



Heartland Health Region

Healthy People, Healthy Communities, and Service Excellence in an Enduring Health System.

June 14, 2017

Plumbing Contractors and Urban Municipalities in Heartland Health Region:

Re: Plumbing Code Revision and Fee Changes

Please be advised that changes to *The Plumbing Regulations* have been approved and are now in force.

For your information the key changes include:

- Adoption of The National Plumbing Code of Canada, 2015, with Saskatchewan amendments. (Refer to the attachment for details).
- Increase to the plumbing permit fees to partially offset inspection program costs. This will include an increase of:
 - base plumbing permit fees from \$40 to \$100;
 - plumbing permit fees for the installation or alteration if not more than two fixtures or devices are to be erected or installed from \$20 to \$50; and
 - plumbing permit fees for the permanent connection of an existing plumbing system to a communal waterworks from \$20 to \$50.
- Provisions that enable the local authority to require the owner of an existing plumbing system to correct faulty or defective portions of the plumbing system.

An updated version of *The Plumbing Regulations* will be available soon at:

<http://www.publications.gov.sk.ca/freelaw/documents/English/Regulations/Regulations/P37-1R13.pdf>

If you have any questions or concerns, please feel free to contact me at 948-3323 ext. 2769.

A handwritten signature in black ink, appearing to read "Jim Webster".

Jim Webster,
Senior Public Health Inspector - Heartland Health Region

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National Plumbing Code of Canada (NPC), 2015 – Major Changes From Existing Code:

Water-use Efficiency: Supply Fittings, Shower Heads, Plumbing Fixtures

The model NPC 2015 now has mandatory water-use efficiency requirements for supply fittings, shower heads, water closets (residential, industrial, commercial and institutional) and urinals. Maximum flow rate requirements are specified in litres/min for lavatory supply fittings, kitchen supply fittings (except those in industrial, commercial or institutional kitchens) and shower heads. Maximum water usage for water closets is listed in litres per flush.

Stainless Steel Inclusion

Ferrous pipes and fittings (stainless steel) are included in the NPC 2015 as an acceptable material which could be used in plumbing systems. Referenced standards are listed for the performance of stainless steel plumbing components such as piping, tubing, butt weld pipe fittings, pipe flanges and threaded fittings. The grade of these plumbing components is specified and the specific locations in the building where stainless steel pipes and tubes are permitted to be installed are listed. Requirements are added for stainless steel welded joints, hangers and supports, and maximum horizontal spacing of supports for stainless steel piping.

Adoption of CSA B481 – Grease Interceptors

The NPC 2015 includes wording in Sentence 2.2.3.2.(3) that adopts CSA B481.0 “Material, Design and Construction Requirements for Grease Interceptors” and CSA B481.3 “Sizing, Selection, Location, and Installation of Grease Interceptors”.

Water Pipe Sizing

The NPC 2015 contains changes to water pipe sizing. This change was made in the NPC 2010, which was not adopted in Saskatchewan. The change was made to address the use of water conserving appliances and fixtures in buildings and facilities. Water conservation is becoming standard practice and results in lower water usage and therefore has an impact on the water pipes delivering water to buildings and facilities.

Non-potable Water Systems

The NPC 2015 allows for non-potable water systems (including water reuse) to be used for directly connected underground irrigation systems. Requirements for the design of such systems are also included in the NPC 2015. The design requirements require conformance to CSA B128.1 or equivalent.

Additional requirements for non-potable water systems have been added to the NPC 2015 as a Saskatchewan amendment. These amendments include:

- Table 1.3.1.2. in Division B is amended by adding the following entry: “CSA; CSA B128.3-12 Performance of non-potable water reuse systems: 2.7”.
- Article 2.7.4.1 of Division B is amended by adding the following Sentence after Sentence (2): Where a non-potable water system that utilizes sewage is installed, it shall conform to CSA B128.3-12, “Performance of non-potable water reuse systems” and produces an effluent with a water quality suitable for the use to which it is put.

The Plumbing Regulations also includes detailed sections related to water reuse.