ISO 15501-1:2012-04 (E)

Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Requirements 3
4.1 Design 3
4.2 Refuelling connection 5
4.3 Leakage control 5
4.4 Mounting of the cylinder(s) 5
4.5 Heat protection 6
4.6 Minimizing risk of gas ignition 6
4.7 Venting system 6

5 Instructions for use 7

6 Marking 7

Annex A (informative) Technical solutions to functional requirements 8

Annex B (informative) Examples of compressed natural gas (CNG) on-board fuel systems 9

Bibliography 11