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

*Bouteilles à gaz — Robinets de bouteilles à ouverture rapide —
Spécifications et essais de type*



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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 General requirements.....	2
4.2 Differing/additional requirements.....	2
4.2.1 Valve connections.....	2
4.2.2 Resistance to mechanical impact.....	3
4.2.3 Valve operating device.....	3
4.2.4 Leakage.....	3
4.2.5 Documentation.....	3
4.2.6 Valve test pressure.....	3
4.2.7 Flame impingement test.....	4
4.2.8 Leak tightness tests.....	4
4.2.9 Endurance test.....	4
4.2.10 Securing arrangements.....	5
4.3 Manufacturing tests and examinations.....	5
5 Marking	5
Annex A (normative) Manufacturing tests and examinations	6
Bibliography	7

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The committee responsible for this document is ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

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Introduction

This International Standard covers the function of a quick-release cylinder valve as a closure (defined by the UN Model Regulations). Additional features of a quick-release cylinder valve (e.g. pressure regulators, residual pressure-retaining devices, non-return devices, and pressure-relief devices) might be covered by other standards and/or regulations.

This International Standard has been written to be in conformity with the UN Model Regulations. When published, it will be submitted to the UN Subcommittee of Experts on the Transport of Dangerous Goods with a request that it be included in the UN Model Regulations.

Where there is any conflict between this International Standard and any applicable regulation, the regulation always takes precedence

In this International Standard, the unit bar is used due to its universal use in the field of technical gases. However, it is noted that bar is not an SI unit, and that the corresponding SI unit for pressure is Pa (1 bar = 10^5 Pa = 10^5 N/m²).

Pressure values given in this International Standard are given as gauge pressure (pressure exceeding atmospheric pressure) unless noted otherwise.