

LEGISTAR FILE NO 63551 BODY

DRAFTER'S ANALYSIS: This ordinance makes numerous changes to Sections 30.01 and 30.02 of the Madison General Ordinances to update the City's heating, ventilating and air conditioning code. The notable changes are as follows:

1. Adjusting and increasing permit fees as part of the budget proposal to account for the recent and projected decrease in departmental revenue.
 - Broadly, adjusted fees are intended to primarily impact large commercial type construction. Impact on fees for residential housing and remodel work will be limited.
 - Fees adjustments are projected to account for a decrease in revenue stemming from a slowdown in overall project growth.
 - Fees have not been adjusted in over a decade as the continued rapid rate of growth in the City has offset the devaluation of fees during this time.
 - The projected adjustment will comply with State requirements that fees collected are intended to equal the cost of administering and maintaining the Building Inspection program.
2. Adjusting text and formatting to create an easier and more streamlined ordinance with more user-friendly design.
3. Aligning and establishing clear and consistent program administration language to more plainly define valid permit timeframes, expiration dates, and renewal procedures.

The Common Council of the City of Madison do hereby ordain as follows:

1. Subdivisions (a) and (b) of Subsection (2) entitled "Heating, Ventilating and Air Conditioning Inspection" of Section 30.01 entitled "Administration" of Chapter 30 entitled "Heating, Ventilating and Air Conditional Code" are amended to read as follows:

"(2) Heating, Ventilating and Air Conditioning Inspector.

- (a) To enforce the provisions of this code there is hereby authorized and established the position of Heating, Ventilating and Air Conditioning Inspectors who shall be under the direction of the Director of the Building Inspection Division, and be responsible for the inspection of heating, ventilation, and smoke abatement problems as prescribed by this code.
- (b) The Heating, Ventilating and Air Conditioning Inspectors shall have the power and authority at all reasonable times, for any proper purpose to enter upon any public or private premises and make inspections thereof, and to require the productions of the permit for any building, electrical, plumbing, heating or ventilation or to require license therefore. Any person interfering with or refusing entrance to said Inspectors while in the performance of their ~~his/her~~ prescribed duties shall be punished as provided in Section 30.01(9)."

2. Subsections (3) through (10) of Section 30.01 entitled "Administration" of Chapter 30 entitled "Heating, Ventilating and Air Conditioning Code" are amended and renumbered to read as follows:

~~"(3) Classes of Licenses.~~

- ~~(a) A person who holds a valid certification under Sec. 101.178(3)(a) of Wisconsin Statutes may obtain a license under this ordinance without taking the examination established by Subsection (5).~~
- ~~(b) There shall be five (5) classes of licenses issued pertaining to heating in the City of Madison.~~

- ~~1. Class B license shall be issued to a person desiring to install gas, oil, or coal conversion automatic equipment and controls in existing heating plants, and service, clean, and repair above mentioned equipment, but shall not alter or repair any part of the distribution system.~~
- ~~2. Class A-1 license shall be issued to a person desiring to enter into the business of installing, altering, or repairing warm air space heating equipment utilizing all types of energy.~~
- ~~3. Class A-2 license shall be issued to a person desiring to enter into the business of installing, altering, or repairing steam or hot water equipment utilizing all types of energy.~~

~~Exception. Gas fired unit heaters not connected to ductwork may be installed by a Class A-2 license holder.~~

- ~~4. Class A-3 license shall be issued to a person licensed with the City of Madison as a Class A or AA Electrical Contractor as defined in [Section 19.06](#) of the Madison General Ordinances who desires to enter into the business of installing, altering, or repairing electrical space heating equipment (of the electric resistance type installed in the zone of its occupancy).~~
- ~~5. Class A-4 license shall be issued to a person desiring to enter into the business of installing, altering or repairing active solar heating equipment. This license is not required if the person has a North American Board of Certified Energy Practitioners (NABCEP) certification.~~

