


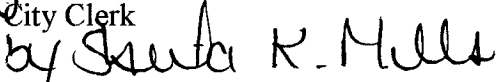
CITY OF LOVES PARK

ORDINANCE NO: 3604-09

**AN ORDINANCE AMENDING SECTIONS 18-86 AND 18-87
OF THE CODE OF ORDINANCES OF THE
CITY OF LOVES PARK, ILLINOIS, ADOPTING THE
MECHANICAL CODE, 2006 EDITION, PUBLISHED BY THE
INTERNATIONAL CODE COUNCIL**

ADOPTED BY THE MAYOR AND CITY COUNCIL
OF THE CITY OF LOVES PARK, ILLINOIS, THIS
21ST DAY OF DECEMBER, 2009

Published in Pamphlet Form by
Authority of the Mayor and City Council
Of the City of Loves Park, Illinois, this 28th
Day of December, 2009.


Robert J. Burden, City Clerk


ORDINANCE NO. 3604-09

**AN ORDINANCE AMENDING SECTION 18-86 AND 18-87
OF THE CODE OF ORDINANCES OF THE CITY OF LOVES PARK**

WHEREAS, Section 18-86 of the Code of Ordinances of the City of Loves Park regulates mechanical installations located within the City; and

WHEREAS, the City of Loves Park desires to ensure public safety of such installations; and

WHEREAS, the City desires to amend said section.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOVES PARK, WINNEBAGO COUNTY, ILLINOIS AS FOLLOWS:

SECTION ONE: Section 18-86 of the Loves Park City Code is rescinded and replaced as follows:

The International Mechanical Code, 2006 edition, including Appendix Chapter A, as published by the International Code Council, be and is hereby adopted as the *Mechanical Code* of the City of Loves Park, in the State of Illinois, for regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems as herein provided; providing for the issuance of permits and collection fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Mechanical Code are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, with the additions, insertions, deletions and changes prescribed in Section Two of this ordinance.

SECTION TWO: Section 18-87 shall be rescinded and replaced as follows:

Section 18-87 Amendments, deletions, and additions to the International Mechanical Code, 2006 edition:

Section 101.1 is amended as follows:

101.1 Title. These regulations shall be known as the *Mechanical Code* of the City of Loves Park, Illinois, hereinafter referred as the Mechanical Code, or “this code.”

Section 106.1.1 is added as follows:

106.1.1 Permits required. Mechanical work shall not be commenced until the code official has issued a permit for such work. A mechanical permit shall not be transferable. All work shall be performed and completed by permit holder.

Section 106.2 is amended by adding the following:

106.2 Permits not required. Permits shall not be required for the following:

9. Service calls, normal maintenance, and replacement parts in an amount less than \$500.00 (five hundred dollars).

Section 106.5.1 is deleted and replaced as follows:

106.5.1 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established in Section 18-28 of the City of Loves Park Code of Ordinances shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the City of Loves Park Legal Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

Section 106.5.2 Fee Schedule. is deleted in its entirety.

Section 106.5.3 is deleted in its entirety.

Section 106.6 is added as follow:

106.6 Posting Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a reinspection fee when the permit is not posted.

Section 107.1 is amended as follows.

107.1 Required inspections and testing. The code official, upon notification from the permit holder or the permit holder's agent, may make the following inspections and other such inspections as necessary, and shall either release that portion of the construction or shall notify the permit holder or the permit holder's agent of violations that must be corrected. The holder of the permit shall be responsible for the scheduling of such inspections. Where the phrase "shall be made" or "shall require" is used in this section, it shall mean "may be made" or "may be required".

(The remainder of this section is unchanged.)

Section 107.2.3 is amended as follows:

107.2.3 Reinspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be reinspected or retested. The permit holder will be subject to a reinspection fee according to Section 18-28 of the Code of Ordinances of the City of Loves Park, for the first, and each additional, reinspection or test performed.

