
**Gas welding equipment — Acetylene
manifold systems for welding,
cutting and allied processes — Safety
requirements in high-pressure devices**

*Matériel de soudage aux gaz — Centrales de détente pour la
distribution d'acétylène pour le soudage, le coupage et les techniques
connexes — Exigences de sécurité pour les dispositifs haute pression*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Design	2
5 Requirements	2
5.1 General.....	2
5.2 General requirements.....	2
5.2.1 Materials.....	2
5.2.2 External gas leakage.....	3
5.2.3 Internal gas leakage.....	3
5.2.4 Internal gas leakage after decomposition test.....	3
5.2.5 Pressure resistance.....	3
5.2.6 Acetylene decomposition.....	3
5.3 Additional requirements to be met by specific types of devices.....	3
5.3.1 Non-return valve.....	3
5.3.2 Automatic quick-acting shut-off device.....	3
5.3.3 Automatic pressure-actuated shut-off valve.....	3
5.3.4 Three-way valve.....	4
5.3.5 Stop valve.....	4
5.3.6 Pressure gauge.....	4
6 Type testing	4
6.1 General.....	4
6.2 Reference values and accuracy of instruments.....	4
6.3 Test gases.....	5
6.4 External gas leakage.....	5
6.5 Internal gas leakage test.....	5
6.6 Pressure resistance test.....	5
6.7 Acetylene decomposition test.....	5
6.7.1 General.....	5
6.7.2 Test conditions.....	5
6.7.3 Test procedure and test precautions.....	6
6.7.4 Additional test conditions for certain devices.....	6
6.8 Non-return valve test.....	8
6.8.1 General.....	8
6.8.2 Reverse flow test for non-return valves.....	8
6.8.3 Fatigue test for non-return valves.....	9
6.9 Endurance test for three-way valves, automatic pressure-actuated shut-off valves and stop valves.....	9
6.10 Trip pressure test for automatic pressure-actuated shut-off valves.....	10
6.10.1 General.....	10
6.10.2 Equipment.....	10
6.10.3 Test procedure.....	10
7 Manufacturer's instructions	11
8 Marking	11
Annex A (normative) Summary of tests	13
Bibliography	16

Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 15615:2013), which has been technically revised.

The main changes are as follows:

- the manual quick-acting shut-off valve has been removed because it is no longer state of the art;
- the remotely actuated shut-off valve has been removed because it is no longer state of the art;
- in [3.8](#) the definition of change-over unit has been added;
- in [5.2.6](#) a requirement has been added;
- in [5.3.4](#) the additional requirements for three-way valves have been clarified;
- in [5.3.6](#) specific requirements for pressure gauges have been added;
- new [subclause 6.4](#) on external gas leakage test has been added;
- in [6.7.2](#) tolerances have been added;
- in [6.7.3](#) a minimum value for vacuum has been added;
- in [6.7.4.4](#) the test conditions for three-way valves have been clarified;
- in [6.8.2](#) other comparable test methods for leakage have been permitted;
- in [6.8.3](#) a minimum settling time of pressure has been added;

— in [Clause 8](#) the kind of device has been added to the marking.

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