

NSTC 319, Compressed Gas Cylinder Safety (4 hours)

This course seeks to enhance the safety aspects of using, storing, and handling compressed gas cylinders. It addresses topics such as: An introduction to existing standards and requirements for gas cylinders, properties and hazards of common cylinder gases, operations and storage, marking and tagging, inspection items for cylinders and their components, and use of flex hoses & restraints. This course will include the use of lessons learned from NASA mishaps and close calls to drive home the hazards associated with typical compressed gas cylinder operations.



Target Audience:

- Facility/Lab system safety, quality, and maintainability professionals
- Operators, technicians, supervisors and others who may have the occasion to inspect and/or work around/with compressed gas cylinders and/or who may write procedures including the use of compressed gas cylinders.

No CEUs are available for this course

Instructor:

Mr. Robert "Bob" Fischer, Principal Engineer, employed with Quantum Technology Services Inc., (QTSI), Cocoa Beach, FL, holds a B.S. degree in Aeronautical Engineering from the University of Colorado.. He has extensive experience in fluids systems design, fabrication and operations as associated with missile and space launch ground support equipment. Although his expertise is in cryogenic systems, he was supervisor of the Converter Compressor Facility gaseous supply facilities for the Apollo and Space Shuttle programs at the Kennedy Space Center (KSC). He has been manager of cryogenic design groups both for NASA contractors and private industry. During his 30 plus years in the propellants field, he has presented papers at various seminars and corporate executive briefings. In addition, he still remains as a supporting guest on the KSC Pressure Vessel/System Certification Committee.

Although retired, he has served as a consultant for many NASA contractors requiring his expertise in design and certification of propellant systems.

Date:

Two classes August 4, 2005
8:00 – 12:00 & 1:00 – 4:00
August 5, 2005
8:00 – 12:00

Location:

Marshall Space Flight Center

To register, please contact:

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