~~(4) License Fees.~~

- ~~(a) The fee for a new applicant for Class B license shall be seventy five dollars (\$75). Renewal fee for each succeeding year shall be sixty dollars (\$60).~~
- ~~(b) The fee for a new applicant for Class A-1 license shall be one hundred twenty five dollars (\$125). Renewal fee for each succeeding year shall be sixty dollars (\$60).~~
- ~~(c) The fee for a new applicant for Class A-2 license shall be one hundred twenty five dollars (\$125). Renewal fee for each succeeding year shall be sixty dollars (\$60).~~
- ~~(d) The fee for a new applicant for Class A-3 license shall be seventy five dollars (\$75). Renewal fee for each succeeding year shall be sixty dollars (\$60). (Am. by Ord. 9366, 12-21-87)~~
- ~~(e) The fee for a new applicant for Class A-4 license shall be seventy five dollars (\$75). Renewal fee for each succeeding year shall be sixty dollars (\$60). (Am. by Ord. 9366, 12-21-87)~~

~~(5) Licenses How Obtained.~~

- ~~(a) Examinations for heating licenses shall be given by the Building Inspection Division of the Department of Planning and Community and Economic Development on the second Monday in January, April, July and October. An examination may be given at any time upon a finding that there be a hardship involved and that a delay in writing the exam will result in an injustice to the applicant.~~
- ~~(b) An application shall be filed with the Heating, Ventilating and Air Conditioning Inspector thirty (30) days prior to the date on which an examination is to be held. An application fee of sixty dollars (\$60) shall accompany application for Class B, Class A-3 and Class A-4 licenses. An application fee of one hundred twenty five dollars (\$125) shall accompany application for Class A-1 and A-2 licenses. Application shall be made on forms furnished~~

~~by the Building Inspection Division of the Department of Planning and Community and Economic Development, City of Madison, Municipal Building, Madison, Wisconsin.~~

~~Persons who are engaged in solar system installation shall hold an A-4 license or an NABCEP certification for solar thermal installers. The applicant must furnish evidence that s/he is engaged in such installation. Upon finding that the applicant is engaged in the solar system installations, if the applicant is not NABCEP certified, an A-4 license will be issued after the appropriate fee is paid and the bond has been furnished.~~

~~(c) The Director of the Building Inspection Division of the Department of Planning and Community and Economic Development, upon being satisfied as to the competency of the applicant, shall issue to the applicant a license authorizing the applicant to conduct a heating business for that branch of heating for which s/he has applied. The examination application fee shall constitute payment for the balance of the license year.~~

~~If the applicant for a license fails in her/his examination, one-half (1/2) of the application fee shall be refunded to the applicant. The applicant may write the examination the next time it is given, but if s/he fails to pass again, s/he must wait one (1) year before making application to again take the examination.~~

~~(d) A person either individually, as a member of a firm, or as an officer or employee holding a license may apply for an inactive status if the following conditions are satisfied:~~

- ~~1. The person qualifies by examination or by state certification and pays the required fee for one (1) year on the basis of an active license.~~
- ~~2. After holding a license for one (1) year, the licensee may establish an inactive status if not actively engaged in the business of heating equipment or where more than one (1) person holds an active license for the firm.~~
- ~~3. The inactive licensee shall pay a renewal fee of fifteen dollars (\$15) per year to maintain inactive status.~~
- ~~4. The inactive status cannot be renewed for more than a period of four (4) successive years.~~

~~(6) Prohibitions.~~

~~(a) It shall be unlawful for any person with a Class A-1, A-2, A-3 or A-4 license to allow the use of her/his license directly or indirectly for others, except that a person with a Class A-1, A-2, A-3 or A-4 license may lawfully obtain permits for corporations or firms who are actively engaged in the heating contracting business with a recognized business location if said person is gainfully and regularly employed by such corporation or firm on a full-time basis in a supervisory position. The licensee and the contractor shall be jointly held responsible for the design, supervision, installation and performance of the system.~~

