

ARTICLE D

Mechanical Code

SEC. 15-1-70 HEATING, VENTILATING AND AIR CONDITIONING STANDARDS.

The Wisconsin Administrative Code, ILHR Chapters 23 and 64, and all amendments thereto, are hereby made a part of this Heating, Ventilating and Air Conditioning Code by reference and shall apply to all one (1) and two (2) family dwellings and alterations and additions thereto.

NOTE: Before proceeding with the construction, installation, erection, alteration or remodeling of any boiler, furnace, incinerator, wood burner, heat-producing apparatus, air-cooled, water-cooled or mechanically-cooled air conditioning or refrigeration system, storage tanks or other equipment pertaining to the use of flammable liquids, a permit shall be first obtained from the Building Inspector.

SEC. 15-1-71 UNDERGROUND TANKS (ABANDONED, OUT-OF-SERVICE); REMOVAL.

- (a) **TEMPORARILY OUT-OF-SERVICE.** Tanks shall be rendered "temporarily out-of-service" only when it is planned that they will return to active service at the location within ninety (90) days. The following steps shall be carried out successively:
 - (1) Removal of a flammable liquid which can be pumped out with a service pump.
 - (2) Cap or plug the fill line, gauge opening and pump suction, using appropriate sealing compound on pipe fittings. If fill line and gauge opening are equipped with caps which can be properly locked, the secure locking of these caps is sufficient.
 - (3) Leave the vent line open.
- (b) **ABANDONED TANKS.** Tanks which are no longer in service may be rendered "temporarily out-of-service" pending their removal in accordance with the procedure outlined in Subsection (e).
- (c) **LEAKING TANKS.** All tanks found to be leaking shall be removed as per Subsection (e).
- (d) **CHANGE IN USE.** Whenever there is a change in use of a premises which no longer requires the use of existing underground tanks, they shall be removed as per Subsection (e). This shall apply to all premises where the use has already changed and all future changes in use.
- (e) **REMOVAL OF TANKS.** Tanks shall be removed according to the following successive steps:
 - (1) Remove all flammable liquid from connecting lines and tank.

- (2) Disconnect and remove insofar as possible the suction, inlet, gauge and vent lines.
 - (3) Cap or plug open ends of remaining lines.
 - (4) Close all openings in the tank with pipe plugs before the tank is removed from the ground.
 - (5) Remove the tank from the premises within seventy-two (72) hours from the time the tank is uncovered.
- (6) Keep the tank tightly sealed with plugs or caps until it is removed from the premises and during transportation upon its removal.

SEC. 15-1-72 AIR CONDITIONING AND REFRIGERATION SYSTEMS.

(a) PERMIT REQUIREMENTS.

- (1) Except as hereinafter provided, before proceeding with the construction, erection or installation of any air-cooled, water-cooled or mechanically-cooled air conditioning or refrigeration system or unit in or to serve any building, a permit shall first be obtained from the Building Inspector.
- (2) Permits shall not be required for the installation of any air conditioning or refrigeration system or unit that does not use water for cooling and where the source of operating power is obtained by plugging in an electrical cord connection to an electrical outlet. This paragraph shall be applicable to portable units.
- (3) Application for a permit shall be made by the installing contractor upon a form provided by the Building Inspector, shall be filled out completely and shall provide the following information:
 - a. Name and address of contractor.
 - b. Location of premises where installation is proposed.
 - c. Name and address of owner.
 - d. Location of unit on premises, including distance to lot lines for exterior apparatus.
 - e. Manufacturer's identification, classification and size of unit.
 - f. Nature of coolant.
 - g. If water-cooled, source of water and method of discharging wastewater. (Refer to Plumbing Inspection Department.)
 - h. Where water conservation devices are required, manufacturers's name, identification, classification and size of equipment.
 - i. Such additional information as shall be required by the Building Inspector.

- (b) **EXTERIOR STRUCTURES.** Where any unit of an air conditioning or refrigeration system is located outside of the structure, said unit shall comply with setback requirements as set forth in the Zoning Code, and said location shall be subject to approval of the Building Inspector. Said location shall not, by noise or sight, be detrimental to adjoining property.

SEC. 15-1-73 DOMESTIC-TYPE INCINERATORS.

- (a) **INCINERATORS.** Domestic-type incinerators shall meet the requirements of the Wisconsin Administrative Code, Chapters NR 400 through 499. Said Department shall have approving authority for the equipment involved. Installation shall conform to the following requirements, unless superseded by the manufacturer's requirements.
- (b) **GAS BURNER CONNECTIONS.** Where a gas burner is used, a lever handle shut-off cock shall be provided before the union at an accessible location in the gas line at the rear of the burner. Incinerators furnished with means for automatic ignition of the gas at the main burner shall be equipped with a device which will automatically shut off the main gas supply in the event the means of ignition becomes inoperative or the means of keeping the valve of the device open becomes inoperative, or both.
- (c) **MOUNTING.**
 - (1) Domestic-type incinerators, except as hereinafter provided, shall be mounted on floors of fire-resistive construction with non-combustible flooring or surface finish and with no combustible material against the underside thereof. Such construction shall extend not less than twelve (12) inches beyond the incinerator base on all sides, except that at the front or side where ashes are removed, it shall extend not less than eighteen (18) inches beyond the incinerator.
 - (2) Domestic-type incinerators that are specifically approved for installation on a combustible floor may be mounted in accordance with the condition of such approval.
- (d) **MASONRY CHIMNEYS FOR INCINERATORS.**
 - (1) Masonry chimneys for domestic-type incinerators shall be constructed in accordance with the requirements for masonry chimneys. All flues shall terminate in a substantially constructed spark arrester with openings not greater than one-half (1/2) inch, or be provided with other suitable means for avoiding discharge of fly particles. Such screen shall be kept in repair at all times.
 - (2) Domestic-type incinerators shall be connected to a chimney suitable for solid fuel burning appliances.
- (e) **CLEARANCES.**
 - (1) Domestic-type incinerators, except as provided herewith, shall be installed to provide clearances between the unit and woodwork or other combustible material of not less than thirty-six (36) inches at the sides and top and not less than forty-eight (48) inches at the front and, in no case, shall the clearance above the charging door be less than forty-eight (48) inches.
 - (2) Domestic-type incinerators that are specifically approved for installation with clearance less than specified above may be installed in accordance with the conditions of such approval, provided that, in any case, the clearances shall be sufficient to afford ready accessibility for firing, clean out and any

necessary servicing, and with a minimum clearance of three (3) inches between the sides and combustible material.

- (3) Domestic-type incinerators may be installed in rooms, but not in confined spaces such as alcoves, with reduced clearances to woodwork or other combustible material, provided that the combustible material is protected with an approved protective material but in no case shall this clearance be less than three (3) inches to the protection.
- (f) **FLUE PIPES FOR INCINERATORS.**
 - (1) Domestic-type incinerator flue pipes, except as herein provided, shall be installed to provide clearance of not less than eighteen (18) inches to woodwork or other combustible material.
 - (2) Domestic-type incinerator flue pipes may be installed in rooms, but not in confined spaces such as alcoves, with reduced clearances to woodwork or other combustible material, provided the combustible material is protected with an approved protective material.
 - (3) Domestic-type incinerator flue pipes shall not pass through any combustible wall or partition unless protected at the point of passage in accordance with Section 15-1-70.
- (g) **REFUSE CHUTES.** Refuse chutes shall not feed directly into incinerators.

SEC. 15-1-74 THROUGH SEC. 15-1-79 RESERVED FOR FUTURE USE.