

1 [Building, Fire Codes - Fire Alarm System Upgrade Requirements]

2 **Ordinance amending the Existing Building and Fire Codes to require buildings sold or**
3 **transferred after September 1, 2017, to comply with fire alarm system upgrade**
4 **requirements for sleeping areas, and to exempt mandatory seismic strengthening**
5 **alterations and transient Hotels from those requirements; affirming the Planning**
6 **Department's determination under the California Environmental Quality Act; making**
7 **findings under the California Health and Safety Code; and directing the Clerk of the**
8 **Board of Supervisors to forward this Ordinance to the California Building Standards**
9 **Commission upon final passage.**

10 NOTE: **Unchanged Code text and uncodified text** are in plain Arial font.
11 **Additions to Codes** are in *single-underline italics Times New Roman font*.
12 **Deletions to Codes** are in *strikethrough italics Times New Roman font*.
13 **Board amendment additions** are in double-underlined Arial font.
14 **Board amendment deletions** are in ~~strikethrough Arial font~~.
15 **Asterisks (* * * *)** indicate the omission of unchanged Code
16 subsections or parts of tables.

17 Be it ordained by the People of the City and County of San Francisco:

18 Section 1. General Findings.

19 (a) The Planning Department has determined that the actions contemplated in this
20 ordinance comply with the California Environmental Quality Act (California Public Resources
21 Code Sections 21000 et seq.). Said determination is on file with the Clerk of the Board of
22 Supervisors in File No. 170870 and is incorporated herein by reference. The Board affirms
23 this determination.

24 (b) On August 16, 2017, the Building Inspection Commission considered this
25 ordinance at a duly noticed public hearing pursuant to Charter Section D3.750-5.

1 Section 2. Findings under the California Health and Safety Code.

2 The Board of Supervisors hereby finds that the following local conditions apply to the
3 amendments to the Building and Fire Codes enacted by this ordinance:

4 (a) The City and County of San Francisco is unique among California communities
5 with respect to the possible causes and effects of fires, including fires in residential multi-unit
6 buildings. Among other things, San Francisco is located on an active seismic zone; certain
7 buildings in San Francisco are at an increased risk for earthquake-induced failure and
8 consequent fire because of local hazardous microzones, slide areas, and local liquefaction
9 hazards; enhanced fire, structural, and other protections are required due to high building
10 density and high occupancy in many buildings.

11 (b) San Francisco has narrow and crowded sidewalks due to building and population
12 density and unusual topography; and San Francisco has numerous high-rise buildings,
13 including residential buildings with large numbers of people living therein. For these reasons,
14 fires in San Francisco can be especially devastating, and the need for extra measures to
15 prepare for and cope with fires is especially pressing, particularly regarding people who live in
16 multi-unit residential buildings, and who may face fire dangers any day of the week and any
17 hour of the day or night.

18 (c) California Health and Safety Code Sections 17958 and 17958.5 allow the City to
19 make changes or modifications in the requirements contained in the provisions published by
20 the California Building Standards Commission, including the California Fire Code, when those
21 changes or modifications are reasonably necessary because of local climatic, geological, or
22 topographical conditions. California Health and Safety Code Section 17958.7 provides that
23 before making any such changes or modifications, the governing body must make express
24 findings that such changes or modifications are reasonably necessary because of the
25

1 specified local conditions, and those findings shall be filed with the California Building
2 Standards Commission.

3 (d) Pursuant to the applicable California Health and Safety Code sections, the Board
4 of Supervisors finds and determines that the conditions described above constitute a general
5 summary of the most significant local conditions giving rise to the need for variance from the
6 California Fire and Building Codes and any other applicable provisions published by the
7 California Building Standards Commission. Further, the Board of Supervisors finds and
8 determines that the proposed variances are reasonably necessary based on these local
9 conditions, and that these conditions justify more restrictive standards applicable to residential
10 buildings in San Francisco.

11
12 Section 3. The Existing Building Code is hereby amended by revising Section 401.8, to
13 read as follows:

14 401.8 **Fire alarm systems.** For all buildings that are required to have a fire alarm
15 system under this Code, the Fire Code, the Housing Code, or any other law, the building
16 owner shall upgrade the fire alarm system, if necessary, to comply with the sound level
17 requirement ~~(or for~~ sleeping areas set forth in Section 18.4.5.1 of NFPA 72 (2013 edition), as
18 amended from time to time, upon either (a) completion of work under a building permit with a
19 cost of construction of \$50,000 or more, ~~or~~ (b) July 1, 2021, or (c) for buildings sold or
20 transferred after September 1, 2017, twelve months after the sale of the property, whichever occurs
21 first.

22 **Exception.** This requirement shall not apply to mandatory seismic strengthening alterations
23 being performed pursuant to Chapter 4D of this Code, or to transient Hotels within the Residential
24 Group R-1 Occupancy Classification of Section 310.3 of the Building Code.

1 Section 4. The Fire Code is hereby amended by revising Section 1103.7.6.1, to read
2 as follows:

3 1103.7.6.1. **[For SF] Sleeping Area Requirements.**

4 For all buildings that are required to have a fire alarm system under this Code, the
5 Building Code, the Housing Code, or any other law, the building owner shall upgrade the fire
6 alarm system, if necessary, to comply with the sound level requirement for sleeping areas set
7 forth in Section 18.4.5.1 of NFPA 72 (2013 edition), as amended from time to time, upon
8 either (a) completion of work under a building permit with a cost of construction of \$50,000 or
9 more, ~~or~~ (b) July 1, 2021, or (c) for buildings sold or transferred after September 1, 2017, twelve
10 months after the sale of the property, whichever occurs first.

11 **Exception.** This requirement shall not apply to mandatory seismic strengthening alterations
12 being performed pursuant to Chapter 4D of the Existing Building Code, or to transient Hotels within
13 the Residential Group R-1 Occupancy Classification of Section 310.3 of the Building Code.

14
15 Section 5. Effective Date. This ordinance shall become effective 30 days after
16 enactment. Enactment occurs when the Mayor signs the ordinance, the Mayor returns the
17 ordinance unsigned or does not sign the ordinance within ten days of receiving it, or the Board
18 of Supervisors overrides the Mayor's veto of the ordinance.

19
20 Section 6. Scope of Ordinance. In enacting this ordinance, the Board of Supervisors
21 intends to amend only those words, phrases, paragraphs, subsections, sections, articles,
22 numbers, punctuation marks, charts, diagrams, or any other constituent parts of the Municipal
23 Code that are explicitly shown in this ordinance as additions, deletions, Board amendment
24 additions, and Board amendment deletions in accordance with the "Note" that appears under
25 the official title of the ordinance.

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Section 7. Undertaking for the General Welfare. In enacting and implementing this ordinance, the City is assuming an undertaking only to promote the general welfare. It is not assuming, nor is it imposing on its officers and employees, an obligation for breach of which it is liable in money damages to any person who claims that such breach proximately caused injury.

Section 8. Directions to Clerk. The Clerk of the Board of Supervisors is hereby directed to forward a copy of this ordinance to the California Building Standards Commission upon final passage as required by State law.

APPROVED AS TO FORM:
DENNIS J. HERRERA, City Attorney

By: _____
NEHA GUPTA
Deputy City Attorney
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