

Submission Requirements

Swimming Pools, Spray Pools, Hydrotherapy Pools and Wading Pools

The following will assist you in submitting a complete submission and, therefore, ensuring that your application is processed in a timely manner.

Submission can be made by either of the following:

1. submission of engineered plans by the pool owner(s); or,
2. submission of engineered plans by engineer or architect on behalf of the owner(s)

Submission **must** include:

1. three complete sets of construction plans and specifications;
2. three complete "Swimming Pool Data Sheets" for each pool;
3. legal owners name and mailing address;
4. civic address for the proposed pool; and,
5. **all** drawings, data sheets and specifications are to be **signed and sealed** and dated by a
6. professional engineer or architect registered to practice in British Columbia.

Other Miscellaneous Pool Requirements:

1. Where diving is not permitted, "No Diving" markings shall be provided on the pool deck in a colour contrasting with the background, at a minimum of four locations around the pool edge, in 4 inch (10 cm) minimum height lettering, non-slip material and located along each side of the pool. Markings can either be lettering stating "NO DIVING" or other alternatives such as basic language information symbols.
2. There must be at least one skimmer device for each 25 to 40 Imperial gallons per minute (Igpm) of the design flow rate (Sec. 42(2)). The range of flow (25- 40 Igpm) differs from the current **Regulations** (25 Igpm) but the range was contained in the previous version of the **Regulations** and was removed as a result of a typographical error. The range has been retained by the Public Health Engineer's office as acceptable policy.
3. The rate of filtration is limited to 12.5 Igpm/ft² (Sec. 49).

4. There must be two or more main drains installed. The drains shall be a minimum of 1.82 m apart (or separated as much as practical in smaller pools), shall be connected in parallel and shall not permit any drain to be individually valved-off. A single drain creates a single line of suction and is not permitted.
5. All pools must have an effective barrier surrounding the pool. The entrances to the swimming pool area must have self-closing, self-latching mechanisms 1.37 m (54 inches) or more from the ground. If the latching mechanism is provided at any lower height, the latching mechanism shall be of a type remaining continuously locked and only opening with the use of a key or other access control system. The self-closing and self-latching mechanisms are to be specified for all interior and exterior pool access doors or gates (Sec. 18, 73). The effective barrier must be a minimum of 1.5 m in height. The barrier must not be easily climbable (Sec. 18).
6. If competition style diving boards are being used, the pool basin must meet the FINA standards for diving.
7. All metal and electrical equipment in and around the pool shall be bonded in accordance with Section 68 of the Canadian Electrical Code.
8. Decking material such as wood, exposed aggregates, interlocking paving stones, linoleum, etc., are not permitted.
9. Where the junction between the pool wall and floor is curved, the maximum radius of curvature shall be 15 cm (6 inches) for depths less than 1.22 m (48 inches) and shall be equal to or less than the depth minus 1.07 m (42 inches) for depths over 1.22 m (48 inches).
10. For deck-level pools (as compared to gutter pools with substantial in-pool freeboard), a minimum of 3 ft3 of surge capacity shall be provided for each bather (s. 40).

All submissions must comply with the ***Swimming Pool, Spray Pool and Wading Pool Regulations*** (B.C. Reg. 289/72 including amendments). Copies of the ***Swimming Pool, Spray Pool and Wading Pool Regulations*** are available from Crown Publications Inc. 521 Fort Street, Victoria, BC V8W 1E7; Phone (250) 386-4636 – Fax (250) 386-0221, or can be viewed at www.qp.gov.bc.ca

All submissions for Vancouver Island must be made directly to:

Regional Public Health Engineer
Vancouver Island Health Authority
3rd Floor 6475 Metral Drive
Nanaimo, BC V9T 2L9
Phone: (250) 755-6299 Fax: (250) 755-3372