



Fire Prevention Division

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SUPPLEMENTAL RULES & REGULATIONS

Number:	08-104.7.2		
Subject:	Technical Assistance		
Code:	2003 International Fire Code	Code Section:	104.7.2
Effective Date:	June 4, 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 and establish rules and regulations regarding requirements for technical assistance.

SCOPE:

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

GENERAL:

The 2003 International Fire Code §104.7.2 states:

104.7.2 Technical assistance. *To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to inspection by the fire code official, the fire code official is authorized to require the owner or agent to provide, without charge to the jurisdiction, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or fire safety specialty organization acceptable to the fire code official and shall analyze the fire safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes. The fire code official is authorized to require design submittals to be prepared by, and bear the stamp of, a registered design professional.*

SUPPLEMENTAL RULE OR REGULATION:

1. Technical assistance is required for the following new projects, major remodels, additions, or fire protection system retrofits to existing facilities:
 - a. High-rise buildings.
 - b. Hospitals.
 - c. Jails, prisons, reformatories and buildings where personal liberties of inmates are similarly restrained.
 - d. Semiconductor fabrication facilities.
 - e. Complex hazardous materials storage or processes.
 - f. Buildings using active smoke management systems.
 - g. High-piled storage facilities.
 - h. Private fire protection water supply reservoirs.
 - i. Major fire protection system upgrades or retrofits involving multiple fire protection and life safety systems
 - j. Developments located in urban/wildland interface areas.
 - k. Fire and Life Safety Analysis.
 - l. Other facilities requiring complex fire protection and life safety systems as required by the fire marshal.
2. Technical assistance is required for the following proposals:
 - a. Performance based design alternatives.
 - b. Major code modifications per section 104.8 of the 2003 International Fire Code.
 - c. Major alternative materials or methods per section 104.9 of the 2003 International Fire Code.
3. The fire marshal reserves the right to approve technical assistance on a case by case basis.
4. Avondale Fire Rescue requires technical assistance submittals to bear the stamp of a qualified Arizona Registered Fire Protection Engineer with a Firm/Branch office registered with the Arizona Board of Technical Registration.
5. Avondale Fire Rescue has established a list of specialty organizations that are acceptable to provide technical assistance within the City of Avondale. Any other organization or person that wishes to perform technical assistance within the City of Avondale must submit a resume and be approved in advance by Avondale Fire Rescue.