

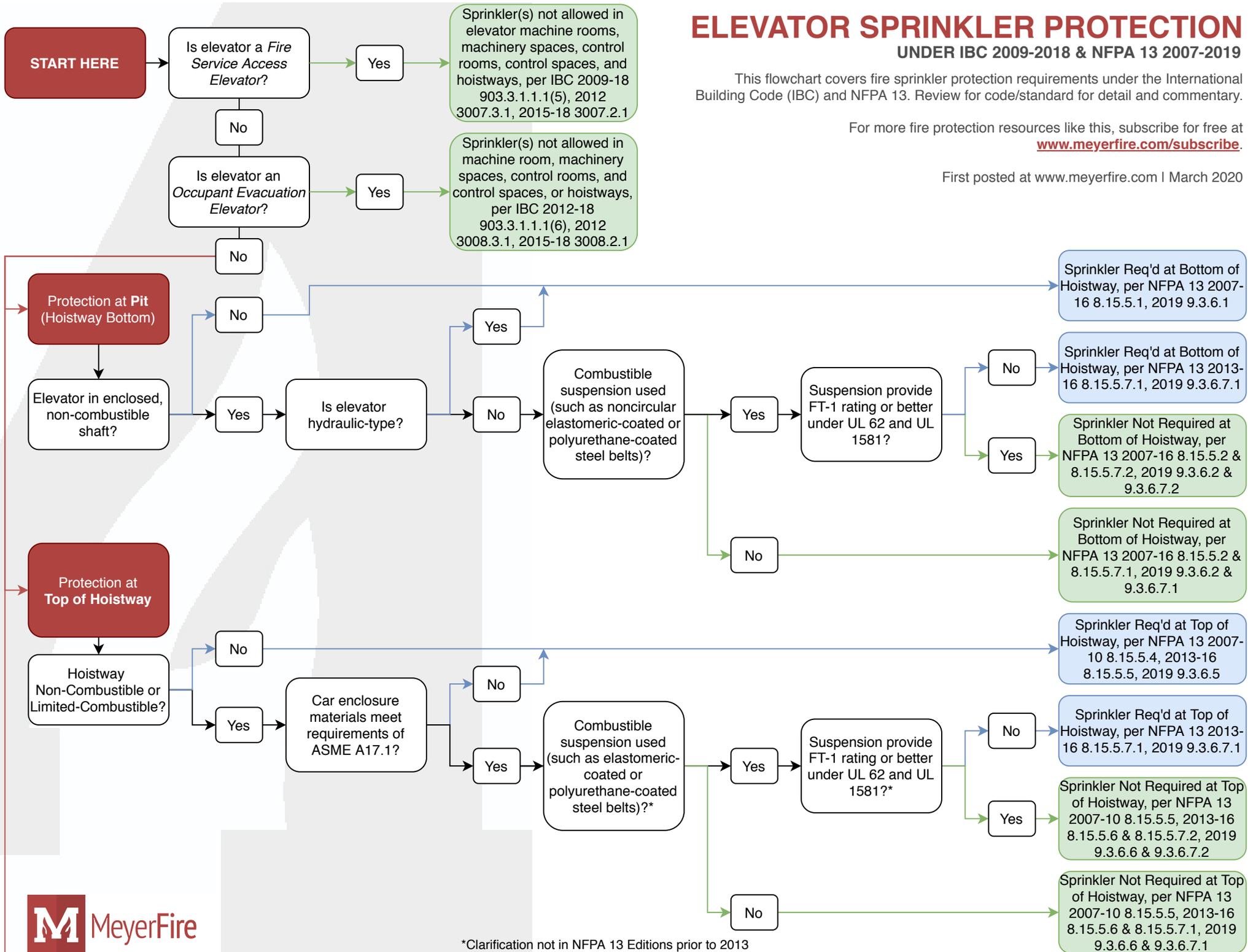
ELEVATOR SPRINKLER PROTECTION

UNDER IBC 2009-2018 & NFPA 13 2007-2019

This flowchart covers fire sprinkler protection requirements under the International Building Code (IBC) and NFPA 13. Review for code/standard for detail and commentary.

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*Clarification not in NFPA 13 Editions prior to 2013

Protection at Elevator Machine Room, Machinery Space, Control Space, or Hoistway

NFPA 13 2013-2019 Edition?

No

Sprinkler(s) required in space, per NFPA 13 (no exceptions exist)

Yes

Sprinkler(s) required in space, per NFPA 13 2013-16 8.15.5.3, 2019 9.3.6.3

Is elevator traction-type?

No

Space does not qualify for NFPA 13 8.15.5.3(1)

No

Space does not qualify for NFPA 13 8.15.5.3(1)

No

Space does not qualify for NFPA 13 8.15.5.3(2)

Yes

Space dedicated to elevator equipment only?

Yes

Space protected by smoke detection or other automatic fire detection per NFPA 72?

Yes

Space separated from building in accordance with applicable building code?

No

Space does not qualify for NFPA 13 8.15.5.3(3)

Yes

Space does not qualify for NFPA 13 8.15.5.3(4)

Yes

Any materials unrelated to elevator equipment stored within space?

No

Sprinkler(s) allowed to be omitted from space, per NFPA 13 2013-16 8.15.5.3, 2019 9.3.6.3