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 Termsanddefinitions 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 Automotivefluidexposure 9
18.1 General 9
18.2 Test Method 9

18.3 Fluids 9
18.4 Pass criteria 9

Bibliography 10