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BILL NO. 2021-1

ORDINANCE NO. 6764

AN ORDINANCE TO AMEND THE 2018 INTERNATIONAL BUILDING CODE, AS ADOPTED BY THE CITY, TO AMEND SECTION 403.4.7 REGARDING SMOKE REMOVAL SYSTEMS TO PROVIDE FOR LOCALLY-APPROPRIATE ADJUSTMENTS AND EXCEPTIONS, AND TO PROVIDE FOR OTHER RELATED MATTERS.

Sponsored by: Councilwoman Michele Fiore

Summary: Amends the 2018 International Building Code, as adopted by the City, to amend Section 403.4.7 regarding smoke removal systems to provide for locally-appropriate adjustments and exceptions.

THE CITY COUNCIL OF THE CITY OF LAS VEGAS DOES HEREBY ORDAIN AS

FOLLOWS:

SECTION 1: The International Building Code, 2018 Edition, which was adopted by Ordinance No. 6633, is hereby amended as set forth in Section 2 of this Ordinance. Deleted material is shown by strikethrough and new material by underlining.

SECTION 2: Section 403.4.7 is amended to read as follows, leaving intact the subsections that follow Section 403.4.7 that were added by the Southern Nevada Amendments to the 2018 International Building Code:

403.4.7 Smoke Removal. To facilitate smoke removal in post-fire salvage and overhaul operations, buildings and structures shall be equipped with natural or mechanical ventilation for removal of products of combustion in accordance with ~~one of the following:~~

- ~~1. Easily identifiable, manually operable windows or panels shall be distributed around the perimeter of each floor at not more than 50-foot (15 240 mm) intervals. The area of operable windows or panels shall be not less than 40 square feet (3.7 m²) per 50 linear feet (15 240 mm) of perimeter.~~

Exceptions:

- ~~1. In Group R-1 occupancies, each sleeping unit or suite having an exterior wall shall be permitted to be provided with 2 square feet (0.19 m²) of venting area in lieu of the area specified in Item 1.~~

1 2. ~~Windows shall be permitted to be fixed provided that glazing can be cleared by fire~~
2 fighters.

3 2. ~~Mechanical air handling equipment providing one exhaust air change every 15 minutes for~~
4 the area involved. Return and exhaust air shall be moved directly to the outside without recirculation
5 to other portions of the building.

6 3. ~~Any other approved design that will produce equivalent results.~~

7 one of the items listed in Paragraphs 1 through 4 that follow the 3 Exceptions just below:

8 **Exceptions:**

9 1. Smoke removal is not required for building renovations where HVAC systems are not being
10 modified.

11 2. Smoke removal systems are not required for remodels and alterations within existing
12 buildings where the area being remodeled or altered is provided with a smoke control approach
13 consistent with the smoke control requirements of the existing building.

14 3. Where permitted by the fire code official, smoke removal systems are not required for minor
15 additions to existing buildings that are not already provided with smoke removal systems.

16 1. Easily identifiable, manually operable windows or panels shall be distributed around the perimeter
17 of each floor at not more than 50-foot (15 240 mm) intervals. The area of operable windows or panels shall
18 not be less than 40 square feet (3.7 m²) per 50 linear feet (15 240 mm) of perimeter.

19 **Exceptions:**

20 1. In Group R-1 occupancies, each sleeping unit or suite having an exterior wall shall be
21 permitted to be provided with 2 square feet (0.19 m²) of venting area in lieu of the area specified in
22 Item 1.

23 2. Where permitted by the fire code official, windows of tempered glass shall be permitted to
24 be fixed provided no coating or film is applied and that glazing can be cleared by firefighters.

25 3. Manually operable windows or panels are not required in Group R-1 and R-2 residential
26 units provided the residential units comply with the passive requirements of Section 909 and all

1 corridors between the residential units and the exit enclosures serving the residential units comply
2 with Section 403.4.7, Item 3.

3 2. Mechanical air-handling equipment providing one exhaust air change every 15 minutes for the area
4 involved. Return and exhaust air shall be moved directly to the outside without recirculation to other portions
5 of the building. The air volume shall be calculated based upon the volume of the space between the floor
6 and the floor or roof structure above. The exhaust air quantity shall be as measured at the exhaust fan.

7 Exception: Smoke removal is not required for normally unoccupied areas such as mechanical
8 equipment rooms, electrical rooms, storage rooms that do not exceed 500 square feet in area, elevator
9 equipment rooms, or similar areas as approved by the building official.

10 3. A smoke control system that provides a minimum of one exhaust air change every 15 minutes is
11 provided for the area involved upon manual activation of the smoke removal feature at the smoke control
12 graphics panel. The volume of air shall be calculated based upon the volume of the space between the floor
13 and the floor or roof structure above. The exhaust air quantity shall be as measured at the exhaust fan.

14 4. Any other approved design that will produce equivalent results where permitted by the Authority
15 Having Jurisdiction.

16 SECTION 3: If any section, subsection, subdivision, paragraph, sentence, clause or phrase
17 in this ordinance or any part thereof is for any reason held to be unconstitutional or invalid or ineffective by
18 any court of competent jurisdiction, such decision shall not affect the validity or effectiveness of the
19 remaining portions of this ordinance or any part thereof. The City Council of the City of Las Vegas hereby
20 declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase
21 thereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs,
22 sentences, clauses or phrases be declared unconstitutional, invalid or ineffective.

