



CSA Group update – OPIA meeting September 22, 2018:

Global Product, Safety & Compliance:

2018 Plumbing product recalls:

- No recalls issued since the June 13, 2018 OPIA meeting.

2018 Plumbing product alerts:

- No alerts issued since the June 13, 2018 OPIA meeting.

Standards:

Recent publications:

Since the June 13, 2018 OPIA meeting, the following CSA Plumbing Standards have been published:

ASME A112.19.2-2018/CSA B45.1-18

Ceramic plumbing fixtures

This is the third edition and it supersedes the previous edition published in 2013. This edition includes the following:

- a) the addition of wall hung water closet dimensions;
- b) the addition of the WaterSense® test protocol, but allows both cased and uncased media;
- c) updated test pressures for urinals;
- d) an update to water consumption markings;
- e) an updated test medium size for the drain line characterization test, including the removal of the density requirement;
- f) an updated pressure requirement for the joint seal test;
- g) the addition of shower outlet dimensions;
- h) the warpage test has been amended for clarity;
- i) the flange test has been amended to make it consistent with other standards; and
- j) other editorial changes were made for better clarification.

This Standard specifies requirements for materials, construction, performance, testing, and markings. This Standard's performance requirements and test procedures apply to all types of water closets and urinals that discharge into gravity drainage systems in permanent buildings and structures, independent of occupancy. This Standard covers the following plumbing fixtures:

- a) bathtubs;
- b) bidets;
- c) drinking fountains;
- d) fixtures for institutional applications;
- e) lavatories;
- f) shower bases;
- g) sinks:
 - i) bar sinks;



- ii) clinic sinks;
 - iii) kitchen sinks;
 - iv) laboratory sinks;
 - v) laundry sinks;
 - vi) service sinks; and
 - vii) utility sinks;
- h) urinals; and
- i) water closets.

ASME A112.19.1-2018/CSA B45.2-18

Enamelled cast iron and enamelled steel plumbing fixtures

This is the third edition and it supersedes the previous edition published in 2013. This Standard specifies requirements for materials, construction, performance, testing, and markings. This Standard covers the following plumbing fixtures:

- a) bathtubs;
- b) drinking fountains and water coolers;
- c) lavatories;
- d) shower bases; and
- e) sinks:
 - i) bar sinks;
 - ii) clinic sinks;
 - iii) kitchen sinks;
 - iv) laboratory sinks;
 - v) laundry sinks;
 - vi) service sinks; and
 - vii) utility sinks.

CSA B45.8-18/IAPMO Z403-2018

Terrazzo, concrete, and natural stone plumbing fixtures

This is the second edition and it supersedes the previous edition published in 2013. This Standard specifies requirements for materials, construction, performance, testing, and markings of these fixtures. This Standard covers the following plumbing fixtures:

- a) bathtubs and combination tub/showers;
- b) lavatories;
- c) shower bases and shower stalls; and
- d) sinks:
 - i) bar sinks;
 - ii) kitchen sinks;
 - iii) laundry sinks;
 - iv) service sinks; and
 - v) wash fountains.



ASME A112.3.4/CSA B45.9-18

Macerating toilet systems and waste-pumping systems for plumbing fixtures

This is the second edition and it supersedes the previous edition, published in 2013. This Standard specifies requirements for materials, construction, performance, testing, and markings for macerating toilet systems and waste-pumping systems for plumbing fixtures. Such systems are intended to collect, grind, and pump, or collect and pump waste from a fixture (e.g., a water closet, lavatory, shower, or bathtub) and pump the waste to the sanitary drainage system.

ASME A112.18.1-2018/CSA B125.1-18

Plumbing supply fittings

This is the fourth edition it supersedes the previous edition published in 2012. This Standard covers plumbing supply fittings and accessories located between the supply stop and the terminal fitting, inclusive, as follows:

- a) automatic compensating valves for individual wall-mounted showering systems;
- b) bath and shower supply fittings;
- c) bidet supply fittings;
- d) clothes washer supply fittings;
- e) commercial pre-rinse spray valves;
- f) drinking fountain supply fittings;
- g) humidifier supply stops;
- h) kitchen, sink, and lavatory supply fittings;
- i) laundry tub supply fittings;
- j) lawn and sediment faucets;
- k) low-pressure water dispensers;
- l) metering and self-closing supply fittings;
- m) showerheads, hand-held showers, and body sprays; and
- n) supply stops.

CAN/CSA-B127.3-18

Fibrocement drain, waste, and vent pipe and pipe fittings

This is the first edition of CAN/CSA-B127.3. This Standard covers fibrocement Type 1 (Class 3000) and Type 2 (Class 4000) pipe and pipe fittings for installation in gravity-flow systems inside and outside of buildings, above and below grade. This Standard includes specifications for material, dimensions, crushing strength, chemical resistance, and joint tightness. Methods of marking to indicate compliance with these requirements are included. Recommended installation practice, and suitability of material composition.

Z800-18

Guideline on basement flood protection and risk reduction

This is the first edition. The Guideline was prepared to assist relevant stakeholders in the mitigation of basement flood risk for new and existing National Building Code of Canada (NBCC) Part 9 residential buildings



This Guideline covers measures to reduce the risks of basement flooding, and to mitigate the adverse effects on property, public safety, and public health in case of a flood event. It covers existing, new, rebuilt, and renovated houses in rural and urban settings.

This Guideline covers all types of ground-related houses, with or without basements, that are considered Part 9 buildings according to the National Building Code (NBC) including

- a) detached houses;
- b) semi-detached houses; and
- c) row houses.

Recommendations made in this Guideline are generally appropriate for houses serviced by gravity- based storm, sanitary, combined, or third pipe systems.

The types of flood hazards addressed by the measures described in this Guideline are

- a) overland flooding associated with precipitation events and resulting in the accumulation/ponding of rainwater and/or snow melt in and around ground-related houses;
- b) storm and sanitary sewer backwater (surcharge);
- c) infiltration flooding (groundwater seepage);
- d) plumbing and drainage failures, including failure of sump systems and sewer lateral failure; and
- e) flooding associated with improper installation of basement flood risk-reduction technologies

Withdrawn publications:

Since the June 13, 2018 OPIA meeting, the following CSA Plumbing Standards have been withdrawn:

B137.8-17

Polybutylene (PB) piping systems for pressure applications

The CSA B137.8-17 has been withdrawn. It has been removed from the B137 Series

Public review documents:

CSA B45.13/IAPMO Z1700 - Vacuum waste-collection systems completed public review on September 20, 2018.

Reminder, please use the following link to create your own account to review and provide your comments on any new plumbing standards before they are published:

<http://publicreview.csa.ca/Account/Register>



Call for participation:

Reminder, CSA is looking for Plumbing Inspectors to participate in the development process of Plumbing Standards.

If you are interested in becoming a Committee Member, please contact:

- Mr. Lauro Pilla lauro.pilla@csagroup.org or (416)-747-4205 and/or
- Ms. Sarah Chung sarah.chung@csagroup.org or (416) 747-2719

CSA Group – Communities:

Reminder, CSA Group members make our work possible. Together, we've created over 3,000 codes and standards, helping make homes, workplaces, and infrastructure safer and more sustainable. By [joining CSA Communities](#), you can start helping our committee members and community representatives change the world for the better.

Testing, Certification and Inspections:

No updates since the June 13, 2018 OPIA meeting.