

An ordinance amending Title 29 - Mechanical Code of the Los Angeles County Code, by adopting portions of the 2016 California Mechanical Code, by reference, with certain changes and modifications, and making other revisions thereto.

The Board of Supervisors of the County of Los Angeles ordains as follows:

**SECTION 1.** Sections 1.2.0 through 1.14.0 of Chapter 1, Division I, Chapters 2 through 17, and Appendices B, C, and D, which incorporate by reference and modify portions of the 2013 California Mechanical Code, are hereby repealed.

**SECTION 2.** Section 100 is hereby amended to read as follows:

**100 -- ADOPTION BY REFERENCE.**

Except as hereinafter changed or modified, Sections 1.2.0 through 1.14.0 of Chapter 1, Division I of that certain Mechanical Code known and designated as the ~~2013~~2016 California Mechanical Code as published by the California Building Standards Commission are adopted by reference and incorporated into this Title 29 of the Los Angeles County Code as if fully set forth below, and shall be known as Sections 119.1.2.0 through 119.1.14.0, respectively, of Chapter 1 of Title 29 of the Los Angeles County Code.

Except as hereinafter changed or modified, Chapters 2 through 17, and Appendices B, C, and D of that certain Mechanical Code known and designated as the ~~2013~~2016 California Mechanical Code as published by the California Building Standards Commission are adopted by reference and incorporated into this Title 29 of the Los Angeles County Code as if fully set forth below, and shall be known as

Chapters 2 through 17 and Appendices B, C, and D of Title 29 of the Los Angeles County Code.

A copy of the ~~2013~~2016 California Mechanical Code shall be at all times maintained by the Chief Mechanical Inspector for use and examination by the public.

**SECTION 3.** Section 107 is hereby amended to read as follows:

**107 -- ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION AND MODIFICATIONS.**

~~107.1~~ ~~Alternate Materials and Methods of Construction.~~

~~107.1.1~~ ~~Purpose and Intent.~~ Nothing in this Code is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this Code. Technical documentation shall be submitted to the Authority Having Jurisdiction to demonstrate equivalency. The Authority Having Jurisdiction shall have the authority to approve or disapprove the system, method, or device for the intended purpose.

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**107.1.2 Application.**

In compliance with Section 302.2 of this Code regarding the use of an alternate material or method of construction or modification, an Application for approval of an alternate material or method of construction shall be submitted in writing to the Chief Mechanical Inspector together with a filing fee of \$231.00. When actual staff review exceeds two hours, an additional fee of \$115.50 per hour shall be charged for each

hour or fraction thereof in excess of two hours.

~~107.1.3~~ ~~Testing.~~ The Authority Having Jurisdiction may require any applicant to perform testing, in support of its application, in accordance with the following:

Tests shall be made in accordance with approved testing standards by an approved testing agency at the expense of the applicant. In the absence of such standards, the Authority Having Jurisdiction shall have the authority to specify the test procedure.

The Authority Having Jurisdiction may require tests to be made or repeated if, at any time, the Authority Having Jurisdiction has reason to believe that any previously approved alternate material or device no longer conforms to the requirements on which its approval was based.

~~107.2~~ ~~Modifications.~~ Whenever there are practical difficulties involved in carrying out the provisions of this Code, the Authority Having Jurisdiction may grant minor modifications on a case by case basis, provided the Authority Having Jurisdiction shall first find that a special individual reason makes the strict letter of this Code impractical and that the modification is in reasonable conformity with the spirit and purpose of this Code and that such modification does not lessen any health, fire protection, or other life safety related requirements. The details of any action granting modifications shall be recorded and entered in the files of the Authority Having Jurisdiction.

**SECTION 4.** Section 204.0 is hereby amended to read as follows:

**204.0**                      **- B -**

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**Building Code** – The building code that is adopted by this jurisdiction. ~~[HCD1, HCD 2, OSHPD 1,2,3,& 4, and SFM]~~ "Building Code" shall mean the California Building Code, Title 24, Part 2 most recent edition of Title 26 of the Los Angeles County Code.

