

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
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- 14. Other reasons - defined below

Comments

Currently adopted IBC does not contain language that was added by the current amended IFC language.

Submitted by:

Proposed Amendment Language

Revise *The following Section*

Helistop. The same as "Heliport" except that no fueling, defueling, maintenance, repairs or storage of helicopters is permitted.

Justification

The amended language added to the original definition of Helistop in the adopted IFC is not consistent with the definition for Helistop in currently adopted IBC. Removing the added language now allows consistency between the two adopted codes.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 8, 2016 Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code Chapter 3 section 307

Code Section Topic Section 307-Open Burning,Recreational Fires & Portable Outdoor Fireplaces

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
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Comments

Added Section 307.4.4 as amended should be deleted.

Submitted by: Paul Harrision

Proposed Amendment Language

Delete *The following Section*

Delete added section 307.4.4 in its entirety.

Justification

Construction of commercial food cooking equipment is in accordance with the locally adopted mechanical code. Section 904 of the adopted Fire Code addresses fire protection for commercial cooking systems. Section 307 & 308 of the adopted Fire Code addresses distance requirements for open flames. This added section only serves as a reference to already existing requirements in locally adopted codes and is used primarily as a guideline to existing practices in several jurisdictions.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

322.7 Electrical. The existing building's electrical system shall not be used to supplement lighting and power systems used by the production company unless specifically approved and permitted.

Justification

The term "code official" is not defined in the adopted IBC & IFC or in the amendments to these codes. Deleting the term code official eliminates any potential conflict between adopted codes.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

322.8 Structural Loading. Sets, scenery, rigging and other equipment shall not impact the structural integrity of existing buildings. Additional loads applied to the building shall require approval. Upon request, an engineering analysis from a licensed structural engineer shall be provided.

Justification

The term "code official" is not defined in the adopted IBC & IFC or in the amendments to these codes. Deleting the term code official eliminates any potential conflict between adopted codes.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 9, 2016 Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/amended/added section 322.10.4

Code Section Topic Motion Picture & Television Production Studio,Sound Stages,Production Facilities, and Production Locations

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
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Comments

This is an added section to clarify filming and movie production in Southern Nevada

Submitted by: Paul Harrison

Proposed Amendment Language

Delete *The following Section*

Delete Section 322.10.4 in its entirety

Justification

The added section deals with wiring for temporary (less than 180 days) fire alarms systems that do not meet locally adopted NEC 300.1. NEC 2011 590.2(a) already addresses temporary wiring and is defined as 90 days. Deleting this section would remove any conflict with locally adopted NEC and its existing provisions for temporary wiring.

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Comments

Las Vegas Fire & Rescue does not issue permits for vehicular access gates. Permits are issued by Department of Building & Safety

Submitted by:

Proposed Amendment Language

Revise *The following Section*

503.6.1 Permit. An installation permit issued by the building official is required to install a gate that obstructs a fire apparatus access road. A separate permit is required for each gated entrance.

Justification

Currently Las Vegas Fire & Rescue does not issue a separate permit for gates across fire apparatus roads. Standard procedure currently has the department of Building & Safety issuing permits for all gates to be installed across fire apparatus roads. In cooperation with Building & Safety, Las Vegas Fire Prevention reviews and inspects gates for final approval. Building & Safety remains the issuing agency

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

604.2.15.2.1 Emergency Power Loads. "See International Building Code as adopted by The City of Las Vegas"

Justification

Currently adopted IBC and NFPA 70 have provisions that address emergency power and emergency power loads. Eliminating that section from the IFC eliminates duplicative requirements already provided for in different codes.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

606.1 Scope. Refrigeration systems shall be installed in accordance with the Uniform Mechanical Code. Systems where potential concentration of refrigerant/room volume exceeds the factors listed Chapter 11 of the the Uniform Mechanical Code shall be in accordance with this section.

Justification

Revising the existing amendment language clarifies what section in the currently adopted mechanical code to reference.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 10, 2016

Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/Amended section 606.5

Code Section Topic Mechanical Refrigeration

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
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- 3. Required to be consistent with State statues or agency laws
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- 14. Other reasons - defined below

Comments

This clarifies what section in the currently adopted mechanical code to reference

Submitted by: Paul Harrison

Proposed Amendment Language

Revise *The following Section*

606.5 Access. Refrigeration systems having a refrigerant circuit containing more than the allowable quantity of refrigerant as stated in Chapter 11 of the Uniform Mechanical Code shall be accessible to the fire department at all times as required by the fire code official.

