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CSA B128.3:23

National Standard of Canada

Performance of non-potable water reuse systems

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Preface

This is the second edition of CSA B128.3, *Performance of non-potable water reuse systems*. It supersedes the previous edition published in 2012.

Major changes to this edition include

a) specification of only one level of reclaimed water quality (Class B reclaimed water quality removed);
b) removal of laundry tubs from laundry-greywater and wastewater definitions;
c) revisions to the following tests:
   i) watertightness (see Clause 4.6);
   ii) alarms (see Clause 4.12);
   iii) diversion and blockage (See Clause 4.13);
   iv) overflow (see Clause 4.14);
   v) working day parent stress (see Clause 5.8.3); and
   vi) vacation stress (see Clause 5.8.5);
d) replacement of the cold water stress test and the hot water stress test with the temperature stress test (see Clause 5.8.7);
e) revisions to water quality parameters;
f) revisions to bathroom-greywater, laundry-greywater, and combined-greywater influent characteristics;
g) revisions to the Monday to Sunday test and sampling schedules, which have also been moved to Annex E;
h) revisions to the grab sample collection schedule;
i) addition of wash day surge stress test (see Clause 5.8.2) and water efficiency stress test (see Clause 5.8.9);
j) removal of peak flow discharge stress and underload stress tests;
k) revisions to stress event operation repeat test rule (see Clause 5.9.3);
l) clarification of resumption of testing for test continuation or restart (See Clause 5.11.3); and
m) revisions to data plate and documentation requirements.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Technical Committee on Non-Potable Water Systems, under the jurisdiction of the Strategic Steering Committee on Construction and Civil Infrastructure, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Notes:

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