
TECHNICAL MEMO – PLUMBING REQUIREMENTS

This Notice is to inform all stakeholders that the City of Kamloops Building Inspection Section is making changes that will affect what we are enforcing at requested inspections. The following is a list of the changes and their effective dates of implementation:

1. Thermal expansion tanks/Thermal expansion relief valves

- a. Although part of the 2018 BC Plumbing Code, the installation of thermal expansion protection has not previously been enforced. As this protection forms a crucial part within the plumbing system, we will now be making their installation mandatory where required by the current edition of the BC Plumbing Code.

- i. 2018 BC Plumbing Code

2.6.2.11 Thermal Expansion

- 1. Protection against thermal expansion shall be required when a check valve is required by Article 2.6.1.5, a backflow preventer by Article 2.6.2.6, or a pressure-reducing valve by Article 2.6.3.3.
- b. The implementation date is effective January 1, 2023.

2. Condensate neutralizers

- a. The installation of neutralizing and dilution has not been previously enforced. As this protection forms a crucial part within the plumbing system, we will now be making their installation mandatory where required by the current edition of the BC Plumbing Code.

- i. 2018 Plumbing Code

2.4.4.4 Neutralizing and Dilution Tanks

- 1. Where a fixture or equipment discharges corrosive or acid waste, it shall discharge into a neutralizing or dilution tank that is connected to the sanitary drainage system through
 - a) a trap, or
 - b) an indirect connection
 - 2. Neutralizing and dilution tanks shall have a method for neutralizing the liquid.
- b. The implementation date is effective January 1, 2023.

Key Changes:

To comply, builders must work with their specific plumbing contractors to ensure that thermal expansion tanks are installed **PRIOR** to city staff attending site to conduct an Interim Occupancy (Partial), Occupancy or Final inspection.

To comply, builders must work with their specific plumbing contractors to ensure that Neutralizing and Dilution tanks are installed **PRIOR** to city staff attending site to conduct an Interim Occupancy (Partial), Occupancy or Final inspection.

*All requested documents can be submitted via email to buildingpermits@kamloops.ca
Have questions? We're here to help. Please contact the Building Inspection Section at
250-828-3554 or building@kamloops.ca for more information.*