



Oxygen Systems: Operations & Maintenance

October 6, 2009, Hilton Berlin Hotel, Berlin, Germany

Presented in conjunction with the ASTM Twelfth International Symposium on Flammability and Sensitivity of Materials in Oxygen-Enriched Atmospheres (October 7-9)

Why You Should Attend

This course will address topics such as oxygen compatibility, identifying and evaluating hazards in oxygen systems, managing risks in oxygen systems, minimizing the severity of the environment, choosing materials to withstand the environment, and good practices for oxygen systems operation and maintenance. It is specifically intended for anyone who operates or maintains any type of oxygen system.

Special Benefits

1. Learn from an instructor who is an expert in the field.
2. Gives you the opportunity to discuss your special situations with this expert.
3. Receive a 46-page course workbook, including a free copy of ASTM Standard Guide G 128
4. Earn Certificate of Completion and 0.4 Continuing Education Units (CEUs)

Who Should Attend

Those involved in the production or use of liquid or gaseous oxygen or oxygen-enriched gas mixtures, including:

- * Technicians
- * Plant Managers and Operators
- * Safety Professionals

Course Outline

- * Why Study Oxygen Compatibility?
 - The Risks
- * Managing Risks in Oxygen Systems
 - Fire Triangle
- * Minimizing the Severity of the Environment
 - Ignition Mechanisms (Particle Impact; Adiabatic Compression; Flow Friction; Contaminant Promotion; Others
- * Choosing Materials to Withstand the Environment
 - Materials Selection

- * Good Practices
- * Configuration Control
- * Designing to Manage Fires

Referenced Document

G 128 Standard Guide for Control of Hazards and Risks in Oxygen-Enriched Systems

About ASTM International and Committee G04

Established in 1898, ASTM International is one of the world's largest voluntary standards development organizations. ASTM standards have grown to be among the world's most widely used and accepted documents. The 82-volume *Annual Book of ASTM Standards* (now available in print, on CD ROM, and online) contain 12,000 standards written by 34,000 members on our 140 technical committees. Committee G04 on Compatibility and Sensitivity of Materials in Oxygen-Enriched Atmospheres developed the standards used in this course. For more information, contact Jennifer Rodgers at 610-832-9694 or jrodgers@astm.org.

Registration

Fee: USD\$595.00. If paying by check or money order make payable to ASTM Technical & Professional Training Dept. 3051

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