ANALYSIS

This ordinance repeals those provisions of Title 29 - Mechanical Code of the Los Angeles County Code, which had incorporated portions of the 2007 Edition of the California Mechanical Code by reference and replaces them with provisions incorporating portions of the 2010 California Mechanical Code, published by the California Building Standards Commission, with certain changes and modifications. Unless deleted or modified herein, the previously enacted provisions of Title 29 continue in effect.

State law requires that the County's Mechanical Code contain the same requirements as are contained in the building standards published in the most recent edition of the California Mechanical Code. State law allows the County to change or modify these requirements only if it determines that such changes or modifications are reasonably necessary because of local climatic, geological, or topographical conditions. The changes and modifications to the requirements contained in the building standards published in the 2010 California Mechanical Code, which are contained in this ordinance, are based upon express findings, contained in the ordinance, that such changes are reasonably necessary due to local climatic, geological, or topographical conditions.

This ordinance also makes certain modifications to the administrative provisions of Title 29.

ANDREA SHERIDAN ORDIN
County Counsel

By
MARK T. YANAI
Principal Deputy County Counsel
Property Division

MTY:vn

07/08/10 (Requested)

10/05/10 (Revised)

HOA.716090.5

ORDINANCE NO. _____

An ordinance amending Title 29 - Mechanical Code of the Los Angeles County Code, by adopting portions of the 2010 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. Section 120 through 132 of Chapter 1, Chapters 2 through 17, and Appendices A, B, C, and D, which incorporate by reference and modify portions of the 2007 California Mechanical Code, are hereby repealed.

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

100 -- ~~CMC~~ADOPTION BY REFERENCE

Except as hereinafter changed or modified, Sections ~~102~~1.2 through ~~114~~1.14 of Chapter 1, Division I of that certain Mechanical Code known and designated as the ~~2007~~2010 California Mechanical Code ~~(CMC)~~ 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 ~~120~~119.1.2 through ~~132~~119.1.14, 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 ~~A,~~ B, C, and D of that certain Mechanical Code known and designated as the ~~2007~~2010 California Mechanical Code ~~(CMC)~~ 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 ~~A,~~ B, C, and D of Title 29 of the Los Angeles County Code.

A copy of the 2010 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

~~The provisions of this Code are not intended to prevent the use of any materials or methods of construction not specifically prescribed by this Code, provided any such alternate has been approved.~~

~~The Chief Mechanical Inspector may approve any such alternate provided he finds that the proposed design is satisfactory and complies with the provisions of this Code, and that the material, method, or work offered is, for the purpose intended, at least the equivalent of that prescribed in this Code in quality, strength, effectiveness, fire resistance, durability, and safety.~~

~~The Chief Mechanical Inspector shall require that sufficient evidence or proof be submitted to substantiate any claims that may be made regarding its use.~~

107.1 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.

However, the exercise of this discretionary approval by the Authority Having Jurisdiction shall have no effect beyond the jurisdictional boundaries of said Authority Having Jurisdiction. Any alternate material or method of construction so approved shall not be considered as conforming to the requirement and/or intent of this Code for any purpose other than that granted by the Authority Having Jurisdiction.

107.2 Application. Application for ~~use~~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 $210.20. When actual staff review exceeds two hours, an additional fee of $105.10 per hour shall be charged for each hour or fraction thereof in excess of two hours.

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

107.3.1 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.

107.3.2 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.

SECTION 4. Section 109 is hereby amended to read as follows:

109 -- BOARD OF APPEALS

In order to ~~determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of the provisions of this Code~~hear and decide appeals of orders, decisions, or determinations made by the Authority Having Jurisdiction relative to the application and interpretations of this Code, the Board of Examiners of Plumbers provided for in Section 105.3 of Title 28 of the Los Angeles County Code, known as the Plumbing Code, shall act as a Board of Appeals. The Board shall adopt reasonable rules and regulations for conducting its investigations, which may be separate and distinct from, or may be a part of, the rules and regulations, if any, of the Board of Examiners of Plumbers. The Board shall render all decisions and findings in writing.

