DIN EN ISO 16923:2018-07 (E)

Natural gas fuelling stations - CNG stations for fuelling vehicles (ISO 16923:2016)

Contents

Page

Europeanforeword 4

AnnexA(informative) A-deviation 6

16.2 Restoration after emergency shutdown 33

17 Indoor fuelling 33
17.1 General 33
17.2 Ventilation 33
17.3 Additional requirements 34

18 Testing and commissioning 34

19 Operation 35
19.1 Fuelling procedures 35
19.2 Safety signs 35
19.3 Training 35
19.4 Emergency response plan 36
19.5 Operations manual 36

20 Inspection and maintenance 36
20.1 Inspection and maintenance program 36
20.2 Maintenance and testing frequency of gas detection 37

Annex A (informative)Examplesofhazardouszoneclassification 38

Annex B (normative) Separation distances 45

Annex C (informative) Fuelling procedures 46

Annex D (informative) Emergency instructions example 47

Annex E (informative) Example of fuelling station periodic inspection and maintenance 48

Bibliography 50

15 Instrumentation and control system 32
15.1 Gas detection 32
15.2 Emergency shutdown devices 32

16 Emergency shutdown 33
16.1 Emergency shutdown procedure 33