

Requirements for service entrance equipment



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Preface

This is the first edition of C22.2 No. 0.19, *Requirements for service entrance equipment*.

This Standard gives the general and specific minimum safety objectives that service entrance equipment must meet.

This Standard also illustrates specific prescriptive solutions that meet the safety objectives.

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the Preface of CSA C22.2 No. 0, *General Requirements — Canadian Electrical Code, Part II*.

This Standard was prepared by the Subcommittee on Requirements for Service Entrance Equipment, under the jurisdiction of the Technical Committee on Industrial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: "The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA's procedures for interpretation shall be followed to determine the intended safety principle."

July 2010

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C22.2 No. 0.19-10

Requirements for service entrance equipment

1 Scope

This Standard contains safety objectives and representative construction requirements intended to meet the safety objectives for service entrance equipment installed in accordance with the requirements of the *Canadian Electrical Code, Part I*.

2 General requirements and reference publications

2.1 General requirements

General requirements applicable to this Standard are given in CSA C22.2 No. 0 *General Requirements*.

2.2 Reference publications

Where reference is made to CSA Standards of the *Canadian Electrical Code, Parts I and II*, such reference shall be considered to refer to the latest edition and revision thereof, unless otherwise specified. This Standard refers to the following such Standards and the year dates shown indicate the latest editions available at the time of printing:

C22.1-09

Canadian Electrical Code, Part I

C22.2

Canadian Electrical Code, Part II

C22.2 No. 0-M91 (R2006)

General Requirements — Canadian Electrical Code, Part II

C22.2 No. 0.2-93 (R2008)

Insulation coordination

CAN/CSA-C22.2 No. 0.4-04 (R2009)

Bonding and grounding of electrical equipment (protective grounding)

CAN/CSA-C22.2 No. 4-04 (R2009)

Enclosed and dead-front switches

C22.2 No. 5-09

Molded-case circuit breakers, molded-case switches and circuit-breaker enclosures

C22.2 No. 14-10

Industrial control equipment

C22.2 No. 29-M1989 (R2004)

Panelboards and enclosed panelboards