

Information Requirements supporting the Application for Construction Permit

Pursuant to the *Pool Regulation*, the person applying for the construction permit shall ensure the attached Pool Information Sheets are duly completed by the design architect who is registered or licensed under the Architects Act or the design engineer who is registered or licensed as a professional engineer under the Engineers and Geoscientists Act (the “design professional”). This information will be considered as statements of fact to support the health officer’s evaluation and decision to issue a construction permit under the *Pool Regulation* s.5(3).

The person applying for the construction permit shall ensure that all related plans and specifications for the construction as prepared, sealed and certified by an architect or engineer are submitted with this application package. A person must not construct the pool other than in accordance with the plans and specifications submitted with this application, unless prior written approval is obtained from a health officer.

The Pool Owner, or their authorized agent, must sign the declaration in this Application for Construction Permit, confirming the pool will be constructed in accordance with the plans and specifications accompanying this Application for Construction Permit.

Additional note – Operating Permit Requirements. Once constructed, an operating permit will be required prior to operating the pool. As part of the information package supporting the application for an operating permit, a signed statement from an engineer or architect must be submitted confirming that the pool has been constructed so as to substantially comply, in all material respects, with the plans and specifications submitted in support of this Application for Construction Permit.



Application for Construction Permit

pursuant to the Pool Regulation

| Application Type: | |
|---|--------------------|
| New Pool <input type="checkbox"/> Architectural Change <input type="checkbox"/> Structural Change <input type="checkbox"/> Mechanical Change <input type="checkbox"/> New Owner <input type="checkbox"/> | |
| Name of Pool | Date (dd/mmm/yyyy) |
| Street Address | |
| Contact Information: Owner or Agent | |
| Name | |
| Address | |
| Phone Number | Email |
| Contact Information: Person Applying for Construction Permit (if different from Owner) | |
| Name | |
| Address | |
| Phone Number | Email |
| Owner's Confirmation of Commitment | |
| <p>I, _____ as owner of the above noted pool, confirm that it will be constructed in accordance with the information contained herein and according to the plans and specifications submitted with this Application for Construction Permit. No changes to the pool plans and specifications will be made unless they have been authorized in writing by the design professional and with written approval from a health officer.</p> <p>Furthermore, I understand that upon completion of the pool's construction, I must provide the _____ Health Authority with the following documentation before an Operating Permit for the pool can be considered:</p> <ul style="list-style-type: none">▪ A signed statement from an engineer or architect that the pool has been constructed so as to substantially comply, in all material respects, with the plans and specifications submitted under this Application for Construction Permit.▪ A copy of a completed Swimming Pool Data Sheet providing detail of the pool as constructed.▪ A copy of the pool safety plan prepared in accordance with s.13 of the <i>Pool Regulation</i>. | |
| Signature of Owner or Authorized Agent | Date (dd/mmm/yyyy) |

| General Information | | | |
|--|---|---|---|
| Name of Pool: | | | |
| Civic Address: | | | |
| POOL TYPE: | Public Pool <input type="checkbox"/> | Commercial Pool <input type="checkbox"/> | Hot Tub <input type="checkbox"/> Spray Pool <input type="checkbox"/> Wading Pool <input type="checkbox"/> |
| | | | Indoor: <input type="checkbox"/> Outdoor: <input type="checkbox"/> |
| Owner Information | | | |
| Name (Legal Corporate): | | | |
| Address: | | | |
| Phone Number: | | Email: | |
| Designer Information (Append additional information for multiple designers): | | | |
| Name: | | | PEng: <input type="checkbox"/> Arch: <input type="checkbox"/> |
| Company (Legal Corporate): | | | |
| Address: | | | |
| Phone Number: | | Email: | |
| General Pool Design Parameters | | | |
| Pool Volume: (m ³) | Turnover: (hours) | Design Recirculation Flow Rate: (m ³ /h) | |
| AREAS: (m ²) | Pool: _____ Deck: _____ | WATER DEPTH: (m) | Min. _____ Max. _____ |
| MAX BATHING LOAD: | Shallow: _____ | Deep: _____ | Total: _____ |
| POOL BASIN COLOUR: | Colour: _____ | Complies with Pool Regulation Y <input type="checkbox"/> N <input type="checkbox"/> | |
| FILTERS: | Sand <input type="checkbox"/> D.E. <input type="checkbox"/> Pressure <input type="checkbox"/> Vacuum <input type="checkbox"/> Gravity <input type="checkbox"/> | NSF Approved Y <input type="checkbox"/> N <input type="checkbox"/> | |
| GAUGES: | Pressure <input type="checkbox"/> Vacuum <input type="checkbox"/> Thermometers <input type="checkbox"/> Free Chlorine <input type="checkbox"/> pH <input type="checkbox"/> ORP <input type="checkbox"/> | | |
| FLOW INDICATOR: | Make & Model _____ | RANGE: (m ³ /h) | From: _____ To: _____ |
| DISINFECTION: | Hypochlorite <input type="checkbox"/> Chlorine Gas <input type="checkbox"/> Stabilized Chlorine <input type="checkbox"/> Bromine <input type="checkbox"/> Other <input type="checkbox"/> | | |

