

CHAPTER 1 - ADMINISTRATION

PART I - GENERAL

101.0 TITLE.

This article is a portion of the Los Angeles Municipal Code and shall be know as the Los Angeles Mechanical Code. Whenever the word “Code” is used in this article, it shall mean the Los Angeles Mechanical Code unless it is apparent from the context that another code is intended and applicable.

Section number references are to the Los Angeles Municipal Code unless otherwise indicated.

102.0 PURPOSE.

The purpose of this Code is to safeguard life, health, property and public welfare by regulating the design, construction, installation, alteration, repair, quality of materials, location, operation and maintenance of heating, ventilating, air-conditioning and refrigeration equipment and other miscellaneous heat-producing appliances installed in the City. The provisions of this Code are not intended to apply to equipment installed on railroad cars, motor vehicles, aircraft or on shipboard that are not used as permanent occupancies for longer than six months.

For other requirements concerning the installation of ventilating equipment, see Article 7, Chapter V of the Los Angeles Municipal Code (Fire Code); Article 3, Chapter IX of the Los Angeles Municipal Code (Electrical Code); Article 1, Chapter IX of the Los Angeles Municipal Code (Building Code); and the Los Angeles County Public Health Code.

The provisions of Chapters 2 through 17; Appendix Chapter 1, and Appendices A and D of the California Mechanical Code, 2007 edition, prepared by the International Association of Plumbing and Mechanical Officials and amended by the California Building Standards Commission, are adopted by reference as part of the Los Angeles Municipal Code with amendments in the form of exceptions, modifications, deletions, supplements and additions which have been added to Article 5, Chapter IX of the Los Angeles Municipal Code. Chapter references are to chapters of the California Mechanical Code. The abbreviation “C.M.C.” shall mean and refer to the 2007 edition of the California Mechanical Code. References to “LAMC” shall mean the Los Angeles Municipal Code.

Except as specified in this division, all heating, air-conditioning, ventilation, refrigeration and miscellaneous heat-producing appliance installations and materials shall be in conformity with the California Mechanical Code as adopted by reference.

103.0 SCOPE.

Section 103.0 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

104.0 APPLICATION TO EXISTING MECHANICAL SYSTEMS.

104.1. ADDITIONS, ALTERATIONS OR REPAIRS. Section 104.1 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

104.2. EXISTING INSTALLATIONS. Section 104.2 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

104.3. CHANGES IN BUILDING OCCUPANCY. Section 104.3 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

104.4. MAINTENANCE. Section 104.4 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

104.5. MOVED BUILDINGS. Apartment houses and dwellings moved into or within the City and all other buildings moved within the City, may retain the existing heating, ventilating, air-conditioning and refrigeration

equipment and other miscellaneous heat-producing appliances, provided the building does not become or continue to be a substandard residential building or a residential building subject to repair. However, existing mechanical equipment, including vents, which is not in good and safe condition and not working properly shall be corrected.

Existing heating, ventilating, air-conditioning and refrigeration equipment and other miscellaneous heat-producing appliances in any building, other than an apartment house or dwelling, moved from outside the City to inside the City shall comply with all the requirements of this Code.

New heating, ventilating, air-conditioning and refrigeration equipment and miscellaneous heat-producing appliances which are installed in any building relocated into or within the City shall conform to the provisions of this Code.

105.0 ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION.

New or alternate materials and methods of construction may be approved by the Department in accordance with the provisions of Article 8, Chapter IX of the Los Angeles Municipal Code.

106.0 MODIFICATIONS.

Appeals or requests for slight modifications in individual cases from the requirements of this Code shall be made in accordance with the procedure established in Sections 98.0403.1 and 98.0403.2 of the Los Angeles Municipal Code.

107.0 TESTS.

Section 107.0 through 107.2 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

PART II - ORGANIZATION AND ENFORCEMENT

108.0 POWERS AND DUTIES OF THE DEPARTMENT.

108.1. GENERAL. The powers of the Department and the Board are enumerated in Section 98.0403.1 of the Los Angeles Municipal Code.

108.2. INTERPRETATION.

1. If two or more pertinent limitations are not identical, those limitation shall prevail which provide the greater safety to persons, property or public welfare.
2. The Superintendent of Building or a duly authorized representative is empowered to make all interpretations concerning the provisions of this Code.

108.3. RIGHT OF ENTRY. Section 108.3 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.4. STOP ORDERS. Section 108.4 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.5. AUTHORITY TO DISCONNECT UTILITIES IN EMERGENCIES. Section 108.5 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.6. AUTHORITY TO CONDEMN EQUIPMENT. Section 108.6 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.7. CONNECTION AFTER ORDER TO DISCONNECT. Section 108.7 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.8. LIABILITY. Section 108.8 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

108.9. COOPERATION OF OTHER OFFICIALS AND OFFICERS. Section 108.9 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

109.0 UNSAFE EQUIPMENT.

Section 109.0 of Appendix Chapter 1 of the C.M.C. is adopted by reference.

110.0 APPEALS.

In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretations of this Code, the appeal process shall be made in accordance with the procedure established in Sections 98.0403.1 and 98.0403.2 of the Los Angeles Municipal Code.

111.0 PROHIBITED ACTS.

No person shall sell, offer for sale, display for sale, advertise for sale, loan, rent, or lease, dispose of by way of gift, premium or otherwise, any equipment regulated by this Code unless such equipment is listed by an approved testing agency or is of a type and construction approved by the Department.

PART III - PERMITS AND INSPECTIONS

112.0 PERMITS.

112.1. GENERAL. No person shall install or alter, repair, relocate, replace or add to any installed heating, ventilating, air-conditioning, or refrigeration equipment or other miscellaneous heat-producing appliances unless a permit for the work has been obtained from the Department, except as provided in this Code.