Justification

Revising the existing amendment language clarifies what section in the currently adopted mechanical code to reference

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 10, 2016

Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/Amended section 606.6

Code Section Topic Mechanical Refrigeration

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
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- 14. Other reasons - defined below

Comments
This clarifies what section in the currently adopted mechanical code to reference

Submitted by: Paul Harrision

Proposed Amendment Language

Revise *The following Section*

606.6 Testing of Equipment. Refrigeration equipment and systems having a refrigerant circuit containing more than the allowable quantity of refrigerant as stated in Chapter 11 of the Uniform Mechanical Code shall be subject to periodic testing in accordance with section 606.6.1. A written record of required testing shall be maintained on the premises. Tests of emergency devices or systems required by this chapter shall be conducted by persons trained and qualified in refrigeration systems.

Justification

Revising the existing amendment language clarifies what section in the currently adopted mechanical code to reference

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 10, 2016

Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/Amended section 606.7

Code Section Topic Mechanical Refrigeration

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
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- 14. Other reasons - defined below

Comments

This clarifies what section in the currently adopted mechanical code to reference

Submitted by: Paul Harrision

Proposed Amendment Language

Revise *The following Section*

606.7 Emergency Signs. Refrigeration units or systems having a refrigerant circuit containing more than the allowable quantity refrigerant as stated in Chapter 11 of the Uniform Mechanical Code shall be provided with approved emergency signs, charts, and labels in accordance NFPA 704. Hazard signs shall be in accordance with the Uniform Mechanical Code for classification of refrigerants listed herein.

Justification

Revising the existing amendment language clarifies what section in the currently adopted mechanical code to reference

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 10, 2016

Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/Amended section 606.11

Code Section Topic Mechanical Refrigeration

Amendment Criteria - Check all that apply

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- 14. Other reasons - defined below

Comments

This clarifies what section in the currently adopted mechanical code to reference

Submitted by: Paul Harrision

Proposed Amendment Language

Revise *The following Section*

606.11 Storage, use and handling. Flammable and combustible materials shall not be stored in machinery rooms to refrigeration systems having a refrigerant circuit containing more than the allowable quantity of refrigerant as stated in Chapter 11 of the Uniform Mechanical Code. Storage, use or handling of extra refrigerant or refrigerant oils shall be required by the Uniform Mechanical Code.

Justification

Revising the existing amendment language clarifies what section in the currently adopted mechanical code to reference

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Delete *The following Section*

803.9 Site fabricated stretch systems. "Delete section 803.9 in its entirety."

Justification

The adopted IBC currently contains language that mirrors or is similar to language in the adopted IFC. Deletion of section 803.9 would eliminate duplicative provision that already exist in other codes therefore reducing the possibility of future code conflicts.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Add *The following Section*

Section 809 Fiber Reinforced Polymer. See International Building Code as adopted by The City of Las Vegas

Justification

Adding a new section 809, Fiber Reinforced Polymer to the currently adopted IFC Chapter 8 and have this section refer to the currently adopted IBC allows for consistency between the two codes and eliminates future code conflicts.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Add *The following Section*

903.3.1.3.1 Draftstopping. Draftstopping in combustibile concealed spaces shall be provided in Group R occupancies equipped in an automatic sprinkler system in accordance with NFPA 13D. Fireblocking and draftstopping shall be in accordance to section 703.1

Justification

Currently adopted IBC has provisions for draftstopping in Group R buildings. By adding a new section requiring draftstopping in Group R buildings with automatic sprinklers system designed under NFPA 13D will allow for consistency between the currently adopted IBC and IFC and provide further clarification to reduce future conflicts with between adopted codes.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Add *The following Section*

903.3.1.2.2 Draftstopping. Draftstopping in combustibile concealed spaces shall be provided in Group R occupancies equipped in an automatic sprinkler system in accordance with NFPA 13R. Fireblocking and draftstopping shall be in accordance to section 703.1

Justification

Currently adopted IBC has provisions for draftstopping in Group R buildings. By adding a new section requiring draftstopping in Group R buildings with automatic sprinklers system designed under NFPA 13D will allow for consistency between the currently adopted IBC and IFC and provide further clarification to reduce future conflicts with between adopted codes.

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Comments

Submitted by:

Proposed Amendment Language

Add *The following Section*

909.21 Elevator hoistway pressurization alternative. "Add entire section of 909.21 including all subsections from 2012 IBC." This will be a new added section to the IFC.

Justification

The newly added section will provide further code correlation between the adopted IBC and adopted IFC in regards to smoke control systems. By adding this section, both the IFC and IBC are consistent and no conflict exist in regards to smoke control systems.

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- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Add *The following Section*

909.22 Smokeproof enclosures. "Add entire section of 909.20 from adopted IBC to adopted IFC as a new section."

Justification

The newly added section will provide further code correlation between the adopted IBC and adopted IFC in regards to smoke control systems. By adding this section, both the IFC and IBC are consistent and no conflict exist in regards to smoke control systems.

