

SOLAR HOT WATER READY REGULATION

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Definitions

- 1 In this regulation, the terms in *italics* have the same meaning as in the 2006 British Columbia Building Code.

Application

- 2 This regulation is applicable in the following local government jurisdictions:
 - (a) Cariboo Regional District;
 - (b) City of Campbell River;
 - (c) City of Chilliwack;
 - (d) City of Colwood;
 - (e) City of Craubrook;
 - (f) City of Dawson Creek;
 - (g) City of Duncan;
 - (h) City of Fernie;
 - (i) City of Fort St. John;
 - (j) City of Kelowna;
 - (k) City of New Westminster;
 - (l) City of North Vancouver;
 - (m) City of Richmond;
 - (n) City of Pitt Meadows;
 - (o) City of Port Coquitlam;
 - (p) City of Port Moody;
 - (q) City of West Vancouver;
 - (r) Corporation of Delta;
 - (s) Cowichan Valley Regional District;
 - (t) District of Invermere;
 - (u) District of Maple Ridge;
 - (v) District of Metchosin;
 - (w) District of North Vancouver;
 - (x) District of Peachland;
 - (y) District of Sparwood;
 - (z) District of Tofino;

- (aa) Greater Vancouver Regional District;
- (bb) Municipality of North Cowichan;
- (cc) Resort Municipality of Whistler;
- (dd) Squamish Lillooet Regional District;
- (ee) Town of View Royal;
- (ff) Township of Esquimalt;
- (gg) Township of Langley;
- (hh) Village of Ashcroft;
- (ii) Village of Kaslo;
- (jj) Village of Midway.

Solar collectors for a solar domestic hot water system

- 3 (1) Subject to subsection (2), 2 conduit runs and an area that
- (a) is not less than 9.3 square meters,
 - (b) has no dimension less than 2.7 meters, and
 - (c) is designated for future installation of solar collectors for a solar domestic hot water system in compliance with CAN/CSA-F383-87
- must be incorporated in construction of new *buildings of residential occupancy* that contain
- (a) one *dwelling unit*, or
 - (b) one *dwelling unit* and one *secondary suite*.
- (2) Subsection (1) does not apply with respect to new construction referred to in that subsection if the local government of the jurisdiction to which this regulation applies and within which the new construction is to occur is satisfied that *building site conditions* do not permit effective use of solar hot water heating.

Structural requirements

- 4 Structural members of areas referred to in section 3 (1) must be designed to accommodate the greater of the following:
- (a) the anticipated load;
 - (b) a load of 0.2 kpa in addition to design loads required by the British Columbia Building Code.

Conduit runs

- 5 (1) Two straight, continuous, conduit runs must be provided that extend from the area directly adjacent to the *building's primary service water heater* to
- (a) an accessible attic space adjacent to the roof area designated for installation of solar collectors for a solar domestic hot water system,
 - (b) the roof area designated for installation of solar collectors for a solar domestic hot water system, or
 - (c) the exterior wall surface directly adjacent to the area designated for installation of solar collectors for a solar domestic hot water system.

- (2) Conduit runs described in subsection (1) must
- (a) be accessible at both ends,
 - (b) be capped or sealed at both ends to prevent water ingress and air leakage,
 - (c) be identified by markings that are permanent, distinct and easily recognized,
 - (d) have a minimum inside diameter of 50 mm, and
 - (e) be able to accommodate the installation of insulated plumbing services for a solar domestic hot water system in compliance with CAN/CSA-F383, Installation Code for Solar Domestic Hot Water Systems, as referred to in the British Columbia Building Code.