



Fire Alarm Narrative: 02/18/26  
Napa Auto Parts  
2321 NE Independence Ave  
Lee's Summit MO 64064

This is a narrative examining the fire alarm requirements for the Napa Auto Parts space and detailing the changes to system to comply with requirements set forth in 2018 IFC and 2016 NFPA 72 as referenced in 2018 IFC.

IFC uses occupant class and load of spaces to determine fire alarm requirements. The architect's plans state the space is M-Mercantile and the load is 30 persons. The existing manual fire alarm system serving the Napa space complies with the requirements set forth in 2018 IFC section 907.2.7 for M occupancies:

A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group M occupancies where one of the following conditions exists:

1. The combined Group M occupant load of all floors is 500 or more persons.
2. The Group M occupant load is more than 100 persons above or below the lowest level of exit discharge.

The occupant notification system requirements are set forth in NFPA 72 chapter 18. The new racking installed in the Napa Auto Parts space has created obstructions which affect the visibility of the existing horn/strobes in the space. Additional horn/strobes shall be installed as indicated on the plans to ensure visibility with the new racking system in place.

The existing control panel, a FireLite ES-50X, is a modern control unit with current UL listings. The panel has a maximum of 50 addressable points, which the existing system is currently utilizing 10. The existing control panel has room to accommodate controls for a new NAC power supply, and a smoke detector above as required by NPFA 72. A new Honeywell HPF-PS6 NAC power supply will be installed in the space to power the new horn/strobes.

The shop drawings provided comply with the requirements for shop drawings outlined NFPA 72 Chapter 7 and referenced in Section 907.1.2 of IFC

If you have any questions please let me know.

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NICET Level III Fire Alarm Systems #173432



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