

1 **BILL NO. 2005-22**

2 **ORDINANCE NO. \_\_\_\_\_**

3 AN ORDINANCE TO AMEND THE CITY'S FIRE CODE TO UPDATE FIRE PROTECTION  
4 REQUIREMENTS FOR CERTAIN STRUCTURES AND OCCUPANCIES, AND TO PROVIDE  
FOR OTHER RELATED MATTERS.

5 Proposed by: David L. Washington, Chief,  
6 Department of Fire and Rescue

Summary: Amends the City's Fire Code to  
update fire protection requirements for certain  
structures and occupancies.

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8 THE CITY COUNCIL OF THE CITY OF LAS VEGAS DOES HEREBY ORDAIN  
9 AS FOLLOWS:

10 SECTION 1: The document entitled "A SUPPLEMENTAL DOCUMENT  
11 AMENDING THE NFPA 1, UNIFORM FIRE CODE, 2003 EDITION," as adopted by Ordinance No.  
12 5667 of the City of Las Vegas, Nevada, is amended by modifying certain sections thereof and adding  
13 new sections thereto, as set forth in Sections 2 to 15, inclusive, of this Ordinance. The asterisks that  
14 appear after NFPA 1 section numbers, and the bracketed numbers that appear at the end of certain  
15 provisions, reflect asterisks and bracketed numbers as they appear in the NFPA 1 (as amended), and  
16 have the significance described therein. Brackets otherwise appearing are bolded and indicate the  
17 deletion of material.

18 SECTION 2: Section 3.3.138.22 is amended to read as follows:  
19 **3.3.138.22\* Residential Board and Care Occupancy.** A building or portion thereof that is used for  
20 lodging and boarding of [four] three or more residents, not related by blood or marriage to the owners  
21 or operators, for the purpose of providing personal care services.

22 SECTION 3: Section 3.3.22.2 is amended to read as follows:  
23 **3.3.22.2\* Apartment or Condominium Building.** A building containing three or more dwelling  
24 units with independent cooking and bathroom facilities. [101:3.3]

25 SECTION 4: A new Section 13.3.2.3.5 is added as follows:  
26 **13.3.2.3.5** Alterations, renovations, tenant improvements, or any change in occupancy or use in any  
27 existing building with more than 10,000 square feet in total area, and containing an area greater than  
28 5,000 square feet that is not separated by a 2-hr fire barrier, shall require the installation of an

1 automatic fire sprinkler system within the entire building.

2 SECTION 5: A new Section 13.3.2.22.3 is added as follows:

3 **13.3.2.22.3** Buildings greater than 250 feet in height (above grade) shall have redundant fire  
4 protection water supply system feeding the standpipes and the fire sprinkler in the building. Two fire  
5 pumps, one electric primary fire pump and one secondary diesel redundant fire pump shall be  
6 installed. Secondary emergency power supply for the electric fire pump is not required.

7 SECTION 6: A new Section 13.7.1.4.10.6(B)(1) is added as follows:

8 **13.7.1.4.10.6(B)(1)** Multi-channel voice evacuation systems shall be installed in high-rise buildings  
9 with large and complex floor plans, and in other complex structures with high occupant load, as  
10 required by the AHJ.

11 SECTION 7: New Sections 13.7.2.9.3.1 and 13.7.2.9.3.1.1 are added as follows:

12 **13.7.2.9.3.1** In a structure classified as a high-rise building, in lieu of installing stand-alone type  
13 smoke alarms, system-type smoke detectors with sounder-bases shall be installed in every guest room  
14 and every living area and sleeping room within the guest suite.

15 **13.7.2.9.3.1.1** Activation of these devices shall send an alarm signal to the building fire alarm control  
16 panel, but the alarm shall sound only within the individual dwelling unit, suite of rooms, or similar  
17 area and shall not actuate the building fire alarm system, unless otherwise permitted by the AHJ.

18 SECTION 8: Section 13.7.2.11 is amended to read as follows:

19 **13.7.2.11 New Apartment or Condominium Buildings**

20 SECTION 9: Section 13.7.2.11.1 is amended to read as follows:

21 **13.7.2.11.1** Apartment or condominium buildings with more than three stories or with more than 11  
22 dwelling units, other than those meeting 13.7.2.11.2 or 13.7.2.11.3, shall be provided with a fire alarm  
23 system in accordance with 13.7.1.4, except as modified by 30.3.4.2 through 30.3.4.5.2 of NFPA 101.

24 [101:30.3.4.1.1]

25 SECTION 10: New Sections 13.7.2.11.4.1 and 13.7.2.11.4.1.1 are added as follows:

26 **13.7.2.11.4.1** In a structure classified as a high-rise building, in lieu of installing stand-alone type  
27 smoke alarms, system-type smoke detectors with sounder-bases shall be installed outside every  
28 sleeping area in the immediate vicinity of the bedrooms and on all levels of the dwelling unit,

1 including basements.

