and control rooms or spaces that contain the operation or motion controller for elevator operation shall be provided with an independent *ventilation* or air-conditioning system to protect against overheating of the electrical equipment. The system shall be capable of maintaining temperatures within the range established for the elevator equipment.

4. A fire alarm device (smoke detector) must be installed in the machine space (hoist way overhead) and control room (elevator machine room). The fire alarm devices are to recall the elevator to proper landing and initiate fire service operations. Devices are not to be connected to or initiate the operation of either the machine space (hoist way overhead) or the control room (elevator machine room) ventilation systems.

If you should have any further questions, please contact me.

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