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**AMENDMENT 1**  
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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*



Reference number  
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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*.



# 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:

**Table 1 — Applicable tests**

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	
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)

<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.

