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C22.2 No. 10-1965
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Electric Floor Surfacing and Cleaning Machines

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CSA STANDARD C22.2 No. 10-1965

**ELECTRIC FLOOR SURFACING
AND
CLEANING MACHINES
(SECOND EDITION)**

**FORMING PART
OF
CANADIAN ELECTRICAL CODE, PART II
SAFETY STANDARDS FOR ELECTRICAL EQUIPMENT**

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PREFACE

This is the second edition of No. 10 of a series of Standards issued by the Canadian Standards Association under Part II of the Canadian Electrical Code. It supersedes the first edition published in 1933 and re-affirmed in 1949.

In this edition material from the first issue has been expanded and re-written to include advances and developments that have occurred since the Standard was first published.

This Standard was prepared under the jurisdiction of the Committee on CE Code, Part II, which is subsidiary to the Committee on CE Code, Part I, and was formally approved by these Committees and the CSA Technical Council.

OTTAWA, OCTOBER, 1965

NOTE: *For general information regarding the Standards of the Canadian Electrical Code, Part II, see the Preface to the latest issue of CSA Standard C22.2 No. 0, Definitions and General Requirements.*

In order to keep abreast of progress in the electrical industry, these Standards are subject to periodic review. Suggestions for improvement, addressed to the General Manager, Canadian Standards Association, 235 Montreal Road, Ottawa 7, will be welcomed at all times. They will be recorded and in due course brought to the attention of the CSA Committee on Canadian Electrical Code, Part II.

REFERENCE PUBLICATIONS

This Standard makes reference to the latest issue of the following:

- | | |
|---------------------|---|
| CSA Standards C22.1 | — Canadian Electrical Code, Part I; |
| C22.2 No. 0 | — Definitions and General Requirements; |
| C22.2 No. 0.2 | — Use of Flexible Supply Cords and Fixture Wires with Electric Appliances; |
| C22.2 No. 8 | — Suppressors for Radio Interference; |
| C22.2 No. 11 | — Fractional Horsepower Electric Motors for Other than Hazardous Locations; |
| C22.2 No. 14 | — Industrial Control Equipment for Use in Ordinary (Non-Hazardous) Locations; |
| C22.2 No. 21 | — Cord Sets and Power Supply Cords; |
| C22.2 No. 24 | — Temperature-Indicating and -Regulating Equipment; |
| C22.2 No. 39 | — Fuseholder Assemblies; |
| C22.2 No. 43 | — Lampholders Having Socket Screw-Shells; |
| C22.2 No. 54 | — Integral-Horsepower Electric Motors for Other than Hazardous Locations; |
| C22.2 No. 55 | — Snap Switches; |
| C22.2 No. 59 | — Fuses (Both Plug and Cartridge-Enclosed Types); |
| C22.2 No. 66 | — Specialty Transformers; |
| C22.2 No. 67 | — Vacuum Cleaners and Floor Polishers; |
| C22.2 No. 71 | — Portable Electric Tools; |
| C22.2 No. 77 | — Inherent Overheating Protective Devices for Motors; |
| C22.2 No. 111 | — Manually-Operated General-Purpose A-C Switches. |

C22.2 No. 10-1965

ELECTRIC FLOOR SURFACING AND CLEANING MACHINES

1. SCOPE

1.1 This Standard applies to cord-connected, motor-operated floor surfacing and cleaning machines rated at 600 volts or less which are designed to be used in accordance with the Rules of the Canadian Electrical Code, Part I, on an ac or dc circuit.

1.2 This Standard applies to commercial and industrial floor polishing machines, floor scrubbing machines, sanders, grinders or other types of surfacing machines of the hand-propelled or self-propelled type. It also applies to rug scrubbers and shampooing machines and machines combining any of these features for household, commercial or industrial use.

1.3 This Standard does not apply to household floor polishers which are covered by CSA Standard C22.2 No. 67, Vacuum Cleaners and Floor Polishers, or to hand-held polishers, sanders, and floor edgers which are covered by CSA Standard C22.2 No. 71, Portable Electric Tools.

2. DEFINITIONS

2.1 The following definitions apply in this Standard:

Floor polishing machine means a polishing machine not intended to be used with water or other cleaning liquids;

Concentrated weight machine means a machine whose weight is entirely supported by the brush;

Divided weight machine means a machine whose weight is supported by the wheels as well as the brush;

Floor scrubbing machine means a machine intended for wet scrubbing of floors or rugs;

Floor surfacing machine means a machine intended for the conditioning of floors by sanding, grinding, steel-wooling, or similar operations.

3. GENERAL REQUIREMENTS

3.1 General requirements applicable to this Standard are given in the latest issue of CSA Standard C22.2 No. 0, Definitions and General Requirements.

4. CONSTRUCTION

4.1 General

4.1.1 Electric component parts shall be of types specifically approved for the use intended, or shall be investigated with, and as an integral part of, the machine.

4.1.2 Electric components provided as part of floor surfacing and cleaning machines and auxiliary electric equipment, shall conform to the particular standard covering such components and shall also be suitable for the particular application.