

**STANDARD PRACTICE INSTRUCTION****DATE:** \_\_\_\_\_**SUBJECT:** Compressed Gas Safety Practices Program.**REGULATORY STANDARDS:** OSHA - 29 CFR 1910.101 - 105  
CGA - CGA Pamphlets G-1, 4, 4.1, 5, 6, 8.1,  
P-1, 2, V-1, SB-2

**BASIS::** OSHA Requires all employer's to maintain a written program. Because some compressed gases are flammable, toxic or both and all are under pressure, they must be used, handled, and stored with extreme care. An exploding cylinder can have the same destructive effect as a bomb. This poses a serious problem for exposed workers and their employer. The OSHA Compressed Gas Safety Standards establish uniform requirements to ensure that the hazards of compressed gases in U.S. workplaces are evaluated, safety procedures implemented, and that the proper hazard information is transmitted to all affected workers.

**GENERAL:** ABC Corporation will ensure that work practices that involve the inspection, use, and storage of compressed gases are evaluated to determine if proper safety precautions are instituted within our company. This Standard Practice Instruction is intended to provide employees with general safety guidelines concerning safe use of compressed gases. Where detailed specific information is needed concerning compressed gases, the appropriate Compressed Gas Association (CGA) literature will be consulted. It should not be assumed that every acceptable safety precaution is contained herein or that unusual circumstances may not require further or additional procedures. Employee's will cease operations with compressed gas if there is any question regarding it's use, or if an unsafe condition is suspected or discovered.

**RESPONSIBILITY:** The company Safety Officer is \_\_\_\_\_. He/she is solely responsible for all facets of this program and has full authority to make necessary decisions to ensure success of the program. The Safety Officer will develop written detailed instructions covering each of the basic elements in this program, and is the sole person authorized to amend these instructions. This company has expressly authorized the Safety Officer to halt any operation of the company where there is danger of serious personal injury.

## Contents of the Compressed Gas Safety Practices Program

1. **Written Program.**
2. **Initial Training.**
3. **Refresher Training.**
4. **Safe Handling Procedures for Compressed Gases.**
5. **General Safety Rules for Specific Types of Gases.**
6. **Visual Inspection of Compressed Gas Cylinders.**
7. **General Company Safety Rules for Use of Compressed Gas.**
8. **Compressed Gas Storage Locations.**
9. **Facility/Department Evaluation.**
10. **Compressed Gas Association Safety Manuals.**

## **ABC Corporation Compressed Gas Safety Practices Program**

**1. Written Program.** ABC Corporation will review and evaluate this standard practice instruction on an annual basis, or when changes occur to regulations that govern this program, that prompt revision of this document, or when facility operational changes occur that require a revision of this document. Effective implementation of this program requires support from all levels of management within this company. This written program will be communicated to all personnel that are affected by it. It encompasses the total workplace, regardless of number of workers employed or the number of work shifts. It is designed to establish clear goals, and objectives.

**2. Initial Training.** Initial training will be provided before job assignment. This employer shall provide training to ensure that the purpose and function of the compressed gas safety program is understood by employees and that the knowledge and skills required for the safe application, and usage, of compressed gases are acquired by employees. The training shall include the following:

2.1 Applicable hazards. Each authorized employee shall receive training in the recognition of applicable hazards associated with compressed gases, and the methods and means necessary for safe operation.

2.2 Purpose and use. Each affected employee shall be instructed in the purpose and use of the compressed gas they will come in contact

2.3 Awareness level training. All other employees whose work operations are or may be in an area where compressed gas may be utilized, shall be instructed about the emergency procedure, and about the prohibition(s) relating to compressed gases used in their work area.

2.4 Warning labels. All employees whose work operations are or may be in an area where compressed gas may be utilized, shall be instructed in the recognition and use of warning labels.

2.5 Storage requirements. Storing and handling requirements will be covered in accordance with this SPI.

2.6 Handling requirements. Handling requirements will be covered in accordance with this SPI.

2.7 Moving requirements. Moving requirements will be covered in accordance with this SPI.

2.8 Connecting and disconnecting requirements. Connecting and disconnecting requirements will be covered in accordance with this SPI.

2.9 Health hazards regarding specific gases. Health hazard regarding specific gases will be covered in accordance with this SPI.

2.10 General safety precautions. General safety precautions will be covered in accordance with this SPI.

2.11 Certification. This employer shall certify that employee training has been accomplished and is being kept up to date. The certification shall contain each employee's name and dates of training.

2.12 Authorized trainers. This employer shall provide the necessary training to the below named employees (or job titles) to function as Compressed Gas Safety Trainers (CGST).

**COMPRESSED GAS SAFETY TRAINERS (CGST)**

<b><u>Title</u></b>	<b><u>Member</u></b>
CGST	Department Manager
CGST	Safety Officer
CGST	First Line Supervisors
CGST	_____
CGST	_____
CGST	_____
CGST	_____
CGST	_____

**3. Refresher Training.** Refresher will be conducted on a(n) \_\_\_\_\_ basis. Retraining shall be provided for all authorized and affected employees whenever there is a change in their job assignments, a change in the type of gas used, equipment or processes that present a new hazard, or when there is a change in operating procedures.

**END OF SAMPLE**

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