



CSA/ANSI HGV 4.3:24
National Standard of Canada
American National Standard



Test methods for hydrogen fuelling parameter evaluation



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***Test methods for hydrogen fuelling
parameter evaluation***



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L. Stern	California Air Resources Board Sacramento, California, USA	
G. Stottler	Stottler Development LLC Ionia, New York, USA	
K. Sumba	ANGI Energy Systems/Gilbarco-Veeder Root Janesville, Wisconsin, USA	
J. Taylor	Powertech Labs Inc. Surrey, British Columbia, Canada	
M. Veenstra	Ford Motor Company Dearborn, Michigan, USA	
D. Wenger	Wenger Engineering GmbH Ulm, Germany	
S. Wheaton	Choshu Industry Corporation of America Inc. Calgary, Alberta, Canada	
S. Wijaya	Intertek Testing Services NA Ltd. Coquitlam, British Columbia, Canada	
P. Wilkins	Hydrogen Precision Partners LLC Santa Monica, California, USA	
E. Wolff-Klammer	UL LLC Northbrook, Illinois, USA	
L. Yang	Toyota Motor Engineering & Manufacturing North America Gardena, California, USA	
S. Marxen	CSA Group Cleveland, Ohio, USA	<i>Project Manager</i>

Preface

This is the fifth edition of CSA/ANSI HGV 4.3, *Test methods for hydrogen fuelling parameter evaluation*. It supersedes the previous editions published in 2022, 2019, 2016, and 2012.

The major changes to this edition are the addition of Clauses [6.6](#), [6.7](#), [6.8](#), [9.14](#), [10.13](#), and [11](#) to include certification requirements. 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 Test Methods for Hydrogen Fuelling Parameter Evaluation, under the jurisdiction of the Technical Committee on Hydrogen Transportation and the Strategic Steering Committee on Transportation, 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.

This Standard has been approved by the American National Standards Institute (ANSI) as an American National Standard.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*
- 4) *To submit a request for interpretation of this Standard, please send the following information to inquiries@csagroup.org and include “Request for interpretation” in the subject line:*
 - a) *define the problem, making reference to the specific clause, and, where appropriate, include a graphical image;*
 - b) *provide an explanation of circumstances surrounding the actual field condition; and*
 - c) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*

Committee interpretations are processed in accordance with CSA Directives and guidelines governing standardization and are available on the Current Standards Activities page at standardsactivities.csagroup.org.
- 5) *This Standard is subject to review within five years from the date of publication. Suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include “Proposal for change” in the subject line:*
 - a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*