
**Road vehicles — Compressed natural
gas (CNG) fuel system components —
Part 13:
Pressure relief device (PRD)**

AMENDMENT 1

iTeh STANDARD PREVIEW
(standards.iteh.ai)

*Véhicules routiers — Composants des systèmes de combustible gaz
naturel comprimé (CNG)*

Partie 13: Dispositifs de limitation de pression

ISO 15500-13:2012/Amd 1:2016

AMENDEMENT 1

[https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-
eac67da6091e/iso-15500-13-2012-amd-1-2016](https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)



iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 15500-13:2012/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)
<https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

Amendment 1 to ISO 15500-13:2012 was prepared by Technical Committee ISO/TC 22, *Road Vehicles*, Subcommittee SC 41, *Specific aspects for gaseous fuels*.

[ISO 15500-13:2012/Amd 1:2016](http://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 15500-13:2012/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016>

Road vehicles — Compressed natural gas (CNG) fuel system components —

Part 13: Pressure relief device (PRD)

AMENDMENT 1

Page 3, Clause 5

Replace Clause 5 with the following:

5 Construction and assembly

The PRD shall comply with the applicable provisions of ISO 15500-1 and ISO 15500-2, and with the tests specified in Clause 6. Tolerances should follow the specifications of ISO 15500-2.

Page 3, Table 1

Replace Table 1 with the following:

High STANDARD PREVIEW
(standard.iteh.ai)
Table 1 — Applicable tests

Test	Applicable ISO 15500-13:2012/Amd.1:2016 https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-cac67da6091e/iso-15500-13-2012-amd-1-2016	Test procedure as required by ISO 15500-2	Specific test requirements of this part of ISO 15500
Hydrostatic strength	X	X	X (see 6.2)
Leakage	X	X	X (see 6.3)
Excess torque resistance	X	X	
Bending moment	X ^a	X	X (see 6.4)
Continued operation	X	X	X (see 6.5)
Corrosion resistance	X	X	
Oxygen ageing	X	X	
Ozone ageing	X	X	
Heat ageing	X	X	
Automotive fluids	X	X	
Electrical over-voltages	X	X	
Non-metallic material immersion	X	X	
Vibration resistance	X	X	
Brass material compatibility	X	X	
Accelerated life	X	X	X (see 6.6)
Benchtop activation	X	X	X (see 6.7)
Thermal cycling	X	X	X (see 6.8)
Condensate-corrosion resistance	X	X	X (see 6.9)
Flow capacity	X	X	X (see 6.10)

^a This test is to confirm proper design and construction of stand-alone, externally-threaded PRD designs and is not required if the PRD is internally imbedded in the valve body.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 15500-13:2012/Amd 1:2016](https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)
[https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-
eac67da6091e/iso-15500-13-2012-amd-1-2016](https://standards.iteh.ai/catalog/standards/sist/db22edff-9090-4f76-bb38-eac67da6091e/iso-15500-13-2012-amd-1-2016)