23 SECTION 4: Whenever in this ordinance any act is prohibited or is made or declared to
24 be unlawful or an offense or a misdemeanor, or whenever in this ordinance the doing of any act is required
25 or the failure to do any act is made or declared to be unlawful or an offense or a misdemeanor, the doing of
26 such prohibited act or the failure to do any such required act shall constitute a misdemeanor and upon

1 conviction thereof, shall be punished by a fine of not more than \$1,000.00 or by imprisonment for a term of
2 not more than six months, or by any combination of such fine and imprisonment. Any day of any violation
3 of this ordinance shall constitute a separate offense.


4 SECTION 5: All ordinances or parts of ordinances or sections, subsections, phrases,
5 sentences, clauses or paragraphs contained in the Municipal Code of the City of Las Vegas, Nevada, 1983
6 Edition, in conflict herewith are hereby repealed.

7 PASSED, ADOPTED and APPROVED this 3rd day of February, 2021.


8 APPROVED:

9
10 By 
CAROLYN G. GOODMAN, Mayor

11 ATTEST:

12 
13 LUANN D. HOLMES, MMC
City Clerk

14 APPROVED AS TO FORM:

15  12-22-20
16 Val Steed, Date
Deputy City Attorney

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1 The above and foregoing ordinance was first proposed and read by title to the City Council
2 on the 6th day of January, 2021, and referred to a committee for recommendation; hereafter
3 the committee reported favorably on said ordinance on the 3rd day of February, 2021,
4 which as a regular meeting of said Council; that at said regular meeting, the proposed
5 ordinance was read by title to the City Council and adopted by the following vote:

6 VOTING "AYE": Mayor Goodman and Councilmembers Fiore, Anthony, Crear,
Knudsen, Seaman and Diaz

7 VOTING "NAY": None

8 EXCUSED: None

9 ABSTAINED: None

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APPROVED:


CAROLYN G. GOODMAN, Mayor

ATTEST:


LUANN D. HOLMES, MMC City Clerk

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

RECEIVED
CITY CLERK

2021 JAN 26 P 12:35

LV CITY CLERK
495 S MAIN ST
LAS VEGAS NV 89101

Account # 22515
Ad Number 0001133525

Eileen Gallagher, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for, was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 01/21/2021 to 01/21/2021, on the following days:

01 / 21 / 21

BILL NO. 2021-1

AN ORDINANCE TO AMEND THE 2018 INTERNATIONAL BUILDING CODE, AS ADOPTED BY THE CITY, TO AMEND SECTION 403.4.7 REGARDING SMOKE REMOVAL SYSTEMS TO PROVIDE FOR LOCALLY-APPROPRIATE ADJUSTMENTS AND EXCEPTIONS, AND TO PROVIDE FOR OTHER RELATED MATTERS.

Sponsored by:
Councilwoman Michele Fiore

Summary: Amends the 2018 International Building Code, as adopted by the City, to amend Section 403.4.7 regarding smoke removal systems to provide for locally-appropriate adjustments and exceptions.

At the City Council meeting of
January 6, 2021

BILL NO. 2021-1 WAS READ BY
TITLE
AND REFERRED TO A
RECOMMENDING COMMITTEE

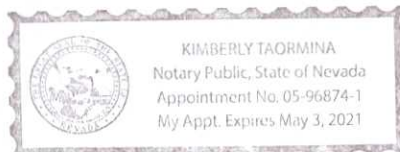
COPIES OF THE COMPLETE
ORDINANCE ARE AVAILABLE FOR
PUBLIC INFORMATION IN THE
OFFICE OF THE CITY CLERK, 2ND
FLOOR, 495 SOUTH MAIN
STREET, LAS VEGAS, NEVADA

PUB: Jan. 21, 2021
LV Review-Journal

ISI Eileen Gallagher
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 22nd day of January, 2021

Notary Kimberly Taormina



AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

RECEIVED
CITY CLERK

2021 FEB 16 P 12:13

LV CITY CLERK
495 S MAIN ST
LAS VEGAS NV 89101

Account # 22515
Ad Number 0001135637

Eileen Gallagher, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for, was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 02/06/2021 to 02/06/2021, on the following days:

02 / 06 / 21

**BILL NO. 2021-1
ORDINANCE NO. 6764**

AN ORDINANCE TO AMEND THE 2018 INTERNATIONAL BUILDING CODE, AS ADOPTED BY THE CITY, TO AMEND SECTION 403.4.7 REGARDING SMOKE REMOVAL SYSTEMS TO PROVIDE FOR LOCALLY-APPROPRIATE ADJUSTMENTS AND EXCEPTIONS, AND TO PROVIDE FOR OTHER RELATED MATTERS.

Sponsored by:
Councilwoman Michele Fiore

Summary: Amends the 2018 International Building Code, as adopted by the City, to amend Section 403.4.7 regarding smoke removal systems to provide for locally-appropriate adjustments and exceptions.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 6th day of January, 2021, and referred to a committee for recommendation; thereafter the committee reported favorably on said ordinance on the 3rd day of February, 2021, which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE": Mayor Goodman and Councilmembers Anthony, Fiore, Crear, Knudsen, Seaman and Diaz

VOTING "NAY": NONE

EXCUSED: NONE

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 2ND FLOOR, 495 SOUTH MAIN STREET, LAS VEGAS, NEVADA

PUB: Feb. 6, 2021
LV Review-Journal

ISI Eileen Gallagher
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 8th day of February, 2021

Notary Mary Lee

