

Draft



CITY of LOS ANGELES
DEPARTMENT of
BUILDING and SAFETY

Andrew A. Adelman, P.E.
General Manager

Draft

Los Angeles Mechanical Code 2008

California Mechanical Code 2007

Uniform Mechanical Code 2006

Major Code Changes

Los Angeles Mechanical Code

Chapter 2 Definitions

Draft

- New definitions have been added.

Draft

Los Angeles Mechanical Code Chapter 4 Ventilation Air Supply

- ❑ Major changes, in the Mechanical Code Chapter 4, which regulates natural and mechanical ventilation in buildings. Such requirements before were regulated by the Building Code.
- ❑ New tables have been added for calculating minimum ventilation and exhaust rates based on occupancy category and ASHRAE standard 62 (Tables 4-1 thru 4-4).

Draft

Los Angeles Mechanical Code Chapter 5 Exhaust Systems

- ❑ This chapter deals with requirements for environmental air ducts, product conveying ventilation, and commercial hoods and kitchen ventilation.
- ❑ NFPA – 96 Language was incorporated into the body of Chapter 5.
- ❑ Section 507.2.3 Allows listed factory built grease duct enclosures to be installed as per code.
- ❑ Section 510.7.2.1-2 States that for grease ducts, a one (1) hour enclosure is required in buildings less than 4 stories, and two (2) hour enclosure is required in buildings 4 stories or more.

Exception: Type I buildings.

Draft

Los Angeles Mechanical Code Chapter 7 Combustion Air

- ❑ Combustion Air Table (7-1) removed in the new code, and the methods of calculating combustion air have been modified.
- ❑ Sources of combustion air per NFPA 54.

Draft

Los Angeles Mechanical Code

Chapter 8 Chimney and Vents

Chapter 9 Installation of Specific Equipment

- ❑ Section 802.6.4 Allows appliance vents to enter into a common venting system at different floor levels, where in previous codes, this was not allowed.
- ❑ Chapter 9 covers warm air heating systems, vented decorative appliances, floor furnaces, vented wall furnaces, unit heaters, appliances in attics, clothes dryers, industrial heaters, food equipment, outdoor cooking appliances, unlisted units, kiln, and unvented room heaters.
- ❑ Some sections from chapter 9 have been deleted and replaced with new language, figures and tables that have been extracted from NFPA 54.

Los Angeles Mechanical Code
Chapter 10 Steam and Hot Water Boilers
Chapter 12 Hydronics
Chapter 14 Process Piping

Draft

- ❑ Chapter 10 adopted by reference.
- ❑ Chapter 12 has been adopted.
- ❑ Chapter 14 is now adopted by reference.

Draft

Los Angeles Mechanical Code Chapter 15 Solar Systems

- ❑ Not adopted in previous codes by LA City, this chapter is now adopted by reference. The Uniform Solar Energy Code is adopted as Chapter 15.
- ❑ Energy Conservation, Green Buildings

Los Angeles Mechanical Code
Chapter 16 Stationary Fuel Cell Power Plants
Chapter 17 Standards

Draft

- ❑ Chapter 16 is now adopted by reference. Mechanical and Electrical Test Labs deal with fuel cell issues.
- ❑ The fuel cells shall be in accordance ANSI Z21.83 and NFPA 853.
- ❑ Standards have been expanded in Chapter 17 from 163 headings in the old code to 876 headings in the new code (key words VS standard number & title).

Draft

Smoke Evacuation
Chapters 4,7 and 9, LABC
Section 609 LAMC

- Coordination among Building, Electrical, Fire, Plumbing and Mechanical Codes.