

# DRAFT AMENDMENT

## ISO 15500-13:2012/DAM 1

ISO/TC 22/SC 41

Secretariat: UNI

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

### Part 13: Pressure relief device (PRD)

### AMENDMENT 1

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

*Partie 13: Dispositifs de limitation de pression*

*AMENDEMENT 1*

ICS: 43.060.40

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## 5 Construction and assembly

5.1 The PRD shall comply with the applicable provisions of ISO 15500-1 and ISO 15500-2, and with the tests specified in Clause 6 of this part of ISO 15500. [Tolerances should follow the specifications of ISO 15500-2](#)

## 6 Tests

### 6.1 Applicability

The tests required to be carried out are indicated in Table 1.

**Table 1 — Tests applicable**

Test	Applicable	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 <sup>a</sup>	X	X (see 6.4)
Continued operation	X	X	X (see 6.5)
Corrosion resistance	X	X	
Oxygen ageing	X	X	
<a href="#">Ozone ageing</a>	X	X	
<a href="#">Heat Ageing</a>	X	X	
<a href="#">Automotive Fluids</a>	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)
<sup>a</sup> 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.			