EXCEPTION:

1. A separate permit shall not be required for installation of any heating, ventilating, air-conditioning, or refrigeration equipment or other miscellaneous heat-producing appliances for which a combined building/mechanical permit has been obtained pursuant to Section 107.2 of the Building Code.
2. No person shall be subject to a fine or payment of an investigation fee for starting and doing any emergency repair work without a permit being first obtained, if a permit for work is obtained on or before 12:00 noon on the third day the office of the Department is open for public business after the work was started. (See Section 98.0402 of the Los Angeles Municipal Code).
3. No permit shall be required for:
 - A. Any portable ventilating equipment.
 - B. Any portable comfort-cooling unit.
 - C. Any steam, hot or chilled water piping within any comfort- heating or cooling system regulated by this Code.
 - D. Any portable evaporative cooler.
 - E. Any unit refrigeration system.
 - F. Any cooking range, broiler unit or domestic-type clothes dryer.
 - G. Any replacement or repairing of a compressor provided the compressor replaced or repaired is of the same horsepower rating and is installed in the same location.

H. Any replacement or repair of controls, motors and components which are not part of, or used for, any emergency smoke-control system required by the Building Code or the Fire Code.

I. Any replacement or repair of any component part of listed factory-assembled comfort-heating or comfort-cooling equipment which does not alter its original approval and complies with all other applicable requirements of this Code.

J. Any repair of equipment not specified here, if the total value of the repair is less than \$500.00 for labor and material. For the purpose of this requirement, no permit shall be required where the work is performed on more than one piece of equipment or duct system that is located in the same building, provided the total value of material and labor for any separate and individual repair does not exceed \$500.00.

K. The replacement of defective forced-air units with one of equivalent size, Btu (L/W) rating and vent capacity when the vent does not require replacement or relocation in a detached single-family dwelling and the replacement is performed by a contractor with a valid Certificate of Registration pursuant to Section 1716 of the Building Code. A Certificate of Compliance pursuant to Section 108.12 of the Building Code must be filed with the City in lieu of a permit.

L. The replacement of defective air-conditioning units when they are replaced with one of equivalent size and Btu (L/W) rating by a contractor with a valid Certificate of Registration pursuant to Section 1716 of the Building Code. A Certificate of Compliance pursuant to Section 108.12 of the Building Code must be filed with the City in lieu of a permit.

The foregoing exemptions for permit requirements shall not apply where the equipment is regulated by the California Energy Commission, or the equipment is used to provide the required heating capacity for any residential occupancy, or the equipment is used as part of an emergency smoke-control system.

The foregoing exemptions from permit requirements shall not be deemed to allow any equipment regulated by this Code to be installed in a manner contrary to other provisions of this Code.

112.2. PERMIT REQUIRED. A permit shall be obtained for all heating, ventilating, air-conditioning or refrigeration equipment or other miscellaneous heat-producing appliances moved with, or installed in, a relocated building in the City.

112.3. SEPARATE PERMIT. A separate permit shall be obtained for the equipment installed in each separate building or structure and for the work required by each building permit.

112.4. INCIDENTAL GAS. Any qualified installer as specified in Section 113.4 of this Code may install incidental gas piping to connect any heating appliance or absorption unit to the existing gas piping system, provided:

1. The incidental piping installation complies with the requirements as set forth in the Los Angeles Plumbing Code; and
2. There is an existing gas supply meter on the premises serving the gas piping system.

113.0 APPLICATION FOR PERMIT.

113.1. APPLICATIONS.

1. To obtain a permit, the applicant shall file an application on forms furnished by the Department. The application shall contain all information necessary to the lawful enforcement of the provisions of this Code.
2. The application shall be accompanied by approved plans and specifications when required by this Code.
3. When the Department determines that the information on the application is in conformance with this Code, the Department shall issue a permit upon receipt of the total fees.

113.2. PLANS AND SPECIFICATIONS.

1. Except for minor installations satisfactory to the Department, plans and specifications for the complete installation of comfort-heating systems, comfort-cooling systems, absorption units, ventilation systems and hoods shall be filed with the Department and approved before the issuance of any permit for the following:

A. Comfort- Heating, Comfort-Cooling, Absorption Unit and Ventilation Systems:

1. Commercial Applications: Installations where the aggregate Btu/h input capacity is 500,000 Btu/h (2299.3 L/W) and over for comfort heating, or for comfort cooling, or for absorption units.

EXCEPTIONS:

1. Duct alterations.
2. Addition of air conditioning equipment having a rating of 5 tons or less.
3. Addition of general ventilation exhaust fans having a rating of 2000 cfm or less.
4. Replacing air conditioning equipment with the same size and type.

2. Residential Applications: Installations where the aggregate Btu/h capacity is 500,000 Btu/h (2299.3 L/W) and over for comfort heating, or for comfort cooling, or for absorption units.

EXCEPTIONS:

1. Duct alterations.
2. Replacement of air conditioning equipment with the same size and type.
3. Systems within individual dwelling units or guest rooms.

B. Smoke-control systems.

C. Any comfort-cooling compressor or refrigeration compressor for any system which contains any Group B refrigerant.

D. Any commercial cooking hood and ventilation system, except for approved vent-less hoods that are installed in accordance with the manufacturer's installations and other conditions of approval as determined by the Los Angeles City Testing Laboratory.

E. Product conveying ventilation systems.

2. One complete set of plans and specifications shall be filed for checking before approval is given by the Department. After approval, the plans shall be returned to the applicant. The approved set of plans shall be on the job site for availability during construction and inspection.

3. When the plans and specifications do not comply with provisions of this Code, the necessary changes or revisions shall be made.

4. The information contained on the plans shall be clearly legible and specifically indicated. No plan shall be of a scale smaller than 1/8 inch per foot.

