



**International  
Standard**

**ISO 17871**

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

**AMENDMENT 1**

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

*AMENDEMENT 1*

**Second edition  
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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 23, *Transportable gas cylinders*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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

## AMENDMENT 1

### *Scope*

Replace the beginning of the first paragraph with the following:

"This document is to be used in conjunction with the following standards, where applicable:

- ISO 10297 (together with ISO 14246),
- ISO 17879,
- ISO 23826.

It specifies ..."

### *Normative references*

Add the following two references:

ISO 17879:2017, *Gas cylinders — Self-closing cylinder valves — Specification and type testing*

ISO 23826:2021, *Gas cylinders — Ball valves — Specification and testing*

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#### *4.1, first paragraph*

Add the following after "ISO 10297,":

"ISO 17879 or ISO 23826, as applicable,"

#### *4.1, last paragraph*

Add the following after "ISO 10297:2014+Amd.1:2017, 5.2,":

"ISO 17879:2017, 5.2 or ISO 23826:2021, 5.2, as applicable,"

#### *4.2.1, first paragraph*

Add the following after "ISO 10297:2014+Amd.1:2017, 5.4,":

"ISO 17879:2017, 5.3 or ISO 23826:2021, 5.3, as applicable,"

## ISO 17871:2020/Amd.1:2024(en)

### 4.2.2

Add the following as a new first paragraph:

Differing from the requirements given in ISO 23826:2021, 5.4.2, quick-release cylinder valves of a ball valve design shall meet the mechanical impact requirements given in ISO 10297:2014+Amd.1:2017, 5.5.2.

### 4.2.2, (renumbered) second paragraph

Add the following after "ISO 10297:2014+Amd.1:2017, 5.5.2,":

"or ISO 17879:2017, 5.4.2, as applicable"

### 4.2.3

Add the following after "ISO 10297:2014+Amd.1:2017, 5.6.3,":

"ISO 17879:2017, 5.5.3 or ISO 23826:2021, 5.5.2, as applicable,"

### 4.2.4

Add the following after the first sentence:

The requirements given in ISO 23826:2021, 5.6.2 are not applicable.

### 4.2.5

Add the following after "ISO 10297:2014+Amd.1:2017, 5.8,":

"ISO 17879:2017, 5.6 or ISO 23826:2021, 5.7, as applicable,"

### 4.2.6, first paragraph

Add the following after "ISO 10297:2014+Amd.1:2017, 6.2,":

"ISO 17879:2017, 6.2 or ISO 23826:2021, 5.3, as applicable,"

### 4.2.7

Add the following after "ISO 10297:2014+Amd.1:2017, 6.6.1,":

"ISO 17879:2017, 6.6.1 or ISO 23826:2021, 6.6.1, as applicable,"

### 4.2.8, first paragraph

Add the following after "ISO 10297:2014+Amd.1:2017, 6.6.2,":

"ISO 17879:2017, 6.6.2 or ISO 23826:2021, 6.6.2, as applicable,"