~~(b) In the event that any person holding a heating license shall sever her/his connection with a heating firm and there is no other person who is licensed under the provisions of this code to conduct a heating business, the heating firm shall, within a period of forty-five (45) days, either employ a person licensed in their branch of heating or apply to the Director of the Building Inspection Division of the Department of Planning and Community and Economic Development for the required license according to the provisions of this code. Upon such application, an examination of the applicant shall be conducted under the hardship provisions of Section 30.01(5)(a) of the Madison General Ordinances. In the event that such applicant fails to obtain such license, then said firm shall employ a person licensed in their branch of heating within a period of forty-five (45) days after said applicant for license has been notified of her/his failure to meet the license requirements. If any work done by such firm pursuant to permits issued by the Heating, Ventilating and Air Conditioning Inspector shall fail to meet all requirements of the City ordinances and the regulations contained in Wis. Admin. Code ch. SPS 364, the Heating, Ventilating and Air Conditioning Inspector shall not issue further permits to such firm, until some member~~

~~or employee of such firm shall have obtained a license to conduct a heating business in accordance with the provisions of this code.~~

- ~~(c) — No person either individually, as a member of a firm, or as an officer or employee of a corporation shall install, alter or repair any space heating equipment except those employees working for an authorized licensee, hereunder, unless such person shall have a license as required by this code. The Director of the Building Inspection Division, however, may issue a permit to the owner of a single family residence only which the owner and the owner's immediate family solely occupies, for work to be done within said residence, if the person desiring such permit can prove (by oral examination conducted by the Building Inspection Division of the Department of Planning and Community and Economic Development) that s/he is competent to do such work, in conformity with all rules and regulations governing the installation of heating equipment in residences and such person shall pay the same fee as is required in the fee schedule.~~
- ~~(7) — Renewal of Licenses. Every license shall expire on the thirtieth (30th) day of June following the date of its issue and may be renewed upon payment to the City Treasurer, the renewal fee pertaining to that class of license not later than the first day of July of the year in which the license expires. After July 1, the license will not be renewed and the licensee will be required to make application for and take the examination for a new license in the same manner as a new applicant before being issued a new license. Temporary licenses shall not be issued.~~
- ~~(8) — Licensee Required to Give Bond. Every person licensed as an active Class A-1, A-2, A-3, A-4 or B heating contractor shall pay an additional seventy five dollars (\$75) for which the City will guarantee in the amount of one thousand dollars (\$1,000) that such person shall comply with the Ordinances and laws relating to space heating and will pay costs and expenses that may be caused by the negligence of such person or her/his servants occasioned by her/his or their failure to comply with said laws and Ordinances up to the \$1,000 limit or give a bond to the City of Madison in the sum of one thousand dollars (\$1,000) at the time of license renewal with such sureties as the City attorney shall approve. Provided further that the person who holds the license for the corporation, the license shall indicate both the name of the licensee and the corporation. Persons with an A-1, A-2 or A-4 license need not file an additional bond. Persons licensed as Class A or AA Electrical Contractors need not file an additional bond to carry an A-3 Heating License.~~
- ~~(9) — Permits, Plans, Specifications and Data.~~
- ~~(a) — It shall be unlawful for a person, firm, or corporation to construct, install, alter, or repair any heating, ventilating or exhaust system (and appurtenance), replace boiler and furnace, install stoker and conversion units in or for any building before securing a permit, except in cases of emergency the contractor may proceed with the work and file the application for a permit within twenty four (24) hours (Sundays and holidays excepted). A heating permit will not be required for the installation of electric baseboard or bathroom heaters when installed as auxiliary heat; that is, to supplement the existing heating system designed and installed to satisfy the load requirements of the space to be heated. The reference to appurtenances shall include direct heaters, cooling coils, central residential air conditioning (cooling) and similar devices affecting the safety or operation of the heating system.~~
- ~~(10) — Permit Fees. To be collected with building permit fees. Penalty for failure to obtain a permit before starting work shall be double the fees except as provided for emergencies as stated in Section 30.01(10)(a).~~

