

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