

6. This Regulation replaces the Regulation respecting conditions and procedures for revoking the registration of a student in nursing (chapter I-8, r. 12).

7. This Regulation comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*.

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Gouvernement du Québec

O.C. 115-2013, 13 February 2013

Building Act
(chapter B-1.1)

Construction Code — Amendment

Regulation to amend the Construction Code

WHEREAS, under section 173 of the Building Act (chapter B-1.1), the Régie du bâtiment du Québec must by regulation adopt a building code containing, in particular, building standards for buildings, facilities intended for use by the public, and installations independent of a building or their vicinity;

WHEREAS, under section 176 of the Act, the code may require manufacturers to provide instructions regarding the assembly, erection, maintenance and inspection of materials, facilities and installations;

WHEREAS, under section 176.1 of the Act, the code may, with respect to the matters to which it applies, contain provisions concerning the subjects listed in section 185 of the Act;

WHEREAS, under section 178 of the Act, the code may require observance of a technical standard drawn up by another government or by an agency empowered to draw up such standards, and provide that any reference it makes to other standards include subsequent amendments;

WHEREAS, under paragraph 0.1 of section 185 of the Act, the Board may, by regulation, exempt from the application of the Act or certain of its provisions categories of persons, contractors, owner-builders, manufacturers of pressure installations, or owners of buildings, facilities intended for use by the public, installations independent of a building or petroleum equipment installations, and categories of buildings, pressure installations, facilities, installations or construction work;

WHEREAS, under paragraph 0.2 of section 185 of the Act, the Board may, by regulation, for the purposes of section 10, designate any facility as a facility intended for use by the public and establish criteria for determining whether or not a facility is intended for use by the public;

WHEREAS, under section 192 of the Act, the contents of the Construction Code may vary, in particular, according to the classes of persons, contractors, owner-builders, manufacturers of pressure installations, owners of buildings, facilities intended for use by the public, installations independent of a building or petroleum equipment installations, owners or operators of gas or petroleum product distribution undertakings and classes of buildings, pressure installations, facilities or installations to which the code applies;

WHEREAS the Board adopted the Regulation to amend the Construction Code;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), the draft Regulation to amend the Construction Code was published in Part 2 of the *Gazette officielle du Québec* of 24 August 2011 with a notice that it could be approved by the Government, with or without amendment, on the expiry of 90 days following that publication;

WHEREAS the comments received were examined;

WHEREAS, under section 189 of the Building Act, every regulation of the Board is subject to approval by the Government which may approve it with or without amendment;

WHEREAS it is expedient to approve the Regulation with amendments;

IT IS ORDERED, therefore, on the recommendation of the Minister of Labour:

THAT the Regulation to amend the Construction Code, attached to this Order in Council, be approved.

JEAN ST-GELAIS,
Clerk of the Conseil exécutif

Regulation to amend the Construction Code

Building Act
(chapter B-1.1, ss. 10, 12, 13, 14, 15, 173, 176, 176.1, 178, 179, 185, pars. 0.1, 0.2, 1, 2.1, 6.2, 6.3, 37 and 38, and s. 192)

1. The Construction Code (chapter B-1.1, r. 2) is amended by inserting the following after section 9.17:

“CHAPTER X BATHING PLACES

DIVISION I INTERPRETATION

10.01. In this Chapter, unless the context indicates otherwise,

(a) “accessory” means a water slide, a dry slide or any structure in or projecting into a bathing place; (*accessoire*)

(b) “wading pool” means an indoor or outdoor artificial pool with a water depth not exceeding 600 millimetres; (*pataugeoire*)

(c) “swimming pool” means an indoor or outdoor artificial pool having a water depth exceeding 600 millimetres; (*piscine*)

(d) “diving platform” means a horizontal rigid and non-flexible, stationary diving structure; (*plate-forme*)

(e) “deck” means the surface immediately surrounding a swimming pool, to which bathers have direct access when leaving the water. (*promenade*)

DIVISION II APPLICATION

10.02. The provisions of this Chapter apply to all construction work on a swimming pool or wading pool constructed in a building to which Chapter I of the Construction Code applies, or constituting a facility intended for use by the public designated by section 10.03 of this Regulation, and carried out on or after 1 April 2011.