HEATING, VENTILATING, AND AIR CONDITIONING PERMIT FEE SCHEDULES

SCHEDULE 1

NEW CONSTRUCTION		
Group I	The use group shall include new and additions to residential buildings in which families or households live or in which sleeping accommodations are provided for individuals with or without dining facilities excluding hotels, motels, and institutional buildings	\$.075 per sq. ft. of new building or addition. Minimum Fee \$20.00
Group II	The use group shall include new and additions to taverns, restaurants, cafeterias, retail establishments under 10,000 sq. ft. where manufactured products are bought and sold, repair garages, service stations, churches, assembly halls, theaters, exhibition buildings, educational institutions, hospitals, nursing homes, places of detention, gymnasiums, arenas, laboratories, lodge halls, funeral homes, libraries, skating rinks, dance halls, and armories	\$.10 per sq. ft. of new building or addition. Minimum Fee \$20.
Group III	The use group shall include new and additions to warehouses, freight terminals, storage buildings, vehicle storage garages, refrigeration storage, factories, machine shops, electric substations, sewage treatment plants, heating plants, steam and electric generating plants, transformer vaults, and other buildings not classified in Groups I, II, III and IV, except one story but not limited to accessory buildings such as tool sheds, storage buildings having a floor area of less than eighty (80) square feet are exempt.	\$.05 per sq. ft. Minimum Fee \$20.00
	Residential Central Air Conditioning	\$32.00

NOTE: The air conditioning fee is in addition to the calculated fee for the heating plant installation. The air conditioning fee is applicable to one and two family dwelling installations. The heating plant fee covers all heating units and distribution system installations.

When an application is submitted for a property where only the shell of the property is to be completed, the fee will be calculated at 50% of the total fee for that particular fee group. When an application is submitted for construction of the interior of a building where the shell of the building has been previously granted a permit, the fees shall be based on the square footage of that space as a percentage of the entire square footage of the subject building and that fee shall be calculated at 50% of the total fee for that particular fee group.

**SCHEDULE 2
REPLACEMENT HEATING PLANTS AND CONVERSION BURNERS**

BTUH	Replacement
Up to 60,000	\$21.00
60,001 - 165,000	27.00

165,001 – 300,000	30.00
300,001 – 500,000	62.00
500,001 – 3,000,000	85.00

~~Over 3,000,000 BTUH Loss – Additional fifteen dollars (\$15.00) per 1,000,000 BTUH for new systems.~~

~~Note: Replacement is intended to mean that the heating unit is being replaced and there will be no work performed on the distribution system beyond the plenums or beyond the immediate connections to the boiler.~~

~~In no case shall the fee exceed those as calculated for new construction as listed in Schedule 1.~~

**SCHEDULE 3
ADD-ON AIR CONDITIONING**

~~\$25.00 regardless of size~~

~~Note: This schedule is not intended to cover window units. The fee in this schedule is intended to cover add-on installations for one- and two-family dwellings.~~

**SCHEDULE 4
HEATING, COOLING, INDUSTRIAL OR COMMERCIAL EXHAUST VENTILATION SYSTEMS**

~~For any heating, cooling, industrial or commercial exhaust ventilation systems, the Fee Schedule will be based on the dollar value of the installation as listed.~~

~~\$10.00 per \$1,000 of estimated cost. \$25.00 minimum fee.~~

~~Note: This schedule is intended to cover the repair or replacement of any heating work and any work not covered by other schedules. It also covers cooling systems which use the distribution system to satisfy required ventilation. The schedule is intended to cover all required exhaust systems installations.~~

**SCHEDULE 5
OIL TANKS**

~~Oil Tanks – Each Tank \$35.00~~

**SCHEDULE 6
MISCELLANEOUS FEES**

~~Oil or Wood Burning Stoves (Free Standing) \$16.00~~

~~If ductwork is added – add fee for ductwork as indicated in Schedule 4.~~

~~Chimney – installed with wood burning equipment \$15.00~~

~~Chimney – installed separately \$16.00~~

~~Solar equipment used in conjunction with primary distribution system (use Fee Schedule 4 based on ductwork installation cost).~~

~~Active Solar Collectors: \$.12 per square foot of Collector Area. Minimum fee \$50.00~~

(3) HVAC Certification Required.

