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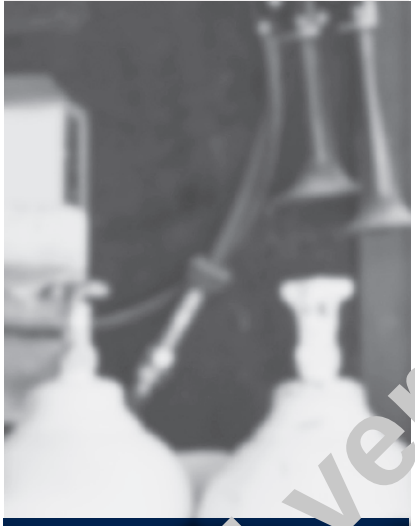

2ND EDITION

CGA P-67 — 2024

GUIDELINE FOR THE SAFE TRANSPORT OF MEDICAL OXYGEN OR OXYGEN CONCENTRATORS FOR PERSONAL USE

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Work Item 21-046
Safety and Health Committee

NOTE—Technical changes from the previous edition are underlined.

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FIRST EDITION: 2017

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1 Scope and purpose

This guideline provides information for the compressed gas industry and operators of private, public, and commercial vehicles who will be transporting users of medical oxygen on the safe storage and handling of medical oxygen. It addresses medical oxygen in high pressure cylinders and liquid oxygen containers as well as medical oxygen produced by oxygen concentrators. See the figures in Appendix A for examples of these types of medical oxygen containers and devices.

This publication includes guidance on the properties and hazards of oxygen and the segregation and securing of cylinders/containers in passenger and cargo areas. It should not be assumed that all applicable safety and security precautions or regulations are presented in this publication.

Private, public, and commercial vehicles are those intended for the transportation of passengers. Examples include but are not limited to aircraft, trains, buses, cruise ships, taxis, shuttles, and automobiles. Vehicles not covered in this publication are those for emergency response.

This publication does not address oxygen that is carried or generated on public and commercial transportation for emergency purposes or that has not been prescribed for personal use, e.g., drop down oxygen masks on aircraft.

2 Definitions

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

2.1 Publication terminology

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

2.1.2 Should
Indicates that a procedure is recommended.

2.1.3 May
Indicates that the procedure is optional.

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

2.1.5 Can
Indicates a possibility or ability.

2.2 Technical definitions

2.2.1 Container
Vessel meeting the specifications of the U.S. Department of Transportation (DOT), Transport Canada (TC), or the American Society of Mechanical Engineers (ASME), which are of various shapes, sizes, materials of construction, and design.

NOTE—Containers as used in this publication include high pressure cylinders and liquid oxygen units.

2.2.2 Medical oxygen
Oxygen that conforms to the U.S. Pharmacopeia monograph (Oxygen USP) and which is manufactured and labeled in accordance with U.S. Food and Drug Administration (FDA) or Health Canada requirements [1, 2, 3].[1]

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