5. Specifications, when submitted, shall be legible and definitively stated, and be included either on the plans or on separate sheets.

6. The approval of any plans or specifications shall not be construed to sanction any violation of this Code.

7. No person shall materially deviate from approved plans or specifications or fail, neglect or refuse to comply with those plans or specifications unless permission to do so has first been obtained from the Department.

8. Plans and specifications shall be prepared by and bear the signature and registration number of a professional engineer in an appropriate discipline who is duly registered by the State of California Board of Registration for

Professional Engineers and Land Surveyors, except as provided by the State of California Business and Professions Code.

113.3. INFORMATION ON PLANS AND SPECIFICATIONS.

1. The plans or specifications shall show all of the following:

- A. The layout for each floor with dimensions of all working spaces and a legend of all symbols used;
- B. The location, size and materials of all air ducts, air inlets and air outlets;
- C. The location of all fans, warm-air furnaces, boilers, absorption units, refrigerant compressors and condensers;
- D. The rated capacity or horsepower of all boilers, warm-air furnaces, heat exchangers, blower fans, refrigerant compressors and absorption units;
- E. The location, size and materials of all combustion products, vents and chimneys;
- F. The location and area of all ventilation and combustion-air openings and ducts;
- G. The location of all air dampers, fire dampers, smoke- control dampers and combustion-products-type smoke detectors;
- H. The information necessary to show compliance of the mechanical equipment with the state energy standards;
- I. The occupancy of each area served by any heating, air- conditioning or ventilation system;
- J. The location of all required fire-resistive separations that are penetrated by ducts or openings of any heating, air-conditioning or ventilation system;
- K. The complete drawings of all commercial hoods and ventilation systems, including the cooking appliances served by the hoods, and verify:
 - 1. The interconnection of the fire-extinguishing system and fuel shutoff devices;
 - 2. Compliance with Health Department requirements; and
 - 3. Compliance with South Coast Air Quality Management District requirements.
- L. The weight of any equipment weighing more than that specified in Chapter 13 of ASCE 7.

2. All plans and specifications required by this section shall be drawn with indelible pencil or drawn or printed in ink, or made by reproduction process which produces a permanent print. Every sheet of each set of plans and specifications shall show the address of the proposed work and the name and address of the owner or lessee of the premises.

The plans and specifications shall be of sufficient clarity to show that the proposed installation will conform to the provisions of this Code and of all applicable laws, ordinances, rules, regulations and orders.

113.4. QUALIFIED INSTALLER. It is unlawful for any person who is not a qualified installer to install, alter, reconstruct or repair any equipment regulated by this Code unless the person is under the direct supervision of a qualified installer.

A qualified installer is:

- 1. A person who holds a valid contractor's license in the proper classification issued by the State of California; or
- 2. A person who holds a valid Maintenance Certificate of Registration issued pursuant to the provisions of this Code; or
- 3. A person who is the owner of a single-family dwelling and has demonstrated to the satisfaction of the Department his or her qualifications to satisfactorily perform mechanical work in the dwelling which is occupied by the owner, and their accessory buildings, provided that all of the following conditions are met:
 - A. The work is performed prior to sale of the dwelling.
 - B. The home owner has actually resided in the residence for the 12 months prior to completion of the work.
 - C. The homeowner has not availed himself or herself of this exemption on more than two structures during any three year period.

4. A person who is employed by a governmental agency that is required to comply with the provisions of this Code, and who is qualified, as determined by the Department, to supervise or control any work regulated by this Code.

114.0 PERMIT ISSUANCE.

114.1. ISSUANCE. The issuance of a permit is not an approval or an authorization of the work specified therein. A permit is merely an application for inspection, the issuance of which entitles the permittee to inspection of the work described therein.

114.2. EFFECT OF ISSUANCE. Neither the issuance of a permit nor the approval by the Department of any plans or specifications shall constitute an approval of any work or material that is in violation of any provision of this Code or of any other applicable law.

114.3. EXPIRATION OF PERMITS. Permits shall expire as provided for in Section 98.0602 of the Los Angeles Municipal Code.

114.4. REVOCATION OF PERMITS. Permits may be revoked as provided for in Section 98.0601 of the Los Angeles Municipal Code.

115.0 PERMIT FEES.

115.1. PERMIT FEES. Before any permit required by this Code is issued, the applicant therefore shall pay to the Department the following fees:

PERMIT FEE SCHEDULE FOR HEATING, VENTILATING, AIR-CONDITIONING AND REFRIGERATION EQUIPMENT AND MISCELLANEOUS HEAT-PRODUCING APPLIANCES

Permit	Fee
1. a. For issuing permit	\$17.00
b. For issuing a supplementary permit (the fee for which shall be the difference between the fee paid for the original permit and the fee which would have been required had the original permit included the entire installation, repair, relocation or alteration plus	14.00
2. For the installation or relocation of each fuel-burning heating appliance regulated by this Code	13.50
3. For each air inlet and air outlet served by any heating, air-conditioning or ventilation system or for each 1,000 square feet (92.9 m ²) or fraction thereof of conditioned area for any heating or air-conditioning system using perforated building material in lieu of conventional air inlets and outlets	27.00
4. a. For the installation of each appliance vent system, factory-built chimney and each absorption unit vent system regulated by this Code	8.50
b. For the installation of each unlisted single-wall metal chimney (smokestack)	40.00
Note: This fee shall not apply to a vent system which is an integral part of an appliance or an absorption unit, which is listed for outdoor installation.	
5. For the repair of, alteration of or addition to each refrigeration system, fuel- burning heating appliance, comfort-cooling unit, absorption unit, or each comfort-heating, cooling, absorption, ventilation or evaporative cooling system, including the installation of controls regulated by this Code	17.00
6. a. For each ventilation system which is serving a commercial cooking hood	23.00
b. For each environmental air and commercial-type clothes dryer ventilation system regulated by this Code	8.50
c. For each product-conveying duct system regulated by this Code	41.00
7. For the installation of each hood	23.00
8. a. For the installation of each comfort-cooling compressor of 25- horsepower (87.9 k/W) rating or less and each absorption unit having an input capacity of 500,000 Btu/h (2299.3 L/W) or less	17.00
b. For the installation of each refrigeration compressor of 25-horsepower rating (87.9 k/W) or less, other than a compressor for a unit refrigeration system	27.00
9. a. For the installation of each comfort-cooling compressor over 25-horsepower (87.9 K/W) rating and under 50-horsepower (175.8 k/W) rating, and each absorption unit having an input capacity over	41.00