A permit application submitted by the applicant will not be approved unless such individual holds a valid certification under Wis. Stat. Sec. § 101.178(3)(a), except that an application may be approved for HVAC work to be done by the owner in a single-family residence which they themselves occupy.

(4) Application for Permit to Install HVAC.

(a) Permit Applications and Permit Card.

1. The application for a permit shall be made on forms provided by the Building Inspection Division of the Department of Planning and Community and Economic Development. The applicant shall be a qualified installer.
2. The Heating, Ventilating and Air Conditioning Permit Card shall be posted in a conspicuous place near the heating plant before starting work and shall not be removed until the final heating inspection has been made and the installation does conform with the requirements of this code. The permit card for electric space heating shall be posted near the electric service panel before work is started and shall not be removed until the final heating inspection has been made and the installation does conform with the requirements of the code.

(b) Data Required as Part of the Permit Application. All drawings submitted for approval shall be accompanied by sufficient data and information for the Building Inspection Division of the Department of Planning and Community and Economic Development to determine if the capacity of the equipment and the performance of the equipment will satisfy the requirements of the ordinance. The following data shall be submitted.

1. Submit heat loss calculation in BTU per hour for each room to be heated.
2. Include calculations for ventilation requirements.
3. Submit one (1) or more copies of complete drawings. When the heating and ventilating drawings require approval of the Department of Safety and Professional Services, one (1) or more approved copies shall be submitted with the application.
4. Summation of heating and ventilating load requirements.
5. Installations shall be made to conform to approved drawings.
- 6.. Plot plan showing the location of the condensing unit for air conditioning.
7. For solar systems, furnish an estimate of the amount of energy in BTU's to be delivered by the system on an annual basis, which estimate shall be based on an "F" chart analysis or another method appropriate to the system considered, and collector performance data as is determined by a recognized testing lab.
8. For solar systems, furnish the collector tilt and azimuth angle and a solar path shading diagram for the proposed collector location indicating the shading between the hours of 9:00 A.M. and 3:00 P.M. CST for the entire year.
9. For solar systems, furnish a detailed drawing showing anchorage and bearing of collector supports.

(c) Design Standards. The heating and ventilating design shall conform to methods and standards approved by the Building Inspection Division of the Department of Planning and Community and Economic Development when not in conflict with the Department of Safety and Professional Services.

Note: The Building Inspection Division of the Department of Planning and Community and Economic Development will accept the method and standards recommended by American Society of Heating, Refrigeration, and Air Conditioning Engineers; National Warm Air Heating and Air Conditioning Association; Sheet Metal and Air Conditioning Association (SMACNA); and National Electrical Manufacturers' Association. (See Appendix No. 1 for acceptable standards).

1. Minimum design standards for all rooms in living quarters shall be seventy (70) degrees Fahrenheit except bathrooms, which shall be seventy-five (75) degrees Fahrenheit. The minimum outside design temperature shall be minus fifteen (-15) degrees Fahrenheit.
2. The total heat loss of a building including the basement shall be used in sizing heating units or electrical service for electrical space heating.
3. The proper "U" factors shall be selected and shall reflect the additional heat loss in areas located over unheated areas.

(d) Supplemental Permits. The license holder responsible for the work shall complete any supplemental permit mailed to them and return it to the Director of the Building Inspection Division prior to commencing work. Failure to return the supplemental permit prior to commencing work shall be deemed to be working without a permit.

(e) HVAC permits shall lapse and be void unless the work authorized thereby is commenced within six (6) months from, and completed within twenty four (24) months of the date issued. HVAC permits shall be eligible for an extension of a period of twelve (12) months from the date of expiration. HVAC permits shall be eligible for a maximum of two extensions. The fees for such extension shall be one half of the original permit inspection fee. Upon lapse of a permit a new permit must be obtained pursuant to all the requirements of the code then in force.

(5) HVAC Permit Fee Schedule.

