



Designation: ~~D 2472 – 92 (Reapproved 1997)~~ 2472 – 00

Standard Specification for Sulfur Hexafluoride ¹

This standard is issued under the fixed designation D 2472; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification applies to sulfur hexafluoride for use as an electrical insulating gas.

NOTE 1—This specification is intended to apply only to gas as purchased. However, the test methods referred to in this standard may be useful in the evaluation of in-service or used gas. Test Method D 2284 may be particularly helpful since many sulfur hexafluoride decomposition products are acidic. Test Method D 2284 should not be used to evaluate the total amount of sulfur hexafluoride decomposition nor to identify contaminant species. This can only be done by gas chromatography and similar instrumental techniques.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This specification is under the jurisdiction of ASTM Committee D-27 on Electrical Insulating Liquids and Gases and is the direct responsibility of Subcommittee D27.02 on Gases and Synthetic Liquids.

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