Section 108.4 is amended as follows:

108.4 Violation penalties. Persons who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical equipment or systems in violation of an approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be punishable by a fine of not more than \$500.00 dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 108.5 is amended as follows:

108.5 Stop work orders. Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not more than \$500.00 dollars.

Section 109.2 is deleted and replaced as follows:

109.2 Membership of board. The board of appeals shall consist of seven members appointed by the chief appointing authority as follows: two (2) for five (5) years; two (2) for four (4) years; one (1) for three (3) years; one (1) for two (2) years; and one (1) for one (1) year. Thereafter, each new member shall serve for five (5) years or until a successor has been appointed.

Section 109.2.1 is deleted and replaced as follows:

109.2.1 Qualifications. The members of the board shall consist of one registered Professional Engineer, one licensed plumbing contractor, one license holder for hydronic heating-cooling, one license holder for refrigeration, one license holder for warm-air heating-cooling and two representatives of the mechanical industry with at least ten years of experience in mechanical fields, five of which shall have been in responsible charge of work.

Section 303.1.1 is added as follows:

303.1.1 Modular homes. All installations and equipment shall comply with all requirements and conform to all codes adopted by the City of Loves Park.

Section 304.1.1 is added as follows:

304.1.1 Heating where required. Heat shall be supplied to all rooms (including bathrooms) except unoccupied storage or other unoccupied spaces.

Section 304.1.2 is added as follows:

304.1.2 Return air. Return air shall be taken from all rooms including manufactured/modular homes and buildings; except unoccupied storage; kitchen; garages; and bathrooms.

Section 304.1.3 is added as follows:

304.1.3 Vehicle garages. Forced air heating and/or ventilation systems of occupiable and/or habitable spaces shall not be connected to the heating and/or ventilation system of a vehicle garage.

Section 401.5.1 is added as follows:

401.5.1 Areaway below grade. Where outside ventilating air intake and exhaust openings are located in any areaway below grade, the top of the areaway shall be at least 10 feet (3048 mm) from the surface of any street, alley, driveway or parking lot.

Section 402.1 is deleted and replaced as follows:

402.1 Natural ventilation. Natural ventilation of an occupied space shall comply with Chapter 12 of the *International Building Code*. When natural ventilation is used in use groups A, B, C, D, E, F, H, I or M, openings shall remain open during all occupied periods that continuous mechanical ventilation is not provided.

Table 403.3 is amended as follows:

Table 403.3 Required Outdoor Ventilation Air. Occupancy classification: Private dwellings, single and multiple: Toilet rooms and bathrooms. Outdoor air: Mechanical exhaust capacity of 70 CFM intermittent and 40 CFM continuous.

Section 603.6.1.1 is deleted and replaced as follows:

603.6.1.1 Duct length. Flexible air ducts shall be limited in length to 14 feet (4267mm) overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air ducts shall be of the insulated type. Flexible ducts shall only be used for branches.

Section 603.6.2.1 is amended as follows:

603.6.2.1 Connector length. Flexible air connectors shall be limited in length to 14 feet (4267mm) overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air connectors shall be of the insulated type. Flexible ducts shall only be used for branches.

Section 606.2.2 is deleted and replaced as follows:

606.2.2 Common supply and return air systems. Where a single or combined multiple air-handling systems have supply or return air ducts or plenums with a design capacity greater than 2,000 cfm (0.9m³/s), the return air system shall be provided with smoke detectors in accordance with Section 606.2.1.

Section 801.2.2 is added as follows:

801.2.2 Fuel burning appliances. Every fuel-burning appliance utilizing a vent material other than metal shall be identified at least once in each visible location, and every 36 inches (914 mm) where it is exposed, so as to distinguish it from other systems. Such marking or labeling shall be at least 2 inches (51 mm) in height.

Section 801.5.1 is added as is follows:

801.5.1 Radon vent piping. Radon vent piping systems shall be identified at least once in a visible location in every attic, crawl space and basement, and every 36" (914 mm) where it is exposed, so as to distinguish it from other systems. Such marking or labeling shall be at least 2 inches (51 mm) in height, and read "Radon Reduction System".

Section 802.7 is amended as follows:

802.7 Support of vents. 1. Wind bracing and/or support of vents from furnaces, water heaters and fireplaces shall be required when such vents are offset at extreme angles in the attic space. Such bracing must be installed immediately below the vertical portion through the roof and at each 5 foot (1524 mm) interval of the offset.