10.03. For the purposes of section 10 of the Building Act (chapter B-1.1), the following are facilities intended for use by the public:

swimming pools and wading pools constructed and operated as bathing places, offered to the general public or a restricted group of persons;

outdoor swimming pools of an immovable used as a dwelling unit that has more than 8 dwelling units, a rooming house that has more than 9 rooms or a supervised residence used to shelter or accommodate more than 9 persons

(a) the area of which exceeds 100 m²; or

(b) that have a diving board.

DIVISION III SWIMMING POOLS

§1. Construction

10.04. The basin, deck, pipe-work and accessories of a swimming pool must be constructed with materials that are inert, non-toxic for humans, impermeable, durable and non-corrosive, with smooth surfaces that may easily be cleaned, unless otherwise indicated in this Chapter.

10.05. The basin of the swimming pool, taking its useful life into account, must

(a) be constructed in such a way as to have sufficient structural resistance and integrity to safely withstand all the loads, effects and other forces that may be reasonably expected;

(b) be designed to avoid resonance; and

(c) be waterproof, durable and smooth, without cracks, corners or sharp edges.

10.06. The walls of a pool must be vertical down to 150 millimetres from the bottom for the section that is between 750 millimetres and 1,400 millimetres deep, and vertical down to 75 millimetres from the bottom for the section that is less than 750 millimetres deep, except for the section occupied by stairs or a ladder.

10.07. The walls of a pool must be equipped with recessed fittings in the shallow end, at a minimum distance of 300 millimetres before the change in slope of the pool bottom from gentle to steep, to which a safety line supported by buoys can be attached to warn bathers of the change in slope.

10.08. The maximum slope of the pool bottom must be

(a) 300 millimetres vertically in 3.6 metres horizontally for a water depth less than 1,400 millimetres; and

(b) 300 millimetres vertically in 900 millimetres horizontally for a water depth between 1,400 millimetres and 2,000 millimetres.

10.09. A ladder or stairs must be installed

(a) in the shallow end of the pool if the difference in elevation between the bottom of the pool and the deck is greater than 600 millimetres; and

(b) on both sides of the deep end of the pool.

10.10. Swimming pool stairs have steps

- (a) with a uniform rise between 125 and 200 millimetres;
- (b) with a uniform tread of at least 250 millimetres;
- (c) with nosing in a contrasting colour; and
- (d) with a non-slip surface.

The stairs may not project into the pool.

10.11. A swimming pool ladder must have rungs

- (a) with a minimum length of 300 millimetres between the rails; and
- (b) with a non-slip surface.

10.12. Swimming pools must be surrounded by a deck adjacent to the top of the walls. The deck must

- (a) have a non-slip surface;
- (b) have a minimum clear width of 1.5 metres;
- (c) provide a clear passage of at least 900 millimetres behind a springboard, diving platform or accessory and its supporting structure;
- (d) provide a clear passage of at least 900 millimetres in front of or behind a structural column; and
- (e) be equipped with a guardrail having a height of 1,070 millimetres if a drop greater than 600 millimetres exists between the level of the deck and the level of the adjacent surface.

Despite the first paragraph, in the section of the pool where the water is 1,400 millimetres or less in depth, there may be a deck along one side of the pool only, provided that no point in the pool is further than 3.6 metres from the edge of the deck.

10.13. The submerged surfaces of the pool must be white or a pastel colour, except for the markings indicating swimming corridors.

Basins used exclusively for underwater diving may be another colour.

10.14. The markings for swimming corridors must be a contrasting colour, no more than 250 millimetres wide and placed in a single direction.

10.15. The water depth must be clearly marked on the deck in letters at least 100 millimetres high, in a contrasting colour, on each side of the basin and opposite

- (a) the deepest point;
- (b) the change in slope between the gentle and steep bottom slopes; and
- (c) the shallow end.