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**SECTION 5.**              Section 207.0 is hereby amended to read as follows:

**207.0**                      **- E -**

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**Electrical Code** – The National Electrical Code promulgated by the National Fire Protection Association, as adopted by this jurisdiction. ~~[HCD 1 & HCD 2]~~ Whenever the term "Electrical Code" is used in this code, it shall mean the California Electrical Code, Title 24, Part 3 most recent edition of Title 27 of the Los Angeles County Code.

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**SECTION 6.**              Section 218.0 is hereby amended to read as follows:

**218.0**                      **- P -**

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**Plumbing Code** – The Uniform Plumbing Code promulgated by the International Association of Plumbing and Mechanical Officials, as adopted by this jurisdiction. ~~[HCD 1 & HCD 2]~~ Whenever the term "Plumbing Code" is used in this code, it shall mean the California Plumbing Code, Title 24, Part 5 most recent edition of Title 28 of the Los Angeles County Code.

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**SECTION 7.** Section 302.2 is hereby amended to read as follows:

**302.2 ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION AND MODIFICATIONS EQUIVALENCY.**

**302.2.1 Alternate materials and methods of construction.**

Nothing in this eCode is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this eCode. Technical documentation shall be submitted to the Authority Having Jurisdiction to demonstrate equivalency. The Authority Having Jurisdiction shall have the authority to approve or disapprove the system, method, or device for the intended purpose on a case by case basis. Applications for approval of an alternate material or method of construction shall be in accordance with Section 107.

**302.2.1.1 Testing.**

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**302.2.1.1.1 Tests.**

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**302.2.1.2.1.2 Requests by the Authority Having Jurisdiction.**

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**302.2.2 Modifications.**

Whenever there are practical difficulties involved in carrying out the provisions of this Code, the Authority Having Jurisdiction shall have the authority to grant

modifications on a case by case basis, upon application of the owner or the owner's authorized agent, provided the Authority Having Jurisdiction shall first find that a special individual reason makes the strict letter of this Code impractical and that the modification is in conformity with the spirit and purpose of this Code and that such modification does not lessen any health, fire-protection, or other life-safety related requirements. The details of any action granting modifications shall be recorded and entered in the files of the Authority Having Jurisdiction. Application for approval of a modification shall be in accordance with Section 107.

**SECTION 8.** Section 501.1 is hereby amended to read as follows:

**501.1 Applicability.** This eChapter includes requirements for environmental air ducts, product conveying systems, and commercial hoods and kitchen ventilation. Part I addresses environmental air ducts and product conveying systems. Part II addresses commercial hoods and kitchen ventilation. Ventilation systems installed to control occupational health hazards shall comply with the requirements of the Health Officer.

**SECTION 9.** Section 510.1.6 is hereby amended to read as follows:

**510.1.6 Bracing and Supports.**

Duct bracing and supports shall be of noncombustible material, securely attached to the structure, not less than the gauge required for grease duct construction, and designed to carry gravity and lateral loads within the stress limitations of the eBuilding eCode. Bolts, screws, rivets, and other mechanical fasteners shall not penetrate duct walls.

**SECTION 10.** Section 603.3.1 is hereby amended to read as follows:

**603.3.1 Rectangular Ducts.**

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Supports for rectangular ducts shall be installed on two opposite sides of each duct and shall be welded, riveted, bolted, or metal screwed to each side of the duct at intervals specified.

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**SECTION 11.** Section 1114.4 is hereby added to Section 1114.0 to read as follows:

**1114.4 Approvals Required.**

The method of discharge of systems containing other than group A1 refrigerants shall comply with the pertinent requirements of Title 32 - Fire Code and Division 2 of Title 20 - Sanitary Sewer and Industrial Waste of the Los Angeles County Code. Where applicable, Section 1120 may be used with prior approval of the Authority Having Jurisdiction.