500,000 Btu/h (2299.3 L/W) and under 1,000,000 Btu/h (4598.6 L/W)	
b. For the installation of each refrigeration compressor over 25-horsepower (87.9 k/W) rating and under 50-horsepower (175.8 k/W) rating	54.00
10. a. For the installation of each comfort-cooling compressor of 50-horsepower (175.8 k/W) rating and over, and each absorption unit having an input capacity of 1,000,000 Btu/h (4598.6 L/W) and over	81.00
b. For the installation of each refrigeration compressor of 50-horsepower (175.8 k/W) rating and over	110.00
11. For the installation of each air-handling unit used for the distribution of conditioned air supply Note: This fee shall not apply to an air-handling unit which is a portion of a factory-assembled appliance, comfort-cooling unit, evaporative cooler or absorption unit for which a permit is required elsewhere in this Code.	17.00
12. For the installation of each evaporative cooler which is not classified as a portable evaporative cooler	17.00
13. When it shall be necessary to make an extra inspection trip due to the applicant having given an incorrect address or wrong location for any permit when obtaining a permit required by this Code, a fee shall be paid by the applicant for correcting the address or location given in such permit	25.00
14. For the installation of incidental gas piping for each existing individual metered system up to and including five outlets (see Section 112.4)	18.00
For each outlet over five	5.00
Note: For the purpose of this fee, incidental gas piping shall mean any addition made to an existing low-pressure gas piping system to accommodate gas-burning equipment regulated by this Code. This fee shall not apply if such piping is less than six feet (1.8 m) in length and connects to an existing gas outlet.	
15. For the installation of each fire damper	8.50
16. For the installation of each smoke-control damper which is a portion of a smoke-control system that is required by the Los Angeles Municipal Code	8.50
17. For each smoke detector which is required by the Los Angeles Mechanical Code	7.00
18. For witnessing the performance test of any emergency mechanical smoke-control system, stair shaft pressurization system, smoke detector or smoke damper which is a portion of that system. For each hour or fraction thereof	75.00
19. For witnessing the performance test of any heating or cooling equipment for automatic shutoff. For each hour or fraction thereof	75.00
20. For witnessing the performance test of any ventilating system serving commercial food heat-processing equipment. For each hour or fraction thereof	75.00
21. For the minimum inspection	65.00
22. For each additional inspection	65.00
23. Minimum inspection fee. Los Angeles Municipal Code Section 98.0412.1 and 98.0412.1.1:	
a. For the installation of a single fixture described in this section	40.00
b. Where the cumulative fees described in this section total less than the minimum fee required by the Los Angeles Mechanical Code	65.00
24. For transfer of a permit	35.00

Note: Items 18, 19 and 20. For the purpose of witness fee requirements, more than one system of the same category can be inspected in the same building spaces if completed within the same hour. For each additional category or additional hour or fraction thereof a fee of \$60.00 is required. These fees are not to be included in determining plan check fee.

115.2. PLAN CHECK FEES.

(a) Before formally accepting a set of plans and specifications for checking, the Department shall collect a plan check fee.

A complete schedule of the permit fees due shall be included with each set of plans submitted to the Department. The plan check fees required by the provisions of this section are in addition to the inspection fees required by Sections 115.5 and 115.8 of this Code.

A fee as specified in Item 10 of Section 115.2 shall be collected by the Department prior to approval for each set of plans submitted beyond the two required by this Code containing more than 10 sheets including calculations and documentation.

Plan check fee shall be as follows:

1. Apartments and condominiums not over three stories:

Type of Installation	Standard Design	Additional Fee for Checking Analysis of Annual Energy Budget
Equipment as listed in Section 115.1 to be installed in apartments and condominiums not over three stories in height	40% of permit fee, \$65.00 minimum; plus a surcharge of 10% of permit fee, \$50.00 minimum, for checking compliance with State Energy Standards	60% of permit fee, \$100.00 minimum, \$500.00 maximum

- 2. Commercial cooking ventilation systems, serving type I hoods, each..... \$150.00
- 3. Commercial cooking ventilation systems, serving type II hoods each \$100.00
- 4. Type I, Type II or fume hoods, each..... \$50.00
- 5. Product conveying ventilation systems, not including garage ventilation or smoke control systems, each ... \$150.00
- 6. Engineering calculations of smoke control systems, each \$750.00
- 7. Engineering calculations of stair shaft pressurization systems, each \$150.00
- 8. Engineered and/or proprietary duct joints, each HVAC system, minimum \$100.00
- 9. Other projects:

Type of Installation	Standard Design	Additional Fee for Checking Analysis of Annual Energy Budget
Installation of equipment as listed in Section 115.1, except in apartments and condominiums less than three stories in height or systems listed above in Items 2 through 8.	70% of permit fee \$65.00 minimum; plus a surcharge of 10% of permit fee, \$50.00 minimum, for checking compliance with State Energy Standards NOTE: For conditioned areas where the number of air inlets and air outlets is unknown, \$9.00 for each 1000 sq. ft. or fraction thereof.	60% of permit fee, \$100.00 minimum, \$2,800.00 maximum

10. The Department may collect a plan check fee as specified in Section 98.0415(e) of the Los Angeles Municipal Code for the following plan check services:

- A. Specially engineered systems;
- B. Engineered systems not listed in Section 115.1;
- C. Review of expired plans provided that the original approved plans are submitted along with the new plans, and the new plans have no changes other than those required to comply with the current code;
- D. Review of plans revised for reasons other than to comply with plan check corrections;
- E. Review of “**As Built**” plans provided that the original approved plans are submitted along with the new plans;
- F. Any time not included in the original plan check fee.

