

July 24, 2018

To: Victoria City Council

Re: Background Information on Domestic Hot Water Delivery and Consumer Safety

The BC Government mandates that hot water delivered to a shower / tub must not exceed 49 degree C. The 2012 BC Plumbing code, in article 2.2.10.7. Water Temperature Control, has 3 subsections outlining the type of tap to be used and a 4th subsection stating:

"4. The temperature of water discharging into a bathtub shall not exceed 49 deg C"

In an appendix to this article, the Code further states:

"Hot water delivered at 60°C will severely burn human skin in 1 to 5 seconds. At 49°C, the time for a full thickness scald burn to occur is 10 minutes. Children, the elderly and persons with disabilities are particularly at risk of scald burns. Compliance with Article 2.2.10.7. will reduce the risk of scalding in showers and bathtubs, and reduce the risk of thermal shock from wall-mounted shower heads."

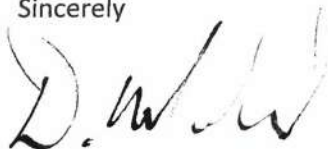
The temperature of water delivered to other taps is not regulated.

The Government of Canada recommends that the temperature at all taps not exceed 49 deg C.

BC Hydro makes the same recommendation.

BC Housing, in residences that it owns (through the PHRC) mandates that the temperature at all taps not exceed 49 deg C.

Sincerely

A handwritten signature in black ink, appearing to read 'D. Macdonald', written in a cursive style.

David Macdonald