



CYLINDER RETEST STATIONS

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EUROPEAN INDUSTRIAL GASES ASSOCIATION AISBL



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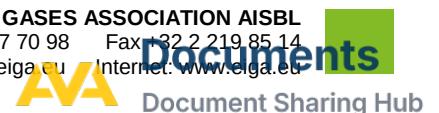


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Amendments to Doc 79/13

4.8	References updated
5.2.4	New section added on external shot blasting
5.6	Section expanded for more details on valving cylinders
6	References section retitled and updated

Note: Technical changes from the previous edition are underlined

1. Introduction

The periodic inspection and testing of a gas cylinder is an essential requirement for its continued use. There are few items of industrial equipment that last for so many years. The safety record of gas cylinders is excellent and reflects the integrity of the design, manufacturing and subsequent maintenance processes.

This edition of the publication incorporates updates to standards, legislations and EIGA publications.

2. Scope and purpose

2.1 Scope

This publication gives guidance on the key aspects of the periodic inspection and retesting of gas cylinders and gives a structure for the re-testing activity. It is intended specifically for those who are:

- specifying the periodic inspection and testing of gas cylinders;
- selecting inspection and testing facilities; and
- carrying out the periodic inspection and testing process.

The following cylinder types are covered in the publication:

- seamless steel;
- welded steel;
- seamless aluminium alloy;
- welded aluminium alloy;
- hoop wrapped;
- fully wrapped; and
- dissolved acetylene.

Additional requirements, which can apply for specific applications such as medical, electronics, are not covered in this publication.

This publication does not cover the requalification of existing national cylinders as described in the Transportable Pressure Equipment Directive, (TPED) [1]¹

2.2 Purpose

To provide guidance on cylinder retest stations for EIGA Members

3. Definitions

3.1 Publication terminology

3.1.1 Shall

Indicates that the procedure is mandatory. It is used wherever the criterion for conformance to specific recommendations allows no deviation.

¹ References are shown by bracketed numbers and are listed in order of appearance in the reference section.