

BOARD of SUPERVISORS



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September 21, 2022

**File No. 220944**

Lisa Gibson  
Environmental Review Officer  
Planning Department  
49 South Van Ness Avenue, Suite 1400  
San Francisco, CA 94103

Dear Ms. Gibson:

On September 13, 2022, Building Inspection Commission introduced the following proposed legislation:

**File No. 220944**

**Ordinance repealing the 2019 Electrical Code in its entirety and enacting a 2022 Electrical Code consisting of the 2022 California Electrical Code, as amended by San Francisco; adopting environmental findings and findings of local conditions under the California Health and Safety Code; providing an operative date of January 1, 2023; and directing the Clerk of the Board of Supervisors to forward the Ordinance to the California Building Standards Commission, as required by State law.**

This legislation is being transmitted to you for environmental review.

Angela Calvillo, Clerk of the Board

A handwritten signature in cursive script, appearing to read "Erica Major".

By: Erica Major, Assistant Clerk  
Land Use and Transportation Committee

Attachment

c: Joy Navarrete, Environmental Planning  
Don Lewis, Environmental Planning

1 [Electrical Code - Repeal of Existing 2019 Code and Enactment of 2022 Code]

2  
3 **Ordinance repealing the 2019 Electrical Code in its entirety and enacting a 2022**  
4 **Electrical Code consisting of the 2022 California Electrical Code as amended by San**  
5 **Francisco; adopting environmental findings and findings of local conditions under the**  
6 **California Health and Safety Code; providing an operative date of January 1, 2023; and**  
7 **directing the Clerk of the Board of Supervisors to forward the Ordinance to the**  
8 **California Building Standards Commission, as required by State law.**

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

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

17 Section 1. Environmental Findings. The Planning Department has determined that the  
18 actions contemplated in this ordinance comply with the California Environmental Quality Act  
19 (California Public Resources Code Sections 21000 et seq.). Said determination is on file with  
20 the Clerk of the Board of Supervisors in File No. \_\_\_\_\_ and is incorporated herein by  
21 reference. The Board affirms this determination.

22 Section 2. General Findings.

23 (a) The California Building Standards Code is contained in Title 24 of the California  
24 Code of Regulations. It consists of 12 Parts, which are based upon model codes that are  
25 amended by the State agencies with jurisdiction over the subject matter. The California  
Electrical Code is Part 3 of Title 24 of the California Code of Regulations.

1 (b) The State of California adopts a new California Building Standards Code every  
2 three years (“triennial CBSC”) with supplemental amendments published in intervening years.  
3 The triennial CBSC goes into effect throughout the State of California 180 days after its  
4 publication by the California Building Standards Commission or at a later date established by  
5 the Commission. The 2022 triennial CBSC will go into effect on January 1, 2023.

6 (c) Local jurisdictions must enforce the California Building Standards Code but they  
7 may also enact more restrictive building standards that are reasonably necessary because of  
8 local climate, geologic, or topographical conditions. Local amendments may be made both to  
9 a triennial CBSC and to its individual Parts during the intervening years; however, local  
10 amendments previously adopted are not automatically applicable to a triennial CBSC. Rather,  
11 they must be re-enacted with the required findings of local climate, geologic, or topographical  
12 conditions, expressly made applicable to the new triennial CBSC, and with an operative date  
13 no earlier than the effective date of the triennial CBSC.

14 (d) As in past triennial CBSC adoption cycles, by this ordinance the Board of  
15 Supervisors repeals the 2019 San Francisco Electrical Code in its entirety, enacts the 2022  
16 San Francisco Electrical Code, and re-enacts the existing local amendments to make them  
17 applicable to the 2022 California Electrical Code.

18 (e) Pursuant to Charter Section D3.750-5, the Building Inspection Commission  
19 considered and approved San Francisco’s amendments to the 2022 California Electrical Code  
20 at a duly noticed public hearing that was held on August 17, 2022.

21  
22 Section 3. Findings Regarding Local Conditions.

23 (a) California Health and Safety Code Sections 17958.7 and 18941.5 provide that  
24 before making any changes or modifications to the California Electrical Code and any other  
25 applicable provisions published by the California Building Standards Commission, the local

1 governing body must make an express finding that each such change or modification is  
2 reasonably necessary because of specified local conditions. The local amendments together  
3 with the required findings must be filed with the California Building Standards Commission  
4 before the local changes or modifications can go into effect.

5 (b) The City and County of San Francisco is unique among California communities  
6 with respect to local climate, geologic, topographical, and other conditions. A specific list of  
7 findings that support San Francisco's modifications to the 2022 California Electrical Code, with  
8 a section-by-section correlation of each modification with a specific numbered finding, are  
9 contained in Exhibit A entitled "Standard Findings for San Francisco Building Standards Code  
10 Amendments."

11 (c) Pursuant to California Health and Safety Code Sections 17958.7 and 18941.5,  
12 the Board of Supervisors finds and determines that the local conditions described in Exhibit A  
13 constitute a general summary of the most significant local conditions giving rise to the need  
14 for modification of the 2022 California Electrical Code provisions published by the California  
15 Building Standards Commission. The Board of Supervisors further finds and determines that  
16 the proposed modifications are reasonably necessary based upon the local conditions set  
17 forth in Exhibit A.

