

S-3, r. 2 - Regulation respecting safety in public buildings

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Section 44

Disposition versions

Full text

44. Heating oil tanks: No tank may be used under pressure to feed fuel-fired heating appliances.

(1) Heating oil tanks are permitted:

(a) inside buildings:

i. without enclosure, when:

(A) no more than 230 litres are stored above the basement or above the lowest floor;

(B) the tank is located in the basement and the capacity of such tank is 2,300 litres or less. In such a case, the total capacity permitted shall be 4,500 litres;

ii. with enclosure, when the capacity of the tank is greater than 2,300 litres. In such a case, the total capacity permitted shall be 55,000 litres;

iii. with enclosure and located in a room which is vertically and horizontally separated from the rest of the building by a fire separation with a fire-resistance rating of at least 2 hours, when the capacity of the tank does not exceed 90,000 litres. In such a case, the total capacity permitted is 180,000 litres;

(b) outside buildings and above ground level, in populous areas, when:

i. the tank does not obstruct any exit;

ii. the total capacity of such tanks does not exceed 2,300 litres when such tanks are located at ground level; or if

iii. the total capacity of such tanks does not exceed 230 litres per heating units when such tanks are located above basement level;

iv. such tanks are fastened by means of fixed anchors made of non-combustible materials;

(c) underground, when:

i. such tanks are laid upon solid foundations;

ii. embedded in running soil and not in dross;

iii. protected against damages that may result from the passing of vehicles;

iv. securely fixed to the foundations;

v. located so that no pressure be exerted by the foundations on such tanks.

(2) The enclosure required in subparagraphs ii and iii of paragraph a of subsection 1 shall:

(a) be made of bricks or concrete;

(b) have a fire-resistance rating of at least 3 hours;

(c) be fastened to the floor which shall be made of concrete or of fire resistant material;

(d) have a ceiling of reinforced concrete not less than 125 mm thick or of equivalent material;

(e) be of such dimensions as to provide a free space of at least 380 mm to allow people to circulate around such tank(s);

(f) be provided with a fire resistant door equipped with a self-closing mechanism;

(g) be properly lighted and ventilated.

(3) Ventilating pipes shall:

(a) lead outside;

(b) discharge not less than 600 mm, measured in any direction, from any opening of the building;

(c) be provided with a protector against bad weather;

(d) be located high enough above ground level not to be obstructed with snow or ice.

(4) The distance between a heat source and a non-enclosed tank shall be at least:

(a) 600 mm if the capacity of such tank does not exceed 45 litres;

(b) 1.5 m if the capacity of such tank exceeds 45 litres.

The oil temperature shall never rise higher than 14 °C above the temperature of the room.

R.R.Q., 1981, c. S-3, r. 4, s. 44; O.C. 88-91, s. 33.