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- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
- 6. Required to clarify the intent of the code or standard
- 7. Required to address unique designs or systems not anticipated in the code or standard
- 8. Required to provide for consistency in regional interpretation and application of the code or standard
- 9. Required to address errata in the code or standard
- 10. Required due to limitations in local fire-fighting equipment and /or capability
- 11. Required to achieve the desired level of structural and/or fire-life safety
- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Delete *The following Section*

Delete IFC 1003 through 1028 excluding 1028.6.2.3 and replace with following:

1003.1 Applicability. See International Building Code as adopted by the City of Las Vegas.

Justification

Elements of means of egress systems and specific requirements for exit access, exit, and exit discharge are detailed by the International Building Code. The deleted language is duplicative and creates the potential for future code conflicts.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
- 6. Required to clarify the intent of the code or standard
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- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

Section 1029 Emergency Escape and Rescue. "See International Building Code as adopted by The City of Las Vegas"

Justification

The adopted IBC currently has the same provisions. Eliminating the provisions in the currently adopted IFC is required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date:

Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
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- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Delete *The following Section*

Delete section 1030.2.1 in its entirety

Justification

The adopted IBC currently has the same provisions. Eliminating the provisions in the currently adopted IFC is required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date:

Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
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- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Delete *The following Section*

2311.4 Below-grade areas. "Delete section 2311.4 in its entirety."

Justification

Section 2311.4 in its entirety to be add as an amendment to IBC section 406.8. Repair garages are currently covered under IBC section 406.8. By incorporating section 2311.4 of the IFC into section 406.8 of the IBC allows for consistency between the two codes in regards to the subject matter. Section 2311.4 currently references requirements in the IBC and UMC under its subsections, therefore placing the existing IFC language into the IBC would provide provide further clarification.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 15, 2016

Code/Standard: IFC

Proposal Number: (Year/Code/Standard,Section) 2012 International Fire Code/Chapter 11

Code Section Topic Construction requirements for existing buildings

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
- 6. Required to clarify the intent of the code or standard
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- 11. Required to achieve the desired level of structural and/or fire-life safety
- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Requirements of existing buildings to be governed by IBC or IEBC

Submitted by: Paul Harrision

Proposed Amendment Language

Delete *The following Section*

Delete Chapter 11 and all of its amended portions of the 2012 International Fire Code in its entirety.

Justification

Elimination of this chapter relieves any conflicts between the IFC and the currently adopted IBC or IEBC

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
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- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Delete *The following Section*

2311.7 Repair garages for vehicles fueled by lighter than air fuels. "Delete section 2311.7 in its entirety."

Justification

Section 2311.4 in its entirety to be add as an amendment to IBC section 406.8. Repair garages are currently covered under IBC section 406.8. By incorporating section 2311.4 of the IFC into section 406.8 of the IBC allows for consistency between the two codes in regards to the subject matter. Section 2311.4 currently references requirements in the IBC and UMC under its subsections, therefore placing the existing IFC language into the IBC would provide provide further clarification.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Aug 16, 2016 Code/Standard: NFPA

Proposal Number: (Year/Code/Standard,Section) 2013 NFPA 72/12.2.4

Code Section Topic Circuits and Pathways

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
- 3. Required to be consistent with State statues or agency laws
- 4. Required to address special uses and occupancies
- 5. Required to correlate the provisions of a given national model code with other national model code or prevailing State Law
- 6. Required to clarify the intent of the code or standard
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- 11. Required to achieve the desired level of structural and/or fire-life safety
- 12. Required to provide less stringent requirements than those currently adopted editions of the technical Construction and fire codes
- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Clarifies requirement for fire alarm system wiring

Submitted by: Paul Harrision

Proposed Amendment Language

Revise *The following Section*

12.2.4* The installation of all pathway wiring, cable and equipment shall be in accordance with NFPA 70, National Electric Code and the applicable requirements of 12.2.4.1 through 12.2.4.4. In all occupancies other than residential two stories or less, all wiring installed as part of the fire alarm system shall be enclosed in metallic conduit or shall be MI,MC or AC cable.

Justification

The revised language provides further clarification regarding the installation of circuits and pathways as they relate to fire alarm systems only. Furthermore the revised language to NFPA 72 eliminates duplicate provision also found in NFPA 70 and reduces the likelihood of future code conflicts.

CITY OF LAS VEGAS 2015 CODE AMENDMENT PROPOSAL

WORKSHEET

Date: Code/Standard:

Proposal Number: (Year/Code/Standard,Section)

Code Section Topic

Amendment Criteria - Check all that apply

- 1. Required to address local geologic, geographic, topographic or climatic conditions
- 2. Required for code or standard correlation
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- 13. Required to eliminate duplicative provisions in different codes and the resultant potential for future code conflicts
- 14. Other reasons - defined below

Comments

Submitted by:

Proposed Amendment Language

Revise *The following Section*

IAPMO

UPC-12

Justification

The currently adopted Uniform Plumbing Code has provisions that address fuel gas piping systems, appliances and equipment. Removing the added reference to the National Fuel Gas Code provides consistency with the currently adopted code as the referenced standards.