



**CODE ADVISORY COMMITTEE**  
**Meeting of the**  
**Mechanical Electrical Plumbing & Fire Subcommittee**

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**DATE** : **August 12, 2013 (Monday)**

**TIME** : **1:30 p.m. to 2:30 p.m.**

**LOCATION** : **1660 Mission Street, Room 6034**

This Subcommittee meets regularly on the Monday immediately preceding the second Wednesday of each month at 1660 Mission Street, Room 6034. If you wish to be placed on a mailing list for agendas, please call (415) 575-6832.

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Note: Public comment will be taken after each agenda item. Reference documents relating to agenda items are available for review at 1660 Mission Street, first floor. For information, please call Kirk Means at (415) 575-6832

**AGENDA**

- 1.0 Call to Order and Roll Call.  
Members: Jim Reed, Chair, Jerry Cunningham, P.E., Marc Cunningham, Robert Wong, M.E., Shane O'Reilly, Henry Karnilowicz.
- 2.0 Discussion and possible action regarding proposed San Francisco amendments to the 2013 California Mechanical, Electrical, and Plumbing Codes. The possible action is to make a recommendation the full Code Advisory Committee for their further action. (30 min)
- 3.0 Discussion and possible action regarding proposed San Francisco amendments to the 2013 California Building Code, Chapters 3,4,5,6,7,8,9, & 10, 27,28,29, and existing San Francisco Building Code Chapters 13A & 13D. The possible action is to make a recommendation the full Code Advisory Committee for their further action. (30 min)
- 4.0 Subcommittee Members' and Staff's identification of agenda items for the next meeting, as well as current agenda items to be continued to another subcommittee regular meeting or special meeting. Subcommittee discussion and possible action regarding administrative issues related to building codes.
- 5.0 Public comment will be heard on items not on this agenda but within the jurisdiction of the Code Advisory Committee. Comment time is limited to 3 minutes per person or at the call of the Chair.
- 6.0 Adjournment.

Note to members: Please review the appropriate material and be prepared to discuss technical changes at the meeting. If you are unable to attend, please notify Chair Jim Reed, at (415) 861-6522 or Building Inspector Kirk Means at (415) 575-6832. The meeting will begin promptly.

## **KNOW YOUR RIGHTS UNDER THE SUNSHINE ORDINANCE**

Government's duty is to serve the public, reaching its decision in full view of the public. Commissions, boards, councils and other agencies of the City and County exist to conduct the people's business. This ordinance assures that deliberations are conducted before the people and that City operations are open to the people's review.

For information on your rights under the Sunshine Ordinance (Chapters 67 of the San Francisco Administrative Code) or to report a violation of the ordinance, please contact:

**Chris Rustom, Administrator**  
**Sunshine Ordinance Task Force**  
**415-554-7724**

Copies of the Sunshine Ordinance can be obtained from the Interim Administrator of the Sunshine Task Force, the San Francisco Public Library and on the City's website at [www.sfgov.org](http://www.sfgov.org).

## **POLICY STATEMENT OF PUBLIC HEARING OR MEETING**

Pursuant to Section 67.7-1(c) of the San Francisco Administrative Code, members of the public who are unable to attend the public meeting or hearing may submit written comments regarding a calendared item to Technical Services Division, at 1660 Mission Street, San Francisco, CA 94103 or at the place of the scheduled meeting. These written comments shall be made a part of the official public record.

## **SAN FRANCISCO LOBBYIST ORDINANCE**

Individuals and entities that influence or attempt to influence local legislative or administrative action may be required by the San Francisco Lobbyist Ordinance (SF Administrative Code Sec. 16.520-16.534) to register and report lobbying activity. For more information about the Lobbyist Ordinance, please contact the Ethics Commission at 1390 Market Street #701, SF, CA 94102 or (415) 554-9510 voice, or (415) 703-0121 fax, or visit their website at <http://www.sfgov/ethics/>.

## **ACCESSIBLE MEETING INFORMATION POLICY**

In order to assist the City's efforts to accommodate persons with severe allergies, environmental illness, multiple chemical sensitivity or related disabilities, attendees at public meetings are reminded that other attendees may be sensitive to various chemical based products. Please help the City to accommodate these individuals.

The meeting will be held at the Department of Building Inspection, 1660 Mission Street. The closest accessible BART stations are the Civic Center Station at 8th (at the United Nations Plaza) and Market Street and 16th at Mission Street.