This fee shall be in addition to other fees specified in this Code.

(b) **Off-hour Plan Check.** Upon request by an applicant and accepted by the Department, an off-hour plan check fee per Section 98.0422 of the Los Angeles Municipal Code may be collected.

115.3. EXPIRATION OF PLAN CHECK. Plan check approval shall expire as provided for in Section 98.0603 of the Los Angeles Municipal Code.

115.4. MINIMUM INSPECTION FEE.

1. A minimum fee as specified in Section 98.0412 of the Los Angeles Municipal Code shall be paid to the Department for each mechanical installation for which a permit is required by this Code.
2. When the cumulative fees and the issuing fee set forth in this Code are less than the minimum fee, the minimum fee shall be paid, which shall include the issuing fee.
3. The fee for single fixture shall apply to the installation of only one mechanical fixture/equipment and shall include the issuing fee. Where the fee for a single fixture exceeds the minimum fee for single fixtures, this fee shall not apply.

115.5. FEES FOR MISCELLANEOUS PERMITS.

1. When permission has been obtained from the Department, a permit may be issued for that portion of equipment to be concealed if the permit cannot be issued until required plans have been approved. The miscellaneous permit shall not be an authorization for the installation of any other equipment.

The permittee shall submit plans along with this permit application which shall clearly designate the equipment to be concealed and the building area involved. If the work done on the miscellaneous permit is not in accordance with the final approved plans, the permittee shall be responsible for making all necessary corrections for compliance with the Code.

A fee as specified in Section 98.0412 of the Los Angeles Municipal Code shall be paid for the inspection of this installation and shall be limited to one inspection trip and one reinspection trip. This fee is in addition to the permit-issuing fee specified in Section 115.1.

2. A miscellaneous permit fee as specified in Section 98.0412 of the Los Angeles Municipal Code shall be paid for inspection of the installation of equipment regulated by this Code which requires an inspection for determination of Code compliance and where such installation inspection is not provided for in the permit fee schedule specified in Section 115.1. This fee is in addition to the permit issuing fee specified in Section 115.1.

115.6. INVESTIGATION FEE. Except as provided in Section 112.1, whenever any work for which a permit is required under the provisions of this Code has been commenced without the authorization of a permit, a special investigation shall be made before a permit may be issued for the work. In addition to the permit fee, an investigation fee shall be collected as provided for in Section 98.0402 of the Los Angeles Municipal Code.

115.7. TRANSFER OF PERMITS AND PLAN CHECKS. No permit shall be transferable from the original permittee to any other person, unless the property owner authorizes the transfer in writing. Upon authorization, the new permittee shall file with the Department a new permit and pay to the Department a fee as specified in Section 98.0415 of the Los Angeles Municipal Code for issuing the new permit. This fee includes the issuing permit fee specified in the fee schedule set forth in Section 115.1 of the Los Angeles Municipal Code.

NOTE: No plan check shall be transferable from one contractor to another unless the original plans were prepared and signed by a state-licensed engineer in the proper classification.

115.8. FEES FOR ADDITIONAL INSPECTIONS.

1. Each permit shall be entitled to three inspection trips when the job is of a type requiring an inspection before covering or concealing the work. On jobs which may be completely inspected on one inspection trip, two inspection trips will be allowed.

EXCEPTION: The number of inspection trips will not be limited on progress jobs, provided, however, that only one inspection will be permitted for checking a correction. For the purpose of this section, progress jobs are those in which circumstances beyond the control of the applicant make it impossible for the installation to be completed at any specific time.

2. If more inspection trips than are specified in Subsection 1 of this section are required due to the fault or error on the part of the applicant or the applicant's employees, an additional fee as specified in Section 98.0412 of the Los Angeles Municipal Code shall be paid by the applicant for each additional inspection trip.

3. The Department may recheck installations at intervals of 30 days or more, where violations continue to exist, until either the violations are cleared or a total of three rechecks are made. The fees specified in Subsection 2 of this section shall apply for each recheck inspection.

4. The fees charged under this section are in addition to any other fees shown and the payment of the fees required by this section shall not exempt any person from compliance with other provisions of this Code nor from any penalty prescribed by law.

5. Whenever special enforcement procedures are required to obtain compliance with properly executed Department notices or orders, a fee, as specified in Section 98.0407 of the Los Angeles Municipal Code, shall be assessed in addition to the added trip fee specified in Subsection 2 of this section.

115.9. INSPECTION FEES FOR OFF-HOURS INSPECTIONS. The Department may, at its discretion, make emergency inspections at other than normal working hours upon the request of a permittee, provided that additional fees are paid as specified in Section 98.0406 of the Los Angeles Municipal Code.

115.10. FEES FOR OFF-SITE INSPECTIONS. Upon written request, the Department may, at its discretion, make inspections at locations other than the site upon which a building will be located, provided that location is within 60 miles (96.56 km) of the Los Angeles City Hall.

A fee, in addition to fees charged elsewhere in this Code, at the rate specified in Section 98.0412 of the Los Angeles Municipal Code per hour shall be charged for such inspections, time to include travel to and from the place of inspection, with the minimum fee as specified in Section 98.0412 of the Los Angeles Municipal Code.