(a) Fee Schedule

1. Penalty for failure to obtain a permit before starting work shall be double the fees. This shall be in addition to any other penalties provided elsewhere in this ordinance; in addition, a penalty of one hundred dollars (\$100) shall be assessed for each day that any work requiring a permit progresses without a permit, calculated from the date the stop work notification is delivered to either the property owner or the contractor performing the work, until the date a permit is obtained.
2. When an application is submitted for a property where only the shell of the property is to be completed, the fee will be calculated at 50% of the total fee for that particular fee group. When an application is submitted for construction of the interior of a building where the shell of the building has been previously granted a permit, the fees shall be based on the square footage of that space as a percentage of the entire square footage of the subject building and that fee shall be calculated at 50% of the total fee for that particular fee group.

<u>Project Type</u>	<u>Fees</u> <u>(Round up all fees to</u> <u>the next highest</u>

	<u>dollar)</u>	
<u>Group I – New Residential</u>	<u>\$.09 per sq. ft.</u> <u>Minimum Fee \$25.00</u>	<u>The use group shall include new construction and any additions to all single or two family residential buildings and to all commercial building space classified as R-2, R-3, or R4.</u>
<u>Group II – New Commercial Non Residential</u>	<u>\$.11 per sq. ft.</u> <u>Minimum Fee \$25.00</u>	<u>The use group shall include new construction and any additions to all commercial building space classified as A-1, A-2, A-3, A-4, A-5, B, E, H-1, H-2, H-3, H-4, H-5, I-1, I-2, I-3, I-4, M, or R-1.</u>
<u>Group III – New Industrial</u>	<u>\$.06 per sq. ft.</u> <u>Minimum Fee \$25.00</u>	<u>The use group shall include new construction and any additions to all commercial building space classified as F1, F2, S-1, S-2, or U and other buildings not classified in Groups I, II and IV.</u>
<u>Group IV</u>	<u>Alterations And Special Fees</u>	
<u>Alterations and repairs to existing structures</u>	<u>\$11.00 for each \$1,000 value or fraction thereof</u> <u>Minimum Fee \$25.00</u>	
<u>Replacement Heating Equipment</u>	<u>Equipment BTU Output Fee</u> <u>Up to 100,000 BTU</u> <u> \$25.00</u> <u>100,001 to 165,000 BTU</u> <u> \$50.00</u> <u>165,001 and greater BTU</u> <u> \$75.00</u>	<u>This fee applies to each replacement heating unit and does not include work performed on the distribution system beyond the plenums or beyond the immediate connections to the heating equipment. Work completed beyond the plenums or beyond the immediate connections to the heating equipment shall be billed according to cost of work. Fees for Roof Top Unit (RTU) replacements shall be billed based on the unit BTU output.</u>
<u>Air Conditioning Unit</u>	<u>\$25.00</u>	<u>The fee applies to any new or replacement air conditioning unit. This fee does not apply to temporary window units.</u>
<u>Ductless Split System or Wall Pack Unit</u>	<u>\$25.00”</u>	

3. Subsection (11) entitled, “Inspection” of Section 30.01 entitled “Administration” of Chapter 30 entitled, “Heating, Ventilating and Air Conditioning Code” is amended and renumbered to read as follows:

~~“(11) Inspection-~~

(6) All HVAC Work to be Inspected.

(a) It shall be unlawful for a person, firm, or corporation to construct, install, alter, or repair any heating, ventilating or exhaust system (and appurtenance), replace boiler and furnace, install stoker and conversion units in or for any building before securing a permit, except in cases of emergency the contractor may proceed with the work and file the application for a permit within twenty-four (24) hours (Sundays and City holidays excepted). A heating permit will not be required for the installation of electric baseboard or bathroom heaters when installed as auxiliary heat; that is, to supplement the existing heating system designed and installed to satisfy the load requirements of the space to be heated. The reference to appurtenances shall include direct heaters, cooling coils, central residential air conditioning (cooling) and similar devices affecting the safety or operation of the heating system.