Accessible MUNI/Metro lines servicing this location are the, 42 - Downtown, 14 & 14 Limited - Mission, and F - Market bus lines. For information about MUNI accessible services call (415) 923-6142.

The meeting room is wheelchair accessible. Accessible curb side parking spaces have been designated on Mission and Otis Streets. There is accessible parking available within the Department of Building Inspection parking lot. The entrance to this lot is on Otis Street.

Accessible seating for persons with disabilities (including those using wheelchairs) will be available. Assistive Listening devices will be available at the meeting. A sign language interpreter will be available upon request. Agendas and Minutes of the meeting are available in large print/tape form and/or readers upon request. Please contact Technical Services Division at (415) 558-6205, providing 72 hours notice will help to ensure availability.

To request a sign language interpreter, reader, materials in alternative formats, or other accommodations for a disability, please contact Technical Services Division at (415) 558-6205. Providing 72 hours notice will help to ensure availability.

Materials are available in alternate formats on request.

## Code Comment Form

<b>ARTICLE 334 NON-METALLIC SHEATHED CABLE: TYPES NM, NMC, and NMS</b>				
<p><b>Revise existing amendment</b> OLD TEXT 334.10. Uses permitted. (2) Multi-family dwellings permitted to be of Types III, IV, and V construction <b>not exceeding 4 6 stories and up to 75 feet as defined by the San Francisco Building Code</b> except as prohibited in 334.12. NEW TEXT 334.10. Uses permitted. (2) Multi-family dwellings permitted to be of Types III, IV, and V construction <b>not exceeding 5 stories as defined by the San Francisco Building Code</b> except as prohibited in 334.12.</p>				
<b>COMMENT 1:</b>				
<p><b>Name:</b> Ron Allen (Revised 8/7/2013)  <b>Date:</b> 4/30/13</p>				
<p><b>Comments/Findings:</b> REASON: To conform the building code regarding Type III buildings, the practical effect of this will allow NMC in 5 story TYPE III structures. <i>Justification:</i> Existing buildings in San Francisco were constructed without the required degree of separation and fire resistance required by current code. Density and size adjacent buildings is high increasing the risk of spread of fire in an emergency. Electrical utility power density is high due to the necessity of delivering power to this dense building environment, increasing the risk of electrical explosions, fire and shock.</p>				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
			X	
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	
		X		
<b>COMMENT 2:</b>				
<p><b>Name:</b> Mechanical, Electrical, Plumbing + Fire Subcommittee  <b>Date:</b> 6/10/2013</p>				
<p><b>Comments/Findings:</b> Committee voted to support staff's recommendation to revise existing amendment.</p>				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
			X	
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	
		X		
<b>Index keywords:</b>				
<b>COMMENT 3:</b>				
<p><b>Name:</b> Code Advisory Committee  <b>Date:</b> 6/12/2013</p>				
<p><b>Comments/Findings:</b> Voted unanimously to support staff's and the subcommittee's recommendations to revise existing amendment.</p>				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
			X	
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	
		X		
<b>Index keywords:</b>				

<b>COMMENT : TSD Analysis</b>				
Name: Date:				
Comments/Findings:				
Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	

Code Comment Form

<b>TABLE 701.1 — Materials</b>				
<i>701.1.2.2 Revise this section as follows:</i>				
<i>701.1.2.2 [<del>HCD1 &amp; HCD 2</del>] ABS and PVC installations are limited to not more than two stories of areas of residential accommodation.</i>				
<b>COMMENT 1:</b>				
Name: Steve Panelli Date: 8/9/2013				
Comments/Findings:				
Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
		X		
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	
	X			
<b>COMMENT 2:</b>				
Name: Mechanical, Electrical, Plumbing + Fire Subcommittee Date:				
Comments/Findings:				
Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	
Index keywords:				
<b>COMMENT 3:</b>				
Name: Code Advisory Committee Date:				
Comments/Findings:				
Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	
Index keywords:				
<b>COMMENT : TSD Analysis</b>				
Name: Date:				

<b>Comments/Findings:</b>				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	

**SFBC SECTION ~~709~~ 708 — FIRE PARTITIONS**

*709.4 708.4 Add exception to list of exceptions as follows:*

**7. Non-bearing fire partitions separating group B tenant spaces in fully sprinklered high-rise office buildings are not required to extend beyond the underside of a ceiling that is not part of a fire- resistance-rated assembly. A wall is not required in attic or ceiling spaces above tenant separation walls.**