Health Hazard Related Design Parameter Checklist

Application for Pool Construction Permit

| Health Hazard Related Design Parameter Reference to Pool Regulation (PR) and B.C. Guidelines for Swimming Pool Design (GSPD) | Complies with Pool Reg. or GSPD | Initials |
|--|---|----------|
| The plans include a fence or other barrier around the pool and its walkways with controlled access to prevent access by animals and persons who are not pool patrons. This provision does not apply to spray pools or wading pools that are planned to be drained before dark and left empty overnight. PR s.(7) | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a | |
| The pool design provides for the pool water to be maintained at a temperature of no more than 37°C. PR s.10(2)(b) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| Disinfection equipment is designed to be capable of maintaining disinfection levels in accordance with the Pool Regulation PR s.10(2)(f) & s.10(2)(g) & Schedule 3, sec 1(2) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool circulation system is designed so that pool water will not pass through any drain grate at a speed greater than 0.46 m/s when the pool is operating at the design flow rate. PR s.10(2)(k) or waiver obtained under s.10(3) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool design allows for water to be circulated through the skimmers or gutters at a rate of flow at least equal to 50% of the design flow rate. PR s.10(2)(j) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool circulation system is designed so the water circulation rate (pool turnover) will comply with the GSPD. GSPD – General Circulation Requirements | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool design complies with the Pool Regulation and the GSPD for the prevention of entrapment or suction hazards. PR s.10(2)(k) or waiver obtained under s.10(3); GSPD – Suction & Entrapment Hazards | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool design allows for sufficient lighting so that all areas are visible to pool patrons, lifeguards, and operators. PR s.11(2)(a) ; GSPD - Lighting | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a | |
| <p>All pool aprons, walkways and floors have a surface that is slip-resistant when wet, and slopes away from the pool such that, when the aprons, walkways and floors are wet, water does not accumulate or flow back into the pool PR s.11(2)(c)</p> <p>The friction coefficient of tiled surfaces specified for installation in and around the pool is _____, and will meet best practice guidelines referenced in the GSPD with respect to being non-slip when wet. GSPD (ASTM Test Standard 1028-96)</p> | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The design requires that the nose of any step or ledge in the pool is marked in a contrasting colour to the remainder of the step or ledge PR s.11(2)d | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The design provides for handrails at steps, ladders and diving boards are secure. PR s.11(2)(e) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The design includes pool depth markings in accordance with the requirements of the Pool Regulation PR s.11(2)(f) | <input type="checkbox"/> Y <input type="checkbox"/> N | |

Health Hazard Related Design Parameter Checklist

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| Health Hazard Related Design Parameter | Complies with Pool Reg. or GSPD | Initials |
|---|---|----------|
| Reference to Pool Regulation (PR) and B.C. Guidelines for Swimming Pool Design (GSPD) | | |
| The design includes controls that will allow for regulating hot water temperature in pool facilities such as showers to no more than 49°C. PR s.11(2)(g) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The pool design provides for, where applicable, hot tub water to be maintained at a temperature of no more than 40°C. PR s.16(b) | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a | |
| The filters are designed to provide proper filtration of the water at maximum flow rates as per the GSPD. GSPD - Filtration | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| The design incorporates a pool basin surface, that when filled with water, will be light in color and have a light reflectance value of at least 60%, measured according to ASTM C609-07 standard as per the requirements of the Pool Regulation and the GSPD. PR s.3(a); GSPD – Pool Basin | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| All diving boards and poolside play equipment are designed and located in accordance with applicable standards referenced in the GSPD. GSPD (reference to CSA Standard CAN/CSA-Z614-M98) | <input type="checkbox"/> Y <input type="checkbox"/> N | |
| Testable backflow prevention devices will be installed in all areas necessary to prevent cross contamination between the potable water supply, pool water and wastewater lines. GSPD (AWWA Canadian Cross Connection Control Manual) | <input type="checkbox"/> Y <input type="checkbox"/> N | |

Design Professionals

The design professional responsible for each component noted in the Health Hazard Related Design Parameter Checklist above shall initial each row as a confirmation to a statement of fact and fill in the information in the table below.

| Design Professional Name | Engineer or Architect | Company | Initial |
|--------------------------|-----------------------|---------|---------|
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