

Identification of document.

VARIANCE

Date of Issue.

May 21, 2008

Authority Under which the variance is being issued

Under the authority of the *Safety Codes Act*, Chapter S-1 Section 38(1).

Where the variance applies.

This Variance applies throughout the Province of Alberta

Details of Variance

**NPC 2005
Division A, Part 1
1.2.2.1. (1)**

Stainless Steel pipe and pipe fittings for use as an alternate material for potable water systems is acceptable for installation in Alberta as part of a plumbing system subject to the following:

TERMS AND CONDITIONS:

1. Stainless Steel Water Pipe and Fittings

- 1.1** Stainless Steel shall be Type 304/304L or Type 316/316L and shall comply with ASTM A312, or A778.
- 1.2** Fittings for Type 304/304L or Type 316/316L stainless steel pipe shall conform to ASTM A312 or A778.
- 1.3** The stainless steel piping shall be installed in accordance with the manufacturer's instructions and the requirements of the National Plumbing Code of Canada (NPC).

2. Design and Installation

- 2.1** All aspects of a stainless steel potable water system are complex and shall be designed by a professional engineer licensed to practice in the province of Alberta.
- 2.2** The stainless steel potable water systems shall be reviewed during installation by a professional engineer, so that an acceptable level of performance may be maintained for all installations.

**Alberta requirements
Administrative Items
Regulation
(AR16/2004)**

This Variance is based on the objective-based Code format linked to the objectives and functional statements and past performance in the food and beverage industry and occasionally for potable water systems when designed in accordance with good engineering practice. In addition, this Variance was reviewed and accepted by the Safety Codes Plumbing Technical Council.

This variance does not make or imply any assurance or guarantee with respect to life expectancy, durability or performance of equipment or materials.

**Identification of person
Issuing the Variance**

[Original Signed]

Signature
Carey LaRose
Plumbing Technical Administrator
Certification No. S 000474

Employer of Administrator

Alberta Municipal Affairs
Plumbing & Gas Safety

Procedure for submission of a variance

A signed copy of the variance will be submitted to:

Safety Codes Council
1000, 10665 Jasper Avenue
Edmonton, Alberta T5J 3S9

Advisement of Offence

Non-Compliance with the instructions contained in this variance is an offence under the Safety Codes Act.