

Chapter 9.24

REGULATING GARAGES, SERVICE STATIONS

Sections:

- 9.24.010 Garages
- 9.24.020 Private Garage
- 9.24.030 Public Garage
- 9.24.040 Service Station
- 9.24.050 Repair Shop
- 9.24.060 Storage of Gasoline
- 9.24.070 Chemical Fire Extinguishers
- 9.24.080 Penalties

9.24.010 Garages. For the purpose of this ordinance garages are classed as follows: Private and public.

9.24.020 Private Garage. A private garage is one in which there shall be housed or kept not more than three self-propelled vehicles or automobiles:

(a) Gasoline in excess of 50 gallons, exclusive of that in the tanks of vehicles in storage, shall not be kept within any private garage. That quantity or less shall only be kept in a 50 gallon barrel, and said barrel shall be kept sealed with proper cap, and any quantity in excess of 50 gallons shall be kept only in a tank or tanks placed not less than three feet beneath the surface of the ground and approved by the chief of the fire department.

9.24.030 Public Garage. A public garage is any garage not heretofore defined. All public garages heretofore constructed must be maintained in a safe manner and in accordance with the regulations hereinafter provided. Any public garage hereafter to be constructed must be constructed in accordance with the rules and regulations of the National Board of Fire Underwriters on file in the office of the chief of the fire department. All public garages shall be kept clean and swept frequently.

9.24.040 Service Station. A service station is any place or building where gasoline is kept for sale, either wholesale or retail.

9.24.050 Repair Shop. A repair shop is defined as one wherein are kept cars or automobiles on which repairs are being made, or wherein any self-propelled vehicle is placed for the purpose of being washed, greased or oiled, or where any flammable liquid for fuel or power is kept or stored.

9.24.060 Storage of Gasoline. Except as hereinbefore provided, all storage of gasoline by any garage, service station or repair shop shall be in underground tanks, as follows:

(a) Storage tanks shall be buried so that the top of each tank shall be at least three feet below the surface of the ground and below the level of the lowest pipe in the building to be supplied. Tanks may be permitted underneath a building, if buried at least three feet below the lowest floor. Tanks shall be set on firm foundations and shall be surrounded by soft earth or sand wall, well tamped into place, or encased in concrete. A tank may have a test well, provided it extends to near the bottom of tank, and its top shall be hermetically sealed and locked, except when necessarily opened. When tank is located underneath a building its test well shall extend above source of supply. The limit of tanks storage capacity permitted shall depend upon the location of tanks with respect to the building to be supplied and adjacent buildings as follows:

- (1) Unlimited capacity if lower than a floor, basement, cellar or pit in any building within a radius of fifty feet.
- (2) 20,000 gallons total capacity if lower than any floor, basement, cellar or pit in any building within a radius of thirty feet.
- (3) 50,000 gallons total capacity if lower than any floor, basement, cellar or pit in any building within a radius of thirty feet.
- (4) 1,500 gallons total capacity if lower than any floor, basement, cellar or pit in any building within a radius of ten feet.
- (5) 500 gallons total capacity if not lower than any floor, basement, cellar or pit in any building within a radius of ten feet, in which case it shall be entirely encased in concrete.

(b) Except existing tanks in good condition, all tanks below ground as permitted by this ordinance shall be made of basic open hearth steel or wrought iron of minimum gauge, depending upon the capacity or size as given in the following table:

<u>CAPACITY</u>	<u>MINIMUM THICKNESS</u>
1 to 560 gallons	No. 14 BWG
560 to 1100 gallons	No. 12 BWG
1100 to 4000 gallons	No. 7 BWG
4000 to 15,500 gallons	1/4 inch
15,500 to 20,000 gallons	5/16 inch
20,000 to 30,000 gallons	3/8 inch

All tanks shall be riveted, welded or brazed and shall be soldered, caulked or otherwise made tight in a mechanical and workmanlike manner, and if to be used with a pressure discharge system shall safely sustain hydrostatic test of at least double the pressure to which each tank may be subjected. Top of each tank shall be securely fastened. Every tank shall be covered with rust-preventing paint or coating, All pipe connections shall be made through flanges, or reinforced metal, and made thoroughly tight.

(c) All underground storage systems, in which the tank shall contain flammable gases, shall have at least a 1 inch vent pipe running from top of tank to point outside building and acceptable to chief of fire department.

(d) All drawing-off pipes terminating inside of any building shall have valves at the discharge ends.

(e) The end of the filling pipe for every underground storage tank shall be carried to an approved location outside of any building, but not within five feet of any entrance, door, or cellar opening, and shall be set in an approved metal box with cover, which shall be kept locked except during filling operations; this filling pipe shall be closed by a screw cap. A 30 x 30 mes., or equivalent, brass screen strainer shall be placed in the supply end of the filling pipe.

(f) Liquids shall be drawn from tanks by pumps so constructed as to prevent leakage or waste splashing.

9.24.070 Chemical Fire Extinguishers. In every public garage, service station or repair shop two or more approved chemical fire extinguishers and at least two buckets of sand shall be kept convenient for quick use in case of fire.

9.24.080 Penalties. Any person, firm, corporation or company, who shall violate any of the provisions of this ordinance or who shall refuse or fail to comply with any requirements thereof or with any order or regulation thereof, or who shall direct or participate in the construction of any garage, except in accordance with the plans and specifications therefor filed and approved as hereinbefore provided, shall be liable to a penalty or fine of not exceeding one hundred dollars (\$100.00) for each offence. Each day or part thereof during which such violation, non-compliance or other offense continues, shall constitute a separate offense.