10.16. A black circle 150 millimetres in diameter must be placed at the deepest point of the swimming pool.

10.17. A “no diving” sign must be placed on the deck, using a pictogram or letters at least 100 millimetres high, in the section where the water depth is 1,400 millimetres or less.

10.18. A swimming pool may be constructed with a slope towards the centre from the deck and such pool is not subject to sections 10.06 to 10.13, 10.15 and 10.16, provided that

- (a) the bottom is covered with a rigid white or pastel finish;
- (b) the maximum slope of the bottom is 300 millimetres vertically in 3.6 metres horizontally;
- (c) the water depth does not exceed 1.8 metres;
- (d) the entire pool is surrounded by a deck that is at least 3 metres wide;
- (e) the bottom of the pool is marked, along its length, with a broken black line 250 millimetres wide; and
- (f) there is no diving platform, springboard or accessory.

§2. Water treatment

10.19. The water supply and recirculation system for a swimming pool must be separated from the drinking water system by a shut-off valve and backflow preventer, in accordance with the provisions of Chapter III “Plumbing” of this Code.

10.20. The devices in the filtration system, overflows and floor drains in the deck must be connected indirectly to the drainage system in accordance with the provisions of Chapter III “Plumbing” of this Code.

10.21. Pipes, fittings, joints and filtration equipment in the water recirculation system of a swimming pool must be designed to resist at least 1½ times the maximum rated operating pressure.

10.22. The water recirculation system of a swimming pool must be designed to avoid trapping any swimmer who comes into contact with a drain or suction outlet. The system must be equipped, for each pump, with

(a) at least 2 drain or suction outlets at least 1 metre apart;

(b) a device to limit the water flow through the openings in each outlet to the maximum prescribed by the drain cover manufacturer;

(c) an emergency shut-off easily accessible to swimmers at a clearly indicated location; and

(d) drain or suction outlets covered by drain covers that comply with the standard “Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances”, ASME 112.19.8 M, and designed so that bathers cannot remove them without tools.

§3. *Lighting and access*

10.23. An outdoor pool used after sunset or an indoor pool must have

(a) a lighting system which illuminates the underwater areas of the pool and also illuminates all parts of the deck and water surface with an illumination level of at least

i. 30 decalux, for an indoor swimming pool; and

ii. 10 decalux, for an outdoor swimming pool; and

(b) an emergency lighting system supplied by a generator or a recharging battery with an automatic relay to illuminate the bottom of the pool, the deck and the changing room for an average illumination of at least 1 decalux at floor level, the steps and water surface in case of a failure of the electric lighting power supply. Any self-contained emergency lighting units must comply with CSA Standard CSA C22.2 No. 141-M, “Unit Equipment for Emergency Lighting”.

10.24. A swimming pool must be designed in such a way as not to be accessible to the public outside opening hours. The enclosure used for that purpose must have a minimum height of 1.20 metres and have no fixture, projection or opening enabling it to be climbed. It may, however, have openings provided that a spherical object of 100 millimetres in diameter cannot pass through them or, in the case of a chain link fence, that each link measures no more than 38 millimetres.

10.25. When the deck of the swimming pool is adjacent to an area used for purposes other than bathing, an enclosure with a minimum height of 900 millimetres must separate the deck from that area. The enclosure used for that purpose must have no fixture, projection or opening enabling it to be climbed. It may, however, have openings provided that a spherical object of 100 millimetres in diameter cannot pass through them or, in the case of a chain link fence, that each link measures no more than 38 millimetres. The enclosure must be equipped at each entrance with a lockable barrier.

§4. *Springboards, platforms and accessories*

10.26. The installation of a springboard or diving platform must comply with the minimum dimensions indicated in the table in Schedule III. The reference point when measuring is the plummet or vertical line passing through the centre of the end of the springboard or diving platform.

10.27. A springboard, diving platform or accessory

(a) must be accessible only by stairs or a ladder; and

(b) must have a walking surface designed with a non-slip finish, and the nosing of the springboard or diving platform must be in a contrasting colour.

