



**CGA C-26—2021**  
**GUIDELINE FOR THE POST**  
**MANUFACTURE TARE WEIGHT**  
**MARKING OF CYLINDERS**

**SECOND EDITION**

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Work Item 21-023  
Cylinder Specifications Committee

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NOTE—Technical changes from the previous edition are underlined.

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## 1 Scope

This publication defines terminology, requirements, and procedures for the post manufacture marking of tare weights on cylinders of 1000 lb (454 kg) or less water capacity to be filled with liquefied compressed gas and other gases where the cylinder could require a tare weight. This publication does not apply to cylinders used in acetylene service.

The information contained in this publication enhances the safety of packaging offered for transportation. These recommendations in no way supersede any existing state or local regulations or regulations of any other jurisdictions.

This publication does not address the requirements of filling cylinders with a liquefied gas. For liquefied gas filling, see Parts 173.304, 173.304a, and 173.304b of Title 49 of the U.S. *Code of Federal Regulations* (49 CFR) or CSA B340, *Selection and use of cylinders, spheres, tubes, and other containers for the transportation of dangerous goods, Class 2*, for specific requirements [1, 2].

Also, this publication does not specifically address the following issues:

- Determination of maximum fill densities (see 49 CFR 173.304, 173.304a, 173.304b, or CSA B340) [1, 2];
- Determination of water capacities;
- CGA outlets (see CGA V-1, *Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections* and CGA V-7, *Standard Method of Determining Cylinder Valve Outlet Connections for Industrial Gas Mixtures*) [3, 4];
- Cylinder types and ratings (see 49 CFR 173.304, 173.304a, 173.304b, or CSA B340) [1, 2]; and
- Pressure relief device (PRD) requirements (49 CFR 173.301(f) refers to CGA S-1.1, *Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases*, which refers to CGA S-7, *Standard Method for Selecting Pressure Relief Devices for Compressed Gas Mixtures in Cylinders*) [1, 5, 6].

## 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 Liquefied compressed gas

Gas that under the filled pressure is partially liquid at a temperature of 68 °F (20 °C).