ASTM International Technical Committee G04 on Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres

Scope

The development and promulgation of test methods, definitions, recommended practices, and classifications for determining the compatibility and sensitivity of materials and configurations and applications intended for use in systems subjected to enriched oxygen atmospheres, taking into consideration but not limited to, ignition, combustion, offgassing and reaction products and decomposition tendencies. The Committee will also concern itself with the promotion and dissemination of knowledge related thereto. This Committee will coordinate its activities with other ASTM Committees and other organizations with mutual interests.

Technical Subcommittees

- G04.01 Test Methods
- G04.02 Recommended Practices
- G04.90 Executive

Key Documents

- G88 Standard Guide for Designing Systems for Oxygen Service
- G93 Standard Practice for Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen-Enriched Environments
- G127 Standard Guide for the Selection of Cleaning Agents for Oxygen-Enriched Systems

Quick Facts

Established 1975
Number of Members 85+
Number of Standards 22
Global Participation
9 Countries represented
The standards are available in Volume 14.04 in the Annual Book of ASTM Standards
Meetings G04 Meets twice each year, in April and October

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