10.28. A springboard, diving platform or accessory that is 3 metres high or more may only be accessible by stairs equipped with a lockable barrier to control access at the deck level.

10.29. The part of a springboard, diving platform or accessory that is not over water and that is 1 metre high or more must be equipped, on both sides, with a guard-rail that prevents bathers from passing through but allows them to be seen by the safety supervisors.

10.30. The ladder of a springboard, diving platform or accessory must

(a) have rungs of a minimum length of 300 millimetres between the rails; and

(b) have rungs with a non-slip surface.

The part of the ladder above a height of 1 metre must be equipped with handrails that comply with paragraphs *a* and *b* of section 10.33.

10.31. The stairs of a springboard, diving platform or accessory must have steps

- (a) with a uniform rise between 125 and 200 millimetres;
- (b) with a tread between 210 and 355 millimetres;
- (c) with a uniform depth between 235 and 355 millimetres;
- (d) with nosing in a contrasting colour; and
- (e) with a non-slip surface.

Each flight of stairs must have a vertical height of not more than 3.7 metres and be equipped, between each flight, with a landing of a length and width at least equal to the width of the stairs.

The stairs of a springboard, diving platform or accessory that is 1 metre high or more must be equipped with a guardrail and a handrail.

10.32. The guardrails must

- (a) not have any opening allowing a spherical object of over 100 millimetres in diameter to pass through;
- (b) have a height of at least
 - i. 1,070 mm in the part of a springboard, diving platform or accessory that is not over water and that is 1 metre high or more;
 - ii. 920 mm measured vertically to the top of the guardrail from a line drawn through the outside edges of the stair nosings;
 - iii. 1,070 mm around the landings.

10.33. The handrails must

- (a) be not more than 40 millimetres in diameter;
- (b) be continuous with the handrail around all horizontal areas; and
- (c) have a minimum height between 865 and 965 millimetres on stairs.

10.34. A swimming pool equipped with a diving platform exceeding 3 metres in height must be designed exclusively for diving or, to delimit the diving area, be equipped with a rigid barrier or recessed fittings to which a double safety line supported by buoys can be attached, the two lines being at least 300 millimetres apart. The minimum distance between the pool wall under the diving platform and the double safety line or rigid barrier must be as indicated in the following table:

Height of the diving platform	Distance from the pool wall
m	m
5	11.5
7.5	12.5
10	15

10.35. A device to agitate the surface water must be installed in order to allow divers to distinguish the water surface under diving installations of 3 metres or more.

10.36. The surface of a submersible platform must be free of cracks and corners, have a non-slip finish and be of a contrasting colour.

DIVISION IV WADING POOLS

10.37. The submerged area of a wading pool must be white or of a pastel colour. The bottom of the wading pool must have a non-slip surface.

10.38. Sections 10.04, 10.05 and 10.19 to 10.25 apply to wading pools, adapted as required.

Despite the first paragraph, section 10.24 does not apply to a wading pool that is emptied before the supervisor leaves.