. . .

SECTION 5. Section 111.2 is hereby amended to read as follows:

111.2 Permits Application.

. . .

Applications for permits for which no permit is issued within one year following the date of application shall expire by limitation. Plans and specifications previously

submitted may thereafter be returned to the applicant or destroyed by the Chief Mechanical Inspector. The Chief Mechanical Inspector may ~~extend the time for action by the applicant for a period not exceeding~~grant up to two extensions of up to 180 days per extension beyond the initial one-year limit upon written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken and upon the payment of an extension fee ~~equal to~~in an amount determined by the Chief Mechanical Inspector, not to exceed 25 percent of the plan check fee. ~~No permit application shall be extended more than once.~~

. . .

SECTION 6. Section 204.0 is hereby amended to read as follows:

204.0 **– B –**

. . .

BUILDING CODE – The ~~building code that is adopted by this jurisdiction. [HCD1, HCD 2, 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.

. . .

SECTION 7. Section 207.0 is hereby amended to read as follows:

207.0 **– E –**

. . .

ELECTRICAL CODE – The ~~National Electrial Code promulgated by the National Fire Protection Association, as adopted by this jurisdiction. [HCD 1 and 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.

. . .

SECTION 8. Section 218.0 is hereby amended to read as follows:

218.0 **– P –**

. . .

PLUMBING CODE – The ~~Uniform Plumbing Coide promulgated by the International Association of Plumbing and Mechanical Officials, as adopted by this jurisdiction. [HCD 1 and 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.

. . .

SECTION 9. Section 501.0 is hereby amended to read as follows:

501.0 **Scope.**

This ~~c~~Chapter includes requirements for environmental air ducts, product conveying systems, and commercial hoods and kitchen ventilation. Ventilation systems installed to control occupational health hazards shall comply with the requirements of the Health Officer.

SECTION 10. Section 508.4.1.5 is hereby amended to read as follows:

508.4.1.5 Type I hoods where the cooking equipment includes low-temperature appliances such as medium-to-low temperature ranges, roasters, roasting

ovens, pastry ovens, pizza ovens, and equipment approved for use under a Type II hood~~, such as pizza ovens~~:

. . .

SECTION 11. Section 510.1.7 is hereby amended to read as follows:

510.1.7 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 Building Code. Bolts, screws, rivets, and other mechanical fasteners shall not penetrate duct walls.

SECTION 12. Section 604.2 is hereby amended to read as follows:

604.2 **Metal Ducts.**

. . .

Supports for rectangular ducts as set forth in the ANSI/SMACNA 006-2006 HVAC Duct Construction Standards – Metal and Flexible or another approved duct construction standard, when suspended from above, 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 not more than the intervals specified.

. . .

SECTION 13. Section 1119.4 is hereby added to Section 1119.0 to read as follows:

1119.4. 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 Authority Having Jurisdiction.

SECTION 14. The provisions of this ordinance contain various changes, modifications, and additions to the 2010 Edition of the California Mechanical Code. Some of these changes are administrative in nature in that they do not constitute changes or modifications to requirements contained in the building standards published in the California Building Standards Code.

Pursuant to California Health and Safety Code sections 17958.5, 17958.7, and 18941.5, the Board of Supervisors hereby expressly finds that all of the changes and modifications to requirements contained in the building standards published in the California Building Standards Code, contained in this ordinance, which are not administrative in nature, are reasonably necessary because of local climatic, geological, or topographical conditions in the County of Los Angeles as more particularly described in the table set forth below.

TABLE

MECHANICAL CODE AMENDMENTS		
CODE SECTION	**CONDITION**	**EXPLANATION**
501	Climatic	Additional Health Department requirements are necessary due to local air quality concerns.
510.1.7	Geological	To reduce damage during a seismic event.
604.2	Geological	To reduce damage during a seismic event.
1119.4	Geological	To reduce the potential for release of toxic refrigerant caused by shifting equipment during a seismic event.

SECTION 15. This ordinance shall become operative on January 1, 2011.

[TITLE29MYCC]