116.0 INSPECTIONS.

116.1. INSPECTION.

1. All equipment for which a permit is required by this Code shall be inspected by an authorized inspector of the Department.

EXCEPTION: Contractors holding a Certificate of Registration complying with Section 108.12 of the Building Code for detached single-family dwellings.

2. No portion of any equipment intended to be enclosed by any permanent portion of the building shall be enclosed until inspected and approved.

3. When the installation of any equipment is complete, a second or final inspection shall be made.

4. The first and second inspections may be made at the same time if no portion of the equipment is concealed by any permanent portion of any building.

5. **Approved fabricators.** The inspections provided for in this section shall not be required for construction or installation work done on the premises of a Type II fabricator to whom an approval has been issued pursuant to the provisions of Division C of Article 6 of Chapter IX of the Los Angeles Municipal Code.

116.2. REQUEST FOR INSPECTION.

1. The Department shall require that every request for inspection be filed at least one day before the inspection is desired. This request may be in writing or by telephone at the option of the Department.
2. It shall be the duty of the person requesting inspection of any equipment regulated by this Code to provide access to and means for proper inspection for the equipment.
3. The removal of any material necessary to permit an inspection shall be required by the Department by written order. The City shall not be liable for any expense entailed in the removal or replacement of any material required to permit the inspection.

117.0 CONNECTION APPROVAL.

117.1. CONNECTION APPROVAL. No equipment regulated by this Code shall be connected to the fuel or power supply until it complies with all applicable requirements of this Code and a final inspection tag of approval has been issued by the Department.

EXCEPTION: The requirements of this subsection shall not be considered to prohibit the operation of any equipment installed to replace defective equipment serving an occupied portion of a building, in the event a request for inspection of that equipment has been filed with the Department not more than 48 hours after the replacement work is completed and before any portion of the equipment is concealed by any permanent portion of the building.

117.2. FINAL INSPECTION. A final inspection tag of approval may, upon notice, be revoked by the Department if the Department finds that the equipment fails in any respect to comply with the requirements of this Code or that the installation is unsafe, dangerous or a hazard to life or property.

118.0 REGISTRATION.

118.1. MAINTENANCE SUPERVISOR. No person shall act in the capacity of a maintenance supervisor or air balancer for smoke-control systems, unless the person has paid the filing fee and successfully passed an examination as specified in Section 118.3 of this Code.

EXCEPTION: One who holds a valid contractor's license in the proper classification issued by the State of California and personally performs the work.

118.2. APPLICATIONS.

1. Every applicant for Certificate of Qualification as a maintenance supervisor or air balancer shall make an application in writing to the Department on forms furnished for that purpose.
2. Every application for a Certificate of Qualification as a maintenance supervisor or air balancer shall be accompanied by a filing fee as specified in Section 98.0414 of the Los Angeles Municipal Code.
3. Every applicant for a Certificate of Qualification as a maintenance supervisor or air balancer shall be examined as required by the provisions of Section 118.3 of this Code.

Note: For the purpose of this Code, an air balancer holding a Certificate of Qualification may qualify to perform work to comply with the State Energy requirements (Title 24, Parts 1 and 6).

118.3. EXAMINATIONS.

1. Every applicant for a Certificate of Qualification as a comfort-heating and cooling maintenance supervisor or a refrigeration maintenance supervisor or air balancer shall be given an examination to evaluate that applicant's knowledge and experience. The extent and scope of the examination shall, in the judgment of the Superintendent of Building, be sufficient to indicate that a person who successfully passes the examination has the necessary ability to repair, maintain, alter and service refrigeration equipment, heating appliances, heating systems, gas piping, gas-control devices, vents for gas appliances, and air balancing in compliance with this Code. The examination shall include a written test and an oral interview.

2. The Superintendent of Building is hereby granted the power and authority to make and establish such rules and regulations as he or she may consider necessary for the proper conduct of the examination. The results of each examination shall be subject to review and approval by the Superintendent.

118.4. FAILURE TO PASS EXAMINATION. No part of any filing fee shall be returned to any applicant who fails to pass the examination for which the fees were paid. If any applicant shall fail to receive the percentage required at the first examination, the applicant shall be entitled to take a second examination without payment of a second fee, but shall be required to wait at least two weeks before taking the second examination. In case any applicant fails to pass the second examination, the applicant shall be required to wait at least six months before he or she may file another application for examination, at which time the applicant shall pay another filing fee.

118.5. ISSUANCE OF CERTIFICATE.

1. Every applicant for a Maintenance Certificate of Registration shall make application to the Department on forms furnished for that purpose. The application shall provide the following information:

- A. Business name and address of applicant.
- B. The signature of the responsible managing officer.
- C. The name of the maintenance supervisor.

2. Before a Maintenance Certificate of Registration is issued to any person, that person shall pay a registration fee as specified in Section 98.0414 of the Los Angeles Municipal Code.

3. Each Maintenance Certificate of Registration issued shall expire one year following the date of issuance, but may be renewed from year to year upon payment of an annual renewal fee as specified in Section 98.0414 of the Los Angeles Municipal Code, which must be paid not later than 30 days after the date of expiration.

4. The Department shall issue a Certificate of Qualification as a maintenance supervisor or air balancer to any person who has successfully passed the examination prescribed in Section 118.3.

5. Every Certificate of Qualification as maintenance supervisor or air balancer shall expire one year following the date of issuance, but may be renewed from year to year by the payment of an annual fee as specified in Section 98.0414 of the Los Angeles Municipal Code within 30 days after the date of expiration.

6. A maintenance supervisor shall be limited to perform only the labor for maintenance, repair, addition to or alteration of existing equipment on premises owned by or under control of the holder of a valid Maintenance Certificate of Registration.

