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CSA C747:22
National Standard of Canada

Energy efficiency test methods for small motors

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Revision History

CSA C747:22, Energy efficiency test methods for small motors

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Standards Update Service

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L. Contasti CSA Group, Toronto, Ontario, Canada *Project Manager*

Preface

This is the third edition of CSA C747, *Energy efficiency test methods for small motors*. It supersedes the previous edition published in 2009 and the 1994 Standard published under the title *Energy Efficiency Test Methods for Single- and Three-Phase Small Motors*.

Changes in this edition include

a) revision of scope to not limit the minimum rating (only stating a maximum);
b) revision of the definition for thermal equilibrium;
c) inclusion of frequency uncertainties;
d) revision to air-over motor temperature measurement method;
e) determining average full-load and nominal efficiency was added; and
f) energy efficiency levels and tables were added.

CSA Group acknowledges that the development of this Standard was made possible, in part, by the financial support of BC Hydro, Efficiency Manitoba, independent Electrical System Operator, Natural Resources Canada, and Northwest Energy Efficiency Alliance.

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

This Standard was prepared by the Subcommittee on Small Motors, under the jurisdiction of the Technical Committee on Industrial Equipment and the Strategic Steering Committee on Performance, Energy Efficiency, and Renewables, 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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