

Your CGA Collection on ASTM Compass®

The Compressed Gas Association is a leading authority on technical and safety information for the industrial, medical, and food gases industry in North America and around the world. CGA members are committed to the continuous advancement of industry safety.

CGA content includes

- **Acetylene**
Technical, safety, and other matters directly concerning acetylene gas, equipment, and operating procedures affecting the compressed gas industry.
- **Atmospheric Gases and Equipment**
Cryogenic and non-cryogenic processes and equipment for the separation and liquefaction of the atmospheric gases, helium, and hydrogen. Including product handling equipment, such as compressors, cold boxes, expansion machines, pumps, bulk storage, pipelines, bulk gas systems at consumer sites, and tanker loading facilities (tankers, customer station design and cylinder handling facilities are excluded).
- **Bulk Gas Distribution Equipment and Standards**
Standards for the design, manufacture, operation, and maintenance of bulk distribution equipment and systems for industrial gases, cryogenic liquids, and related products.
- **Carbon Dioxide**
Safety publications that relate to the carbon dioxide industry. Provides guidance to government regulators in the creation of rules and regulations. Encourages standardization within the carbon dioxide industry, i.e., specifications for carbon dioxide and standards for related equipment in order to enhance safety, quality and productivity.
- **Gas Cylinder Specifications**
Gas container safety and usage standards, safe practices, and sound manufacturing practices for the gas industry. Standardized compliance with regulatory and industry principles related to gas containment.
- **Cylinder Valves**
Industry standards for valves and their inlet and outlet connections, (excluding pressure relief devices) which may be used on cylinders, and other containers.
- **Food Grade Gases**
Standardized safe practices with regulatory and industry principles related to food and beverage gases.
- **Hydrogen Technology**
Classification guidelines and standards for pressure vessels and other shipping containers (manufacturing, use, and requalification), associated appurtenances, and storage and filling systems used in metal hydride and alternate hydrogen fuel technologies.
- **HYCO**
Publications to address the safe operation of plants producing hydrogen, carbon monoxide and synthesis gas (commonly known as HyCO Plants) and related materials affecting the compressed gas industry.
- **Liquefied Petroleum Gas**
Product and safety information for producers, marketers, and users of liquefied petroleum gases through uniform, standardized technical and safety guidelines and standards for the transportation, equipment, containers, filling, storage, and handling of these gases.
- **Medical Grade Equipment**
Practices for compliance with regulatory and industry principles related to medical drug and device gases.
- **Natural Gas Technology**
Safe practices with regulatory and industry principles related to compressed natural gas (CNG) and liquefied natural gas (LNG).
- **Process Safety**
Guides and processes for the identification, development, and communication of risk management system best practices related to process safety in the compressed gas industry. This includes providing guidance on information regarding process safety that is needed in support of industrial gas facilities and industrial gas supply systems provided at business sites.
- **Specialty Gases**
Technical knowledge with regards to the manufacture, packaging, transportation, and use of specialty gases across various industries including chemical process, semiconductor, environmental, etc.




Your Portal for Standards, Testing, Learning & More

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