18  
19 Section 4. Repeal of the 2019 San Francisco Electrical Code and Enactment of the  
20 2022 San Francisco Electrical Code.

21 (a) The 2019 San Francisco Electrical Code is hereby repealed in its entirety. The  
22 San Francisco Electrical Code being repealed was enacted on November 21, 2019, by  
23 Ordinance No. 266-19, with an operative date of January 1, 2020. The ordinance is available  
24 on the Board of Supervisors' website and in the Office of the Clerk of the Board of  
25 Supervisors.

1 (b) The 2022 San Francisco Electrical Code is hereby enacted. It consists of the  
2 2022 California Electrical Code and San Francisco’s existing local amendments, which are re-  
3 enacted and expressly made applicable to the 2022 California Electrical Code. Copies of the  
4 2022 California Electrical Code and the stand-alone San Francisco amendments are declared  
5 to be part of Board File No. \_\_\_\_\_ and are incorporated into this ordinance by reference  
6 as though fully set forth. Existing San Francisco amendments that are being made applicable  
7 to the 2022 California Electrical Code are shown in unformatted (“plain”) text and may include  
8 bold and/or italicized type; new San Francisco amendments are underlined; and deleted San  
9 Francisco amendments are in strikeout text.

10  
11 Section 5. Continuance of Actions Under Prior Code. Nothing contained in this  
12 ordinance shall be construed as abating any action now pending under or by virtue of any  
13 ordinance of the City and County of San Francisco hereby repealed, nor shall this ordinance  
14 be construed as discontinuing, abating, modifying or altering any penalties accruing, or to  
15 accrue, or as waiving any right of the City under any such ordinance.

16  
17 Section 6. Severability. If any section, subsection, sentence, clause, or phrase of this  
18 ordinance is, for any reason, held to be invalid, such decision shall not affect the validity of the  
19 remaining portions of this ordinance. The Board of Supervisors hereby declares that it would  
20 have passed this ordinance, and each section, subsection, sentence, clause, or phrase of this  
21 ordinance, irrespective of the fact that any one or more sections, subsections, sentences,  
22 clauses, or phrases be declared invalid.

23  
24 Section 7. Effective and Operative Dates. This ordinance shall become effective 30  
25 days after enactment. Enactment occurs when the Mayor signs the ordinance, the Mayor

1 returns the ordinance unsigned or does not sign the ordinance within ten days of receiving it,  
2 or the Board of Supervisors overrides the Mayor’s veto of the ordinance. This ordinance shall  
3 take effect and be in full force on and after either January 1, 2023 or its effective date if the  
4 effective date is later.

5  
6 Section 8. Directions to Clerk. Upon enactment of this ordinance, the Clerk of the  
7 Board of Supervisors is hereby directed to transmit to the California Building Standards  
8 Commission pursuant to the applicable provisions of State law 1) this ordinance, 2) the Exhibit  
9 A attachment, and 3) the San Francisco amendments to the 2022 California Electrical Code.

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11 APPROVED AS TO FORM:  
12 DAVID CHIU, City Attorney

13 By: /s/ Robb Kapla  
14 ROBB KAPLA  
Deputy City Attorney

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## **LEGISLATIVE DIGEST**

[Electrical Code - Repeal of Existing 2019 Code and Enactment of 2022 Code]

**Ordinance repealing the 2019 Electrical Code in its entirety and enacting a 2022 Electrical Code consisting of the 2022 California Electrical Code as amended by San Francisco; adopting environmental findings and findings of local conditions under the California Health and Safety Code; providing an operative date of January 1, 2023; and directing the Clerk of the Board of Supervisors to forward the Ordinance to the California Building Standards Commission, as required by State law.**

### **Existing Law**

The Electrical Code regulates equipment, wiring, and systems of electrical installations. The existing San Francisco Electrical Code consists of the 2019 California Electrical Code (which incorporates the 2018 National Electrical Code as amended by California) and San Francisco's local amendments to the California Electrical code.

### **Amendments to Current Law**

Every three years the State of California adopts a new California Building Standards Code ("triennial CBSC"), which amends the California Electrical Code and the other state codes that constitute the CBSC. The 2022 triennial CBSC will go into effect throughout the State on January 1, 2023. As in past triennial CBSC adoption cycles, San Francisco will repeal its existing Electrical Code in its entirety and adopt a new Electrical Code that applies San Francisco's existing local amendments to the new California Electrical Code. Except for non-substantive or technical modifications required by amendments to the state code, there are no new changes to the San Francisco Electrical Code amendments.

### **Background Information**

Local jurisdictions are required to enforce the California Building Standards Code but they may also enact more restrictive building standards that are reasonably necessary because of local climate, geology, or topography. Local amendments may be made to a triennial CBSC and also throughout the intervening years. However, local amendments previously adopted are not automatically transferred to a new triennial CBSC. Rather, they must be re-enacted with the required findings of local climate, geologic, or topographical conditions, expressly made applicable to the new triennial CBSC, and with an operative date no earlier than the effective date of the new State Code.