118.6. REVOCATION, SUSPENSION AND VOIDING OF CERTIFICATES.

1. Any Certificate of Registration or Certificate of Qualification required by this Code may be suspended or revoked in accordance with the provisions of Article 8 of Chapter IX of the Los Angeles Municipal Code.

2. Any person whose certificate is revoked hereunder shall not, for a period of 30 days thereafter, be eligible for a new certificate and shall receive a new certificate only after passing the required examination and paying the required fee.
3. The revocation of any Certificate of Registration or Certificate of Qualification shall not exempt the holder from any other penalty provided in this Code.
4. A Certificate of Registration shall become void 30 days after a maintenance supervisor is no longer in the employ of a holder of a Certificate of Registration.
5. A Certificate of Qualification shall become void when the maintenance supervisor is no longer in the employ of the holder of a Certificate of Registration.

118.7. EXHIBITION OF MAINTENANCE CERTIFICATE. Every person holding a Certificate of Qualification as a maintenance supervisor or air balancer shall exhibit that certificate to authorized personnel of the Department upon demand.

118.8. TRANSFER OF CERTIFICATES. No Certificate of Registration or Qualification shall be transferable.

118.9. EXPIRED CERTIFICATES.

1. Expired certificates may be renewed at any time within 12 months following the date of expiration provided that, after the first month, the renewal fee shall be increased by 10 percent for each month after the first.
2. After a certificate has been expired for one year, it may not be renewed. A new application and payment of the filing fees set forth in Sections 118.2 and 118.5 of this Code will be required.

CHAPTER 2 - DEFINITIONS

201.0 GENERAL.

Section 201 of the C.M.C. is adopted by reference.

202.0 ACCEPTED MEANINGS.

Section 202.0 of the C.M.C. is adopted by reference.

203.0. A.

Section 203.0 of the C.M.C. is adopted by reference except that the C.M.C. definition of the following term is not adopted:

AIR, SUPPLY

The following definition is also adopted:

AIR, SUPPLY is air being provided to a space or piece of equipment from the outside or inside a building by means of ducts or openings.

204.0. B.

Section 204.0 of the C.M.C. is adopted by reference, except that the C.M.C. definition of the following term is not adopted:

BUILDING CODE

The following definitions are also adopted:

BOARD is the Board of Building and Safety Commissioners of the City of Los Angeles.

BUILDING CODE is the City of Los Angeles Building Code, set forth in Article 1 of Chapter IX of the Los Angeles Municipal Code.

205.0. C.

Section 205.0 of the C.M.C. is adopted by reference, except that the C.M.C. definition of the following term is not adopted:

CLOTHES DRYER

The following definitions are also adopted:

CERTIFICATE OF QUALIFICATION is a Certificate of Qualification as a maintenance supervisor or air balancer as issued by the Department.

CERTIFICATE OF REGISTRATION is a Maintenance Certificate of Registration as issued by the Department.

CITY is the City of Los Angeles, California.

COMPRESSOR, COMFORT-COOLING is a compressor which is a portion of a comfort-cooling system or a comfort-cooling unit.

CLOTHES DRYER is an appliance used to dry wet laundry by means of heat derived from gas or electricity.

206.0. D.

Section 206.0 of the C.M.C. is adopted by reference, except that the C.M.C. definition of the following term is not adopted:

DEPARTMENT

The following definition is also adopted:

DEPARTMENT is the Department of Building and Safety of the City of Los Angeles, California, or its authorized representative.

207.0. E.

Section 207.0 of the C.M.C. is adopted by reference except that the C.M.C. definition of the following term is not adopted:

ELECTRICAL CODE

The following definition is also adopted:

ELECTRICAL CODE is the City of Los Angeles Electrical Code, set forth in Article 3, Chapter IX, of the Los Angeles Municipal Code.

208.0. F.

Section 208.0 of the C.M.C. is adopted by reference except that the C.M.C. definition of the following term is not adopted:

FIRE CODE

The following definitions are also adopted:

FIRE CODE is the City of Los Angeles Fire Code, set forth in Article 7, Chapter V, of the Los Angeles Municipal Code.

FIREPLACE is a hearth and fire chamber or similar prepared place in which a fire may be made and which is built in conjunction with a chimney.

209.0. G.

Section 209.0 of the C.M.C. is adopted by reference with the following additions:

GAS PIPING is an installation of pipe, valves or fittings that are used to convey fuel gas, installed on premises or in a building, but shall not include:

1. Portions of the service piping.
2. Approved appliance fuel connectors 6 feet (1800 mm) or less in length between an existing gas outlet and a gas appliance in the same room with the outlet.

GAS PIPING SYSTEM is an arrangement of gas piping supplied by a single meter or each arrangement of gas piping serving a building, structure or premises, whether individually metered or not.

GAS FIRE LOG LIGHTERS are manually operated gas-fired, solid-fuel ignition devices for installation in an approved fireplace.

SEC. 210.0. H.

Section 210.0 of the C.M.C. is adopted by reference with the following additions:

HAZARDOUS PROCESS PIPING (HPP) is a process material piping or tubing conveying a liquid or gas that has a degree-of hazard rating in health, flammability or reactivity of Class 3 or 4 as ranked by the Fire Code.

HORSEPOWER is the horsepower of the power unit driving the refrigerant compressor. If the compressor is electrically driven, the horsepower rating shall be determined as set forth in Article 430 of the National Electrical Code incorporated by reference in the Electrical Code. (1 HP = 1 Ton = 12,000 Btu/h)

211.0. I.

Section 211.0 of the C.M.C. is adopted by reference.

212.0. J.

Section 212.0 of the C.M.C. is adopted by reference.