Section 805.1 is amended as follows:

805.1 Listing and clearances. Factory-built chimneys shall be listed and labeled and shall be installed and terminated in accordance with the manufacturer's instructions. Where, upon inspection, listing specifications and labeling is not present or visible, combustible materials within 18 inches (457 mm) of the chimney shall be protected with 5/8" (15.875 mm) Type X gypsum board or equivalent.

Section 901.5 is added as is follows:

901.5 Clearances for maintenance and replacement. Clearances around appliances to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly.

Section 903.1 is amended as follows:

903.1 General and clearances. Factory-built fireplaces shall be listed and labeled and shall be installed in accordance with the conditions of the listing. Factory-built fireplaces shall be tested in accordance with UL 127. Where, upon inspection, listing specifications and labeling is not present or visible, combustible materials within 36 inches (914 mm) of the fireplace shall be protected with 5/8" (15.875 mm) Type X gypsum board or equivalent.

Section 927 is added as follows:

Section 927
Heat Exchanger Repair

927.1 Furnace cement or welding. The use of furnace cement or welding for the repair of furnace heat exchangers is prohibited.

Section 928 is added as follows:

Section 928
Electric Duct Heaters

928.1 General. Electric duct heaters shall be equipped with an approved automatic reset air outlet temperature-limit control that will limit the outlet air temperature to not more than 200 degrees F. The electric elements of the heater shall be equipped with fusible links or a manual reset temperature-limit control that will prevent air temperature in the immediate vicinity of the heating elements from exceeding 250 degrees F.

Section 929 shall be added as follows:

Section 929
Central Vacuum Systems

929.1 General. A permit is required for all central vacuum systems. Only one inspection will be required on the rough-in. All wiring and piping in walls that will be covered by permanent building materials must be completed before inspection is requested.

Section 1006.7.1 added as follows:

1006.7.1 Multiple boiler installation. Where the operating temperature actuated control may be installed

in a header of other point common to all boilers, and can be isolated from any and all of the boilers, there shall be at least on high-limit-temperature-actuated combustion control mounted on each boiler.

Section 1007.2 amended as follows:

1007.2 Operation. The low-water cutoff shall be located as high as possible over the top of the boiler and shall automatically stop the combustion operation of the appliance when the water level drops below the lowest safe water level as established by the manufacturer.

Section 1012 is added as follows:

Section 1012
Flow Sensing Device

1012.1 Scope. A coil-type boiler or a water tube boiler with heat input greater than 400,000 BTUH requiring forced circulation to prevent overheating of the coils or tubes shall have a flow-sensing device installed in the outlet piping in addition the low-water fuel cutoff required above to automatically cut off the fuel supply when the circulating flow is interrupted.

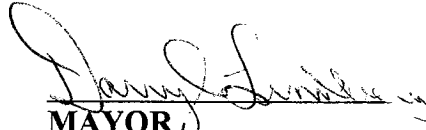
SECTION THREE: The Provisions and Sections of this Ordinance shall be deemed severable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

SECTION FOUR: All ordinances, resolutions, or parts of ordinances in conflict herewith are hereby repealed.

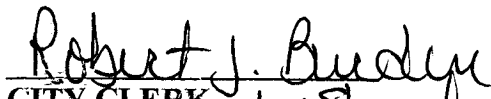
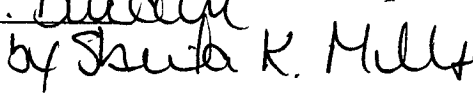
SECTION FIVE: This ordinance shall be in full force and effective on January 1, 2010.

SECTION SIX: A full, true, and complete copy of this Ordinance shall be published within 10 days after its passage in pamphlet form by and under the authority of the Corporate Authorities.

APPROVED:


MAYOR

ATTEST:


CITY CLERK by 

PASSED: Decmeber 21, 2009, 10 Ayes (Aldermen Holmes, Brinker, Novak, Owens, Jacobson, Jury, Little, Pruitt, Frykman, Peterson)

APPROVED: December 28, 2009

PUBLISHED: In pamphlet form December 28, 2009 as required by Ordinance.