ISO 17871:2020 (E)

Gas cylinders — Quick-release cylinder valves — Specification and type testing

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Requirements

- 4.1 General requirements
- 4.2 Differing/additional requirements
- 4.2.1 Valve connections
- 4.2.2 Resistance to mechanical impact
- 4.2.3 Valve operating mechanism
- 4.2.4 Valve operating device
- 4.2.5 Leakage
- 4.2.6 Documentation
- 4.2.7 Valve burst test pressure
- 4.2.8 Valve test pressure
- 4.2.9 Leak tightness tests
- 4.2.10 Endurance test
- 4.2.11 Securing arrangements
- 4.3 Manufacturing tests and examinations

5 Marking

Annex A (normative) Manufacturing tests and examinations

- A.1 General requirements
- A.2 Differing/additional requirements
- A.2.1 Valve test pressure
- A.2.2 Tests to be performed on every valve
- A.2.3 Inspections, verifications and examinations to be performed on a sample

Page count: 8