



CGA P-22—2014
THE RESPONSIBLE
MANAGEMENT AND
DISPOSITION OF COMPRESSED
GASES AND THEIR CYLINDERS

THIRD EDITION

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NOTE—Technical changes from the previous edition are underlined.

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1 Introduction

This publication addresses the disposition of compressed gas cylinders and their contents.

2 Scope and purpose

The information in this publication is intended for use by customers, shippers, carriers, distributors, safety and environmental administrators, and others desiring an introductory knowledge of the subject. Anyone requiring more detailed or specialized information should consult their compressed gas supplier.

The purpose of this publication is to increase awareness of important safety and environmental issues regarding the proper handling, transportation, and disposition of cylinders and cylinder contents for the following conditions:

- cylinders containing unknown or potentially contaminated contents;
- cylinders of questionable integrity; and
- cylinders destined for decommissioning.

Never attempt to handle, transport, or dispose of problem cylinders or their contents without the assistance of specially trained and qualified personnel. Improper handling can result in serious injury or death. Potential hazards include explosions or release of contents under pressure that can be toxic, poisonous, corrosive, or highly reactive. If a problem cylinder is found, contact the supplier immediately.

3 Definitions

For the purposes of this publication, the following definitions apply.

3.1 Publication terminology

3.1.1 Shall

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

3.1.2 Should

Indicates that a procedure is recommended.

3.1.3 May

Indicate that the procedure is optional.

3.1.4 Will

Is used only to indicate the future, not a degree of requirement.

3.1.5 Can

Indicates a possibility or ability.

3.2 Technical definitions

3.2.1 Abandoned cylinder

Cylinder for which no owner or the cylinder's contents can be identified.

NOTE—An abandoned cylinder should be considered to have unknown contents regardless of identifying marks, labeling, and valve configuration.

3.2.2 Analysis

Scientific procedure using recognized analytical protocols to produce sufficient data that identifies the compound or compounds that make up the sample.