

# **Adoption of the 2021 International Fire Codes and 2021 NFPA 101 Life Safety Code**

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# Highlights

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- 01.** Monitoring of all Fire Suppression Systems
- 02.** Fire Sprinkler information
- 03.** Fire alarm Information
- 04.** High Rise information
- 05.** Closing

# Monitoring of all Fire Suppression Systems

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This is done to ensure small restaurants that do not have alarm systems but do have hood systems are staying in compliance. Also, to include FM200 systems that are stand alone systems.

This is not retroactive so it will only apply to new restaurants.



# Fire Sprinkler Information

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Typically Fire Sprinkler systems are required in any structure that is 12,000sqft or larger or 3 stories in height of greater.

There are other guidelines, such as A2 (Restaurants, bars, etc.) have a sqft. limit of 5000 or occupant load of 100 or more.

Northgate: In the core there are 32 bars  
16 have sprinklers  
16 non-sprinklered

Currently there are two establishments that are being remodeled, both of which do not meet the requirements to have a fire sprinkler system mandatory.



# Fire Alarm Information

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Typically Fire Alarm systems are required in any structure with an occupant load of 300 or more.

There are other guidelines, such as A2 (Restaurants, bars, etc.) have an occupant load of 100 or more requiring a system.

Northgate: Much like the sprinkler systems

16 Fire Alarm System

16 Non fire alarm systems

Like sprinkler system they did not meet the requirements for mandatory alarm system.



# High Rise Requirements

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High Rise- A building with an occupied floor located more than 75 feet above the lowest level of fire department vehicle access.

For the fire department, the requirements if designated high rise increase by adding:

1. Fire Command Center
2. Fire Pump
3. Pressurized Stairwells
4. 2 FDCs remote from each other
5. Voice EVAC Alarm System
6. Emergency/Standby Power system





# Thank you

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Thank you for your consideration and possible adoption of the 2021 IFC and 101 life safety code.

Thank you for your commitment to the safety of our citizens, firefighters, and visitors.

**Eric Dotson**

Fire Marshal

College Station Fire Department