DIVISION V OFFENCES

10.39. Every contravention of any of the provisions of this Chapter constitutes an offence.”.

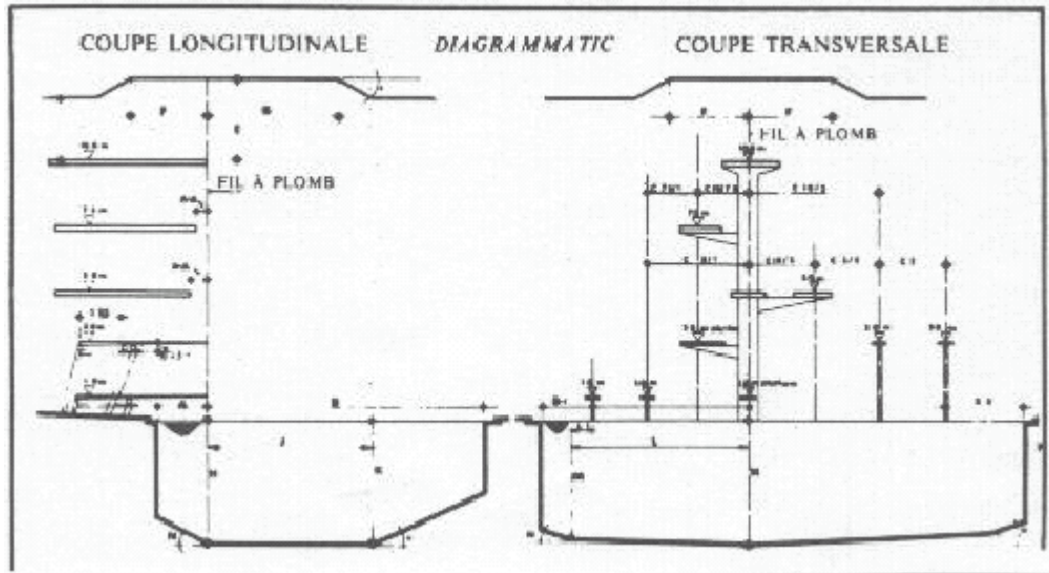
DIVISION VI TRANSITIONAL AND FINAL

2. Despite section 1, the Regulation respecting safety in public baths (chapter B-1.1, r. 11) may be applied to the construction of a bathing place or its transformation, as defined in the Chapter provided that the work has begun before the eighteenth month of the date of coming into force of this Regulation.

3. This Regulation comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*.

SCHEDULE III

(s. 10.26)

MINIMUM DIMENSIONS OF SPRINGBOARD AND DIVING PLATFORM INSTALLATIONS

	Springboard			Diving platform				
	≤ 0.5 m	0.5 m < h ≤ 1 m	3 m	1 m 0.6 m in width	3 m 0.6 m in width	5 m 1.5 m in width	7.5 m 1.5 m in width	10 m 2.5 m in width
A. From plummet to pool wall behind	1.50	1.50	1.50	1.25	1.25	1.50	1.50	1.50
AA. From plummet back to plummet for platform below						0.75	0.75	0.75
B. From plummet to side pool wall	2.50	2.50	3.50	2.30	2.90	4.25	4.50	5.25
C. From plummet to adjacent plummet	2.40	2.40	2.60	1.95	2.10	5/3 2.50 m 5/1 2.50 m	7.5/5 2.50 m 7.5/3/1 2.50 m	10/7.5/5 2.75 m 10/3 or 1 2.75 m
D. From plummet to pool wall ahead	9.00	9.00	10.25	8.00	9.50	10.25	11.00	13.50
E. From plummet to ceiling above	5.00	5.00	5.00	3.50	3.50	3.50	3.50	5.50
F. Clearance above, behind and to each side of plummet	2.50	2.50	2.50	2.75	2.75	2.75	2.75	2.75
G. Clearance above and ahead of plummet	5.00	5.00	5.00	5.00	5.00	5.00	5.00	6.00
H. Depth of water at plummet	3.05	3.50	3.80	3.40	3.60	3.80	4.50	5.00
J/K. Distance and depth ahead of plummet	at a distance of 4.60 minimum depth of 2.90	at a distance of 6.00 minimum depth of 3.40	at a distance of 6.00 minimum depth of 3.70	5.0 dist. 3.30 depth	6.00 3.50	6.00 3.70	8.00 4.40	12.00 4.75
L/M. Distance and depth to each side of plummet	at a distance of 2.50 minimum depth of 3.40	at a distance of 2.50 minimum depth of 3.40	at a distance of 3.25 minimum depth of 3.70	2.05 3.30	2.65 3.50	4.25 3.70	4.50 4.40	5.25 4.75
N. Maximum angle of slope to reduce pool depth beyond area of required depth	30 degrees	30 degrees	30 degrees		30 degrees			
P. Maximum angle of slope to reduce ceiling height beyond area of required clearance	30 degrees	30 degrees	30 degrees		30 degrees			

The dimensions indicated in rows B and C of the table in Schedule III apply to diving platforms having the width indicated in the table. For diving platforms of greater width, the dimensions must be increased by one-half of the extra width.