2 **13.7.2.11.4.1.1** Activation of these devices shall send an alarm signal to the building fire alarm  
3 control panel, but the alarm shall sound only within the individual dwelling unit and shall not actuate  
4 the building fire alarm system, unless otherwise permitted by the AHJ.

5 SECTION 11: A new Section 13.7.2.11.6 is added as follows:

6 **13.7.2.11.6** Corridors, spaces open to corridors and common areas shall be provided with system  
7 smoke detectors that comply with NFPA 72, National Fire Alarm Code.

8 SECTION 12: Section 13.7.2.12 is amended to read as follows:

9 **13.7.2.12 Existing Apartment or Condominium Buildings**

10 SECTION 13: Section 13.7.2.12.1 is amended to read as follows:

11 **13.7.2.12.1** Apartment or condominium buildings with more than three stories or with more than 11  
12 dwelling units, other than those meeting 31.3.4.1.2 of NFPA 101, shall be provided with a fire alarm  
13 system in accordance with 13.7.1.4, except as modified by 31.3.4.2 through 31.3.4.5 of NFPA 101.  
14 [101:31.3.4.1.1]

15 SECTION 14: A new Section 13.7.2.27.2.4 is added as follows:

16 **13.7.2.27.2.4** Smoke detectors shall be installed in each mechanical equipment room, electrical room,  
17 transformer room, telephone equipment room or similar room.

18 SECTION 15: A new Section 13.7.2.27.2.5 is added as follows:

19 **13.7.2.27.2.5** Fire alarm systems installed in high-rise buildings shall utilize peer-to-peer network  
20 systems, and the network nodes shall be interfaced with each other utilizing either style 6 or style 7  
21 wiring methods as described by the currently adopted version of NFPA 72.

22 SECTION 16: If any section, subsection, subdivision, paragraph, sentence, clause or  
23 phrase in this ordinance or any part thereof is for any reason held to be unconstitutional or invalid or  
24 ineffective by any court of competent jurisdiction, such decision shall not affect the validity or  
25 effectiveness of the remaining portions of this ordinance or any part thereof. The City Council of the  
26 City of Las Vegas hereby declares that it would have passed each section, subsection, subdivision,  
27 paragraph, sentence, clause or phrase thereof irrespective of the fact that any one or more sections,  
28 subsections, subdivisions, paragraphs, sentences, clauses or phrases be declared unconstitutional,

1 invalid or ineffective.

2 SECTION 17: Whenever in this ordinance any act is prohibited or is made or declared  
3 to be unlawful or an offense or a misdemeanor, or whenever in this ordinance the doing of any act is  
4 required or the failure to do any act is made or declared to be unlawful or an offense or a  
5 misdemeanor, the doing of such prohibited act or the failure to do any such required act shall  
6 constitute a misdemeanor and upon conviction thereof, shall be punished by a fine of not more than  
7 \$1,000.00 or by imprisonment for a term of not more than six months, or by any combination of such  
8 fine and imprisonment. Any day of any violation of this ordinance shall constitute a separate offense.

9 SECTION 18: All ordinances or parts of ordinances or sections, subsections, phrases,  
10 sentences, clauses or paragraphs contained in the Municipal Code of the City of Las Vegas, Nevada,  
11 1983 Edition, in conflict herewith are hereby repealed.

12 PASSED, ADOPTED and APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

13 APPROVED:  
14  
15 By \_\_\_\_\_  
OSCAR B. GOODMAN, Mayor

16 ATTEST:  
17  
18 BARBARA JO RONEMUS, City Clerk

19 APPROVED AS TO FORM:  
20 Val Steed 3-23-05  
21 Date

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1 The above and foregoing ordinance was first proposed and read by title to the City Council on the  
2 \_\_\_\_\_ day of \_\_\_\_\_, 2005, and referred to the following committee composed of  
3 \_\_\_\_\_ and \_\_\_\_\_ for recommendation;  
4 thereafter the said committee reported favorably on said ordinance on the \_\_\_\_\_ day of  
5 \_\_\_\_\_, 2005, which was a \_\_\_\_\_ meeting of said Council; that at said  
6 \_\_\_\_\_ meeting, the proposed ordinance was read by title to the City Council  
7 as first introduced and adopted by the following vote:

8 VOTING "AYE": \_\_\_\_\_  
9 VOTING "NAY": \_\_\_\_\_  
10 ABSENT: \_\_\_\_\_

12 APPROVED:

13  
14 By \_\_\_\_\_  
OSCAR B. GOODMAN, Mayor

15 ATTEST:  
16  
17 BARBARA JO RONEMUS, City Clerk

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