This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Designation: D5681 – 22$^{\varepsilon 1}$

Standard Terminology for Waste and Waste Management[1]

This standard is issued under the fixed designation D5681; 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.

ε[1] NOTE—The definition for 'PFAS' was editorially updated in December 2022.

1. Scope

1.1 This terminology contains standard definitions of terms used in the general area of waste and waste management. It is intended to promote understanding by providing precise technical definitions of terms used in the standards developed by Committee D34 and its subcommittees.

1.2 Terms used only within an individual standard, and having a meaning unique to that standard, may be defined or explained in the terminology section of that individual standard.

1.3 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*[2]

D1129 Terminology Relating to Water
D4439 Terminology for Geosynthetics
D4448 Guide for Sampling Ground-Water Monitoring Wells
D4547 Guide for Sampling Waste and Soils for Volatile Organic Compounds
D4646 Test Method for 24-h Batch-Type Measurement of Contaminant Sorption by Soils and Sediments
D4790 Terminology of Aromatic Hydrocarbons and Related Chemicals
D4874 Test Method for Leaching Solid Material in a Column Apparatus (Withdrawn 2021)[3]
D5120 Test Method for Inhibition of Respiration in Microbial Cultures in the Activated Sludge Process (Withdrawn 2014)[3]
D5231 Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste
D5285 Test Method for 24-Hour Batch-Type Measurement of Volatile Organic Sorption by Soils and Sediments (Withdrawn 2008)[3]
D5368 Test Methods for Gravimetric Determination of Total Solvent Extractable Content (TSEC) of Solid Waste Samples (Withdrawn 2014)[3]
D5369 Practice for Extraction of Solid Waste Samples for Chemical Analysis Using Soxhlet Extraction (Withdrawn 2016)[3]
D5468 Test Method for Gross Calorific and Ash Value of Waste Materials (Withdrawn 2016)[3]
D5660 Test Method for Assessing the Microbial Detoxification of Chemically Contaminated Water and Soil Using a Toxicity Test with a Luminescent Marine Bacterium (Withdrawn 2014)[3]
D5679 Practice for Sampling Consolidated Solids in Drums or Similar Containers
D5680 Practice for Sampling Unconsolidated Solids in Drums or Similar Containers
D5743 Practice for Sampling Single or Multilayered Liquids, with or Without Solids, in Drums or Similar Containers
D5744 Test Method for Laboratory Weathering of Solid Materials Using a Humidity Cell
D5745 Guide for Developing and Implementing Short-Term Measures or Early Actions for Site Remediation
D5746 Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities
D5759 Guide for Characterization of Coal Fly Ash and

[1] This terminology is under the jurisdiction of ASTM Committee D34 on Waste Management and is the direct responsibility of Subcommittee D34.94 on Terminology.

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[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

[3] The last approved version of this historical standard is referenced on www.astm.org.

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