~~(ab)~~ In any new building or addition, immediately upon completion of those portions of the installation which are thereafter to be concealed or covered, the heating contractor shall notify ~~the~~ a Heating, Ventilating and Air Conditioning Inspector on forms furnished by the Building Inspection Division of the Department of Planning and Community and Economic Development that said portions of the installations are ready for inspection; and it shall be unlawful for any person, firm or corporation to lath over, plaster or cover up any heating work before such work has been inspected and a rough inspection card posted. The Heating, Ventilating and Air Conditioning Inspectors shall have the right and authority to order the removal of all such lath, plaster, or other covering which may have been placed over such work as has not been inspected. The Heating, Ventilating and Air Conditioning Inspectors shall make inspections within two (2) working days after notice.

Final inspection on new installations is to be made upon completion of such work.

Inspection of repairs, replacement or conversion work is to be made upon completion of such work. The heating contractor shall notify ~~the~~ a Heating, Ventilating and Air Conditioning Inspector as soon as the installation is complete and ready for inspection. A heating contractor who calls for an inspection and the work is not completed may be assessed twenty-five dollars (\$25) per inspection. Pursuant to Section 29.1109, ~~Madison General Ordinances~~ MGOs, it is unlawful to occupy a building or permit a building to be occupied until final inspections have been made and a Certificate of Occupancy has been issued.

~~(bc)~~ Failure or neglect to comply with the provisions of the Heating, Ventilating and Air Conditioning Code and of the permit issued under this code shall be considered a violation of this code.

~~(ed)~~ The Department of Planning and Community and Economic Development shall keep an accurate account of all unpaid inspection fees incurred for inspection services rendered.~~If the fees are not paid within the specified time, the Department shall fail to renew the contractor's license.~~

4. Subsection (12) entitled “Signs on Vehicles” of Section 30.01 entitled “Administration” of Chapter 30 entitled “Heating, Ventilating and Air Conditioning Code” is amended and renumbered to read as follows:

~~“(427) Signs on Vehicles.~~ Every heating and air conditioning contractor vehicle in use for the sale or service of heating and air conditioning equipment in the City of Madison shall display a sign of 225 square inches. The company name letters shall be at least two inches high. Failure to comply will subject the company to penalties in ~~Madison General Ordinances~~ Section 30.01(~~459~~) MGO.

~~All existing legible vehicle signs will be allowed to remain as of the effective date of this ordinance.~~

5. Subsection (13) entitled "Compliance Inspection Fees" of Section 30.01 entitled "Administration" of Chapter 30 entitled "Heat, Ventilating and Air Conditioning Code" is renumbered as follows:

"(438) Compliance Inspection Fees."

6. Subsection (14) entitled "Penalty" of Section 30.01 entitled "Administration" of Chapter 30 entitled, "Heating, Ventilating and Air Conditional Code" is amended and renumbered to read as follows:

"(449) Penalty. Any person who shall violate any of the provisions of this chapter or who shall neglect or refuse to comply with a lawful order of the Director of the Building Inspection Division or ~~her/his~~ their designee, issued pursuant to the provisions of this chapter, shall be fined not less than \$10 nor more than \$100 for each and every violation thereof. Each day of violation shall constitute a separate offense. These penalties are pursuant to Wis. Stat. § 101.02(13), for building code violations.

Madison General Ordinances violations bear the following penalties for violations in a twelve-month period: First offense, fifty dollars (\$50) to three hundred dollars (\$300); second offense, three hundred dollars (\$300) to six hundred dollars (\$600); third offense, six hundred dollars (\$600) to one thousand dollars (\$1000). The offenses covered under this section are: Performing HVAC heating work without a license; performing HVAC heating work without a permit; failure to call for a HVAC heating inspection and failure to have a proper sign on vehicle."

7. Section 30.02 entitled "Definitions" of Chapter 30 entitled "Heating, Ventilating and Air Conditioning Code is amended to read as follows:

"Boiler. A closed vessel in which a liquid is heated or vaporized and built in conformance with the ~~A.S.M.E.~~ American Society of Mechanical Engineers Boile