



CSA Z767:24
National Standard of Canada



Process safety management



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Preface

This is the second edition of CSA Z767, *Process safety management*. It supersedes the previous edition published in 2017.

The following are the major changes to this edition:

- a) an expansion and renaming of Clause [5.4](#) to “Conduct of operations and operational discipline”, with more explicit definition of the requirements;
- b) Clause [6.3](#) has been retitled “Risk management framework” and provides an explicit step-by-step definition of the requirements for a risk assessment including its revalidation;
- c) Clause [6.4](#), “Human factors”, has been significantly rewritten to be both more explicit and current in its approach; and
- d) the Standard now explicitly allows the use of engineering assessments (see Clause [7.3.8](#)).

This version of the Standard continues to be Canadian-centric and incorporates learnings from pre-existing standards, guidance, and experience in PSM internationally. It is applicable to facility operators across all industries who might have dangerous energy or materials in their operations, who are in contact with other PSM models that are centred around the traditional process industry, or who have threshold quantities for applicability. It continues to empower those with pre-existing safety management systems (SMSs) to leverage their SMS to deliver on process safety performance. It continues to provide flexibility such that small-, medium-, and large-size operators all have a reasonable chance of success at leveraging PSM to improve their safety performance.

CSA Group acknowledges that the development of this Standard was made possible, in part, by the financial support of the BC Energy Regulator, Chemistry Industry Association of Canada (CIAC), Canadian Natural Resources Ltd., Cenovus Energy, the Canadian Society for Chemical Engineering (CSCHE), Enbridge Gas Distribution, Environment and Climate Change Canada, Hatch, J.-P. Lacoursière Inc., Nexen Energy, NOVA Chemicals, Suncor Energy, and the Technical Standards and Safety Authority (TSSA). The evolution and growth of process safety knowledge within Canada is a key target area of the Canadian Society for Chemical Engineering (CSCHE) PSM Division.

CSA Group would like to thank the CSCHE for the use of its *Process Safety Management Standard* (2012) as a seed document in the development of this Standard.

This Standard was prepared by the Technical Committee on Standards for Process Safety Management, under the jurisdiction of the Strategic Steering Committee on Business Management and Sustainability, 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.

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