ISO 11117:2019-11 (E)

Gas cylinders - Valve protection caps and guards - Design, construction and tests

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 General requirements for valve protection cap and valve guard 2
4.1 Valve protection cap 2
4.2 Valve guard 5
4.3 Cylinder neck ring dimensions 6

5 Pictorial examples of valve protection devices 10

6 Materials 11

7 Type testing 11
7.1 General 11
7.2 Documentation 12
7.3 Test samples 12
7.4 Preliminary check 13
7.5 Torque test 13
7.6 Vertical pull test 13
7.7 Drop test 13

8 Marking 15

9 Test report 16

Bibliography 17