**COMMENT 1:**

**Name: Ron Tom, Tomas Le**  
**Date: 4/30/2013**

**Comments/Findings: To carry forward previous amendment without change except for section number**

Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
		X		
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	
			X	

**COMMENT 2:**

**Name: MEP & Fire Subcommittee**  
**Date: 7/15/2013**

**Comments/Findings: Voted to recommend deletion of existing amendment as it appears less restrictive and therefore not allowed. Subcommittee recommends the City Attorney offer an opinion on same.**

Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:
				X
Place an X in one of the following:	More Restrictive:	Less Restrictive:	Neither more nor less:	
		X		

**Index keywords:**

**COMMENT : TSD Analysis**

**Name:**  
**Date:**

**Comments/Findings:**

Place an X in one of the following:	Retain as is:	Update as noted:	Revise:	Delete:

<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	



Code Comment Form

**SFBC SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS**

903.2.8 Add exception 5 as follows:

3. Pursuant to Health and Safety code Section 13113 ~~existing~~ occupancies housing ambulatory children only, none of whom are mentally ill or mentally retarded, and buildings or portions thereof in which such children are housed are not more than two stories in height, and buildings or portions thereof housing such children have an automatic fire alarm system activated by approved smoke detectors.

4. Pursuant to Health and Safety code section 13143.3 ~~existing~~ occupancies licensed for protective social care which house ambulatory clients only, none of whom is a child (under the age of 18 years), or who is elderly (65 years of age or over).

5. An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses, one- and two- family dwellings not more than three stories above grade plane that do not have an automatic residential fire sprinkler system installed. [CRC 1.1.3,R313.1, R313.2]

~~903.2.8 Add the following section:~~

~~903.2.8.1 903.2.8.2 [CRC R313.1 CRC 1.1.3, R313.1, R313.2] Townhouse, one and two family dwellings not more than three stories above grade plane automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in townhouses, one and two family dwellings not more than three stories above grade plane.~~

~~Exception. An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses, one and two family dwellings not more than three stories above grade plane that do not have an automatic residential fire sprinkler system installed.~~

~~903.2.8.1.1 903.2.8.2.1 [CRC R313.1.1 CRC 1.1.3, R313.1.1, R313.2.1] Design and installation. Automatic residential fire sprinkler systems for townhouses, one and two family dwellings not more than three stories above grade plane shall be designed and installed in accordance with Section 903.3.1.3 unless a different standard is required by other provisions of this code.~~

~~903.2.8 Add the following section:~~

~~903.2.8.2 [CRC R313.2] One and two family dwelling automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in one and two family dwellings.~~

~~Exception. An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential fire sprinkler system installed.~~

~~903.2.8.2.1 [CRC R313.2.1] Design and installation. Automatic residential fire sprinkler systems shall be designed and installed in accordance with Section 903.3.1.3 unless a different standard is required by other provisions of this code.~~

<b>COMMENT 1:</b>				
<b>Name:</b> Thomas Le				
<b>Date:</b> 4/27/13				
<b>Comments/Findings:</b> Revise to carry the intent of CRC that applied to townhouses, one- and two-family dwellings not more than three stories above grade plane. This revision is needed to avoid the confusion in the current 2010 SFBC.				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
			X	
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	
	X			
<b>COMMENT 2:</b>				
<b>Name:</b> MEP & Fire Subcommittee				
<b>Date:</b> 7/15/2013				
<b>Comments/Findings:</b> 1) Voted to delete the word "existing" in exception 3&4 of section 903.2.8.. Requested that City Attorney help with alternate wording that would require sprinklers in a new construction situation but not trigger sprinkler installation in a remodel of an existing occupancy/facility. 2) Voted to add a new exception #5 as worded above. 3) Voted to delete previously added amendments to 903.2.8.2, 903.2.8.2.1, & reject their updates since new exception 5 has the same effect.				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
			X	
<b>Place an X in one of the following:</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	
	X			
<b>Index keywords:</b>				
<b>COMMENT :</b>		<b>TSD Analysis</b>		
<b>Name:</b>				
<b>Date:</b>				
<b>Comments/Findings:</b>				
<b>Place an X in one of the following:</b>	<b>Retain as is:</b>	<b>Update as noted:</b>	<b>Revise:</b>	<b>Delete:</b>
<b>Place an X in one</b>	<b>More Restrictive:</b>	<b>Less Restrictive:</b>	<b>Neither more nor less:</b>	

## Code Comment Form

<b>of the following:</b>			
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