



CSA/ANSI NGV 4.3:22
National Standard of Canada
American National Standard



Temperature compensation for compressed natural gas vehicle fuelling



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CSA/ANSI NGV 4.3:22

September 2022

Title: *Temperature compensation for compressed natural gas vehicle fuelling*

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Temperature compensation for
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Approved on August 25, 2022 by ANSI
Approved on August 15, 2022 by IGAC
Published in September 2022 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3

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ICS 75.200
ISBN 978-1-4883-4484-8

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Preface

This is the second edition of CSA/ANSI NGV 4.3, *Temperature compensation for compressed natural gas vehicle fuelling*. It supersedes the previous edition, published in 2018 under the title *Temperature compensation guideline for compressed natural gas vehicle fueling*.

This Standard is based on proven engineering principles, research, and the combined expertise of gas utilities, manufacturers, users, and others having specialized experience.

The major changes to this edition include the following:

- a) this Standard may now be used for conformity assessment;
- b) newly manufactured dispensing systems are now included in the scope; and
- c) physical and simulation testing requirements have been added for newly manufactured dispensing systems through gas temperature versus settled gas pressure verification test methods.

CSA Group acknowledges that the development of this Standard was made possible, in part, by the financial support of Natural Resources Canada.

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 Temperature Compensation Devices and Priority and Sequencing Equipment for Natural Gas Vehicles, under the jurisdiction of the Technical Committee on Natural Gas Transportation and the Strategic Steering Committee on Transportation, and has been formally approved by the Technical Committee and the Interprovincial/Territorial Gas Advisory Council.

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