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CSA B72:20
National Standard of Canada

Installation code for lightning protection systems



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Preface

This is the third edition of CSA B72, *Installation code for lightning protection systems*. It supersedes the previous editions published in 1987 and 1960.

The major changes to this edition include the following:

a) The Standard has been updated and expanded in order to harmonize lightning protection standards within North America.
b) The requirements for the various components that make up a system have been consolidated into their own sections (e.g., air terminals, conductors), and ANSI/CAN/UL 96:2016 has been incorporated as the component standard
c) Further requirements regarding specialized structures and classes have been included following the base requirements in the initial sections.
d) New requirements have been added under Class IV installations, covering a number of specialized structures, including buildings constructed of structural metallic systems, telecommunications equipment, and rooftop helipads.
e) A new clause has been added on protection for solar arrays.
f) The informative annexes have been expanded into four annexes. Further guidance has been provided for inspection and maintenance of lightning protection systems, the risk analysis has been updated to conform to current best practices, and an annex on surge protective devices has been added.

This Standard was prepared by the Technical Committee on Installation Code for Lightning Protection Systems, under the jurisdiction of the Strategic Steering Committee on Fuels and Appliances, 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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