



Fire Prevention Division

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SUPPLEMENTAL RULES & REGULATIONS

Number:	08-903.3.1.1		
Subject:	Fire Sprinkler Hazard Classification For Buildings of Undetermined Use		
Code:	2003 International Fire Code	Code Section:	903.3.1.1
Effective Date:	June 16, 2008	Issued by:	Fire Marshal Roger Parker 
Revision Date:	NA	Issued by:	NA
Supersedes:	NA	Date:	NA

AUTHORITY:

§104.1 of the 2003 International Fire Code authorizes the fire marshal to render interpretations of the fire code, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions.

PURPOSE:

To clarify the intent of the fire code amendment and establish rules and regulations regarding requirements for fire sprinkler hazard classification for buildings of undetermined use.

SCOPE:

This regulation covers all facilities, buildings, or uses within the City of Avondale after the effective date.

GENERAL:

The 2003 International Fire Code §903.3.1.1, as amended by the City of Avondale states:

Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Section 903.3.1.1.1. Partial sprinkler systems are prohibited.

SUPPLEMENTAL RULE OR REGULATION:

Fire sprinkler design shall be based on the hazard classification of the building or area in accordance with National Fire Protection Association (NFPA) Standard 13. Automatic fire sprinkler designs for high-piled storage shall be in accordance with Chapter 23 and the National Fire Protection Association (NFPA) Standard 13.

When fire sprinkler systems are required in buildings of undetermined use, they shall be designed and installed to have a sprinkler density of not less than that required for an Ordinary Hazard, Group 2 use with a minimum design area of 3,000 square feet. Use is considered undetermined if not specified at the time that the building plans are reviewed. Where a subsequent occupancy requires a system with greater capability, it shall be the

responsibility of the occupant to upgrade the system to the required density for the new occupancy.

Changes of use and/or commodity to a higher hazard classification or storage configuration that exceeds the capabilities of the existing sprinkler system design shall require the sprinkler system to be modified. The sprinkler system shall be modified to provide an approved design in accordance with National Fire Protection Association (NFPA) Standard 13, or other applicable design standard, for the commodity present in the building or area.