213.0. K.

Section 213.0 of the C.M.C. is adopted by reference.

214.0. L.

Section 214.0 of the C.M.C. is adopted by reference.

215.0. M.

Section 215.0 of the C.M.C. is adopted by reference with the following additions:

MAINTENANCE CERTIFICATE OF REGISTRATION is a Certificate of Registration issued to the owner or occupant of specified premises for the sole purpose of repairing, maintaining, altering or adding to existing heating, ventilating, air-conditioning or refrigeration equipment on the premises.

MAINTENANCE SUPERVISOR is a comfort-heating and cooling maintenance supervisor or a refrigeration maintenance supervisor.

216.0. N.

Section 216.0 of the C.M.C. is adopted by reference.

217.0. O.

Section 217.0 of the C.M.C. is adopted by reference, except that the C.M.C. definition of the following term is not adopted:

OCCUPANCY CLASSIFICATION

The following definition is also adopted:

OCCUPANCY CLASSIFICATION for definition of occupancy classification, see the Los Angeles Building Code.

218.0. P.

Section 218.0 of the C.M.C. is adopted by reference with the following addition:

PROCESS PIPING is piping or tubing which conveys liquid or gas and which is used directly in research, laboratory or production processes and which is not regulated under the mechanical or plumbing code.

219.0. Q.

Section 219.0 of the C.M.C. is adopted by reference with the following addition:

QUICK DISCONNECT DEVICE is a hand-operated device which provides a means for connecting and disconnecting an appliance or an appliance connector to a gas supply. The device is equipped with an automatic means to shut off the gas supply when the device is disconnected.

220.0. R.

Section 220.0 of the C.M.C. is adopted by reference with the following additions:

RECLAIMED REFRIGERANTS are refrigerants reprocessed to the same specifications as for new refrigerants by means that may include distillation. These refrigerants have been chemically analyzed to verify that the specifications have been met. Reclaiming implies the use of processes or procedures that are available only at a reprocessing or manufacturing facility.

RECOVERED REFRIGERANTS are refrigerants removed from a system in any condition without necessarily testing or processing them.

REFRIGERATION CAPACITY RATING is expressed as 1 horsepower or 1 ton or 12,000 Btu/h (3.52 kW).

221.0. S.

Section 221.0 of the C.M.C. is adopted by reference with the following additions:

SMOKE CONTROL SYSTEM is any system designed to control smoke within a building as specified in this Code.

STATE ENERGY STANDARDS are the rules and regulations establishing energy, insulation and conservation standards for buildings, adopted by the California Energy Commission as specified in this Code.

SUPERINTENDENT OF BUILDING is the general manager of the Department of Building and Safety.

222.0. T.

Section 222.0 of the C.M.C. is adopted by reference.

223.0. U.

Section 223.0 of the C.M.C. is adopted by reference with the following additions:

UNIT REFRIGERATION SYSTEM is a refrigerating unit not to exceed a three-horsepower rating and which has been factory assembled and tested prior to its installation. This unit is not connected to any ductwork and is a complete one-unit package without remote parts.

USE (MATERIAL) is to place in action or make available for service by opening or connecting any container utilized for confinement of material whether a solid, liquid or gas.

224.0. V.

Section 224.0 of the C.M.C. is adopted by reference.

225.0. W.

Section 225.0 of the C.M.C. is adopted by reference.

226.0. X.

Section 226.0 of the C.M.C. is adopted by reference.

227.0. Y.

Section 227.0 of the C.M.C. is adopted by reference.

228.0. Z.

Section 228.0 of the C.M.C. is adopted by reference.

CHAPTER 3 - GENERAL REQUIREMENTS

Chapter 3 of the C.M.C. is hereby adopted by reference.

CHAPTER 4 - VENTILATION AIR SUPPLY

Chapter 4 of the C.M.C. is hereby adopted by reference.

CHAPTER 5 - EXHAUST SYSTEMS

Chapter 5 of the C.M.C. is hereby adopted by reference.

CHAPTER 6 - DUCT SYSTEMS

Chapter 6 of the C.M.C. is hereby adopted by reference.

CHAPTER 7 - COMBUSTION AIR

Chapter 7 of the C.M.C. is hereby adopted by reference.

CHAPTER 8 - CHIMNEYS AND VENTS

Chapter 8 of the C.M.C. is hereby adopted by reference.

CHAPTER 9 – INSTALLATION OF SPECIFIC EQUIPMENT

Chapter 9 of the C.M.C. is hereby adopted by reference.

CHAPTER 10 - STEAM AND HOT WATER BOILERS

Chapter 10 of the C.M.C. is hereby adopted by reference.

CHAPTER 11 - REFRIGERATION

Chapter 11 of the C.M.C. is hereby adopted by reference.

CHAPTER 12 - HYDRONICS

Chapter 12 of the C.M.C. is hereby adopted by reference.

CHAPTER 13 - FUEL GAS PIPING

Chapter 13 of the C.M.C. is hereby adopted by reference.

CHAPTER 14 – PROCESS PIPING

Chapter 14 of the C.M.C. is hereby adopted by reference.

CHAPTER 15 – SOLAR SYSTEMS

Chapter 15 of the C.M.C. is adopted by reference and Section 1500.1 is added to read:

1500.1. The 2006 Edition of The Uniform Solar Energy Code sections applying Strictly to the design of Solar Systems is adopted by reference.

CHAPTER 16 – STATIONARY FUEL CELL POWER PLANTS

Chapter 16 of the C.M.C. is hereby adopted by reference.

CHAPTER 17 - STANDARDS

Chapter 17 of the C.M.C. is hereby adopted by reference.

CHAPTER 18 – APPENDICES

Appendix Chapter 1 and Appendices A, and D of the C.M.C. are hereby adopted by reference.