

ISO 15500-2:2016-05 (E)

Road vehicles - Compressed natural gas (CNG) fuel system components - Part 2: Performance and general test methods

Contents	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General	1
5 Hydrostatic strength	2
6 Leakage	2
6.1 General	2
6.2 External leakage	2
6.3 Internal leakage	3
6.4 Test conditions	3
7 Excess torque resistance	3
8 Bending moment	4
9 Continued operation	5
9.1 General	5
9.2 Test methods	5
9.2.1 Test procedure	5
9.2.2 Room temperature cycling	6
9.2.3 High-temperature cycling	6
9.2.4 Low-temperature cycling	6
10 Corrosion resistance	6
11 Oxygen ageing	6
12 Electrical over-voltages	7
13 Non-metallic material immersion	7
14 Vibration resistance	8
15 Brass material compatibility	8
16 Ozone ageing for vulcanized or thermoplastic rubbers	8
17 Resistance to dry heat for vulcanized or thermoplastic rubbers	9
18 Automotive fluid exposure	9
18.1 General	9
18.2 Test Method	9

18.3	Fluids	9
18.4	Pass criteria	9
Bibliography		10