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(Formerly TB-20)

REAFFIRMED 2022

STANDARD FOR REQUIRED MARKINGS AND MANUFACTURER IDENTIFICATION ON POST-TYPE MEDICAL CYLINDER VALVES

FIRST EDITION

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Work Item 21-050
Cylinder Valve Committee

NOTE—Technical changes from TB-20—2009 edition are underlined.

NOTE—Appendix A (Informative) is for information only.

NOTE—No technical information has been changed from the 2016 edition. This reaffirmed edition may include minor editorial changes.

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1 Introduction

Every year, millions of medical gas cylinders and post-type medical cylinder valves are transported and used without incident. However, there are occasions when fillers and users need to identify the valve manufacturer and manufacture date of the valve.

2 Scope

This publication outlines required markings for manufacturers of post-type medical cylinder valves and provides a simplified method to identify the manufacturer and manufacture date of the valve.

3 Definitions

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

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.

3.1.2 Should

Indicates that a procedure is recommended.

3.1.3 May

Indicates 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.

4 Background

The compressed gas industry has recognized the need to provide fillers and users of medical gas cylinders with a more definitive means to identify a manufacturer of a post-type medical cylinder valve and the date that a valve is manufactured. This publication is a collaborative effort of fillers, users, and manufacturers of these valves who agreed that a standard date code and a registered manufacturer name or identifying symbol should be marked on future valves.

To implement this program, manufacturers shall register their name and corresponding symbols with the Compressed Gas Association (CGA). See Appendix A.

5 Medical valve markings

Prior to January 16, 2002, there were no CGA requirements for traceability markings on post-type medical gas cylinder valves.

Effective January 16, 2002, all post-type medical gas cylinder valves are required to have traceability markings as follows:

- The manufacturer name or identifying symbol and the manufacture date shall be permanently marked on the valve to be visible when installed in a cylinder;
- The manufacturer name or identifying symbol and the manufacture date shall be located on the same side of the valve for ease of viewing;