



## Fire Prevention Division

1825 N. 107<sup>th</sup> Av.  
 Avondale, Arizona 85392  
 Phone: (623) 333-6140  
 Fax: (623) 333-0600  
 Website: www.avondale.org

### SUPPLEMENTAL RULES & REGULATIONS

<b>Number:</b>	11-907.2		
<b>Subject:</b>	Non-Required or Supplementary Fire Alarm Equipment		
<b>Code:</b>	2003 International Fire Code	<b>Code Section:</b>	907.2
<b>Code:</b>	2002 National Fire Alarm Code	<b>Code Section:</b>	3.3.111
<b>Code:</b>	2002 National Fire Alarm Code	<b>Code Section:</b>	3.3.197
<b>Code:</b>	2002 National Fire Alarm Code	<b>Code Section:</b>	5.5.2.4
<b>Effective Date:</b>	August 25, 2011	<b>Issued by:</b>	Fire Marshal Roger Parker <i>Roger Parker</i>
<b>Revision Date:</b>	NA	<b>Issued by:</b>	NA
<b>Supersedes:</b>	NA	<b>Date:</b>	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 §907.2 and establish rules and regulations regarding requirements for the installation of “non-required” and “supplementary” fire alarm equipment that is installed in addition to the fire alarm equipment required by §907.2.

**SCOPE:**

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

**GENERAL:**

The 2003 International Fire Code §907.2, as amended by the City of Avondale states:

*.....An approved automatic fire alarm system shall be installed in accordance with the provisions of this code, NFPA 72 and fire department policy....*

**SUPPLEMENTAL RULE OR REGULATION:**

In accordance with the National Fire Alarm Code (NFPA 72), any equipment installed in addition to the required fire alarm equipment in §907.2 is considered either “non-required” or “supplementary”:

“Non-required” equipment is equipment that is not required by the Fire Code or by the statutory authority. It is installed voluntarily at the request of the OWNER. Non-required equipment must fully comply with the requirements of the Code and be designed and installed to satisfy the goals intended for the system. The goals and the design intent should also be documented (NFPA 72 Handbook: 3.3.111).

“Supplementary” equipment must meet two specific conditions:

1. The equipment must not be required by the Code.
2. The Fire Marshal must specifically declare in writing that the equipment is supplementary.

This two phased test helps limit the use of supplementary equipment (NFPA 72 Handbook: 3.3.197).

The installation of “non-required” or “supplementary” fire alarm equipment must be approved in writing by the Fire Marshal. The building OWNER shall submit a written request to the Fire Marshal listing the proposed “non-required” or “supplementary” fire alarm equipment, the proposed fire protection goal or objective, and the hazard to be protected. The Fire Marshal shall provide written documentation of the approval or denial of the request.

**JUSTIFICATION:**

The City of Avondale Fire Code §907.2, identifies the fire alarm equipment that is to be installed in buildings. These requirements were written based on the Cities fire experience and the fact that all commercial buildings are built with fire sprinkler systems. These requirements provide a reasonable, cost effective level of early fire detection based on the intended occupancy and use of the space. It is our experience that the installation of “non-required” or “supplementary” fire alarm equipment adds to the cost of the installation, adds to the cost of maintenance, and is the cause of many false alarms.