

Contents

ASTM STANDARDS ON INDOOR AIR QUALITY

In the serial designations prefixed to the following titles, the number following the dash indicates the year of original issue, or in the case of revision, the year of last revision. Thus, standards adopted or revised during the year 2007 have as their final number 07. A letter following this number indicates more than one revision during that year, that is, 07a indicates the second revision in 2007, 07b the third revision, etc. Standards that have been reapproved without change are indicated by the year of last reapproval in parentheses as part of the designation number, for example, (2007). A superscript epsilon (^ε) indicates an editorial change since the last revision or reapproval—^{ε1} for the first change, ^{ε2} for the second change, etc.

D 1356 – 05	Terminology Relating to Sampling and Analysis of Atmospheres
D 3162 – 94(2005)	Test Method for Carbon Monoxide in the Atmosphere (Continuous Measurement by Nondispersive Infrared Spectrometry)
D 3824 – 95(2005)	Test Methods for Continuous Measurement of Oxides of Nitrogen in the Ambient or Workplace Atmosphere by the Chemiluminescent Method
D 4861 – 05	Practice for Sampling and Selection of Analytical Techniques for Pesticides and Polychlorinated Biphenyls in Air
D 4947 – 05	Test Method for Chlordane and Heptachlor Residues in Indoor Air
D 5075 – 01	Test Method for Nicotine and 3-Ethenylpyridine in Indoor Air
D 5110 – 98(2004)	Practice for Calibration of Ozone Monitors and Certification of Ozone Transfer Standards Using Ultraviolet Photometry
D 5116 – 06	Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions From Indoor Materials/Products
D 5149 – 02	Test Method for Ozone in the Atmosphere: Continuous Measurement by Ethylene Chemiluminescence
D 5156 – 02	Test Methods for Continuous Measurement of Ozone in Ambient, Workplace, and Indoor Atmospheres (Ultraviolet Absorption)
D 5157 – 97(2003) ^{ε1}	Guide for Statistical Evaluation of Indoor Air Quality Models
D 5197 – 03	Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology)
D 5438 – 05	Practice for Collection of Floor Dust for Chemical Analysis
D 5466 – 01	Test Method for Determination of Volatile Organic Chemicals in Atmospheres (Canister Sampling Methodology)
D 5755 – 03	Test Method for Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Structure Number Surface Loading
D 5756 – 02	Test Method for Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Mass Surface Loading
D 5791 – 95(2006)	Guide for Using Probability Sampling Methods in Studies of Indoor Air Quality in Buildings
D 5952 – 02	Guide for Inspecting Water Systems for Legionellae and Investigating Possible Outbreaks of Legionellosis (Legionnaires' Disease or Pontiac Fever)
D 5955 – 02	Test Methods for Estimating Contribution of Environmental Tobacco Smoke to Respirable Suspended Particles Based on UVPM and FPM
D 6176 – 97(2003)	Practice for Measuring Surface Atmospheric Temperature with Electrical Resistance Temperature Sensors
D 6177 – 97(2003)	Practice for Determining Emission Profiles of Volatile Organic Chemicals Emitted from Bedding Sets
D 6178 – 97(2003)	Practice for Estimation of Short-term Inhalation Exposure to Volatile Organic Chemicals Emitted from Bedding Sets
D 6196 – 03	Practice for Selection of Sorbents, Sampling, and Thermal Desorption Analysis Procedures for Volatile Organic Compounds in Air
D 6245 – 98(2002)	Guide for Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation
D 6271 – 04	Test Method for Estimating Contribution of Environmental Tobacco Smoke to Respirable Suspended Particles Based on Solanesol

CONTENTS

D 6281 – 06	Test Method for Airborne Asbestos Concentration in Ambient and Indoor Atmospheres as Determined by Transmission Electron Microscopy Direct Transfer (TEM)
D 6306 – 98(2003)	Guide for Placement and Use of Diffusion Controlled Passive Monitors for Gaseous Pollutants in Indoor Air
D 6327 – 98(2004)	Test Method for Determination of Radon Decay Product Concentration and Working Level in Indoor Atmospheres by Active Sampling on a Filter
D 6329 – 98(2003)	Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers
D 6330 – 98(2003)	Practice for Determination of Volatile Organic Compounds (Excluding Formaldehyde) Emissions from Wood-Based Panels Using Small Environmental Chambers Under Defined Test Conditions
D 6332 – 99(2005)	Guide for Testing Systems for Measuring Dynamic Responses of Carbon Monoxide Detectors to Gases and Vapors
D 6333 – 98(2004) ^{e1}	Practice for Collection of Dislodgeable Pesticide Residues from Floors
D 6345 – 98(2004) ^{e1}	Guide for Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air
D 6399 – 04	Guide for Selecting Instruments and Methods for Measuring Air Quality In Aircraft Cabins
D 6480 – 05	Test Method for Wipe Sampling of Surfaces, Indirect Preparation, and Analysis for Asbestos Structure Number Surface Loading by Transmission Electron Microscopy
D 6485 – 99(2004)	Guide for Risk Characterization of Acute and Irritant Effects of Short-Term Exposure to Volatile Organic Chemicals Emitted from Bedding Sets
D 6620 – 06	Practice for Asbestos Detection Limit Based on Counts
D 6669 – 01a	Practice for Selecting and Constructing Exposure Scenarios for Assessment of Exposures to Alkyd and Latex Interior Paints
D 6670 – 01	Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products
D 6803 – 02	Practice for Testing and Sampling of Volatile Organic Compounds (Including Carbonyl Compounds) Emitted from Paint Using Small Environmental Chambers
D 7034 – 05	Guide for Deriving Acceptable Levels of Airborne Chemical Contaminants in Aircraft Cabins Based on Health and Comfort Considerations
D 7143 – 05	Practice for Emission Cells for the Determination of Volatile Organic Emissions from Indoor Materials/Products
E 104 – 02	Practice for Maintaining Constant Relative Humidity by Means of Aqueous Solutions
E 241 – 04	Guide for Limiting Water-Induced Damage to Buildings
E 337 – 02	Test Method for Measuring Humidity with a Psychrometer (the Measurement of Wet- and Dry-Bulb Temperatures)
E 609 – 05	Terminology Relating to Pesticides
E 620 – 04	Practice for Reporting Opinions of Scientific or Technical Experts
E 741 – 00(2006)	Test Method for Determining Air Change in a Single Zone by Means of a Tracer Gas Dilution
E 779 – 03	Test Method for Determining Air Leakage Rate by Fan Pressurization
E 943 – 04a	Terminology Relating to Biological Effects and Environmental Fate
E 1186 – 03	Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems
E 1554 – 03	Test Methods for Determining External Air Leakage of Air Distribution Systems by Fan Pressurization
E 1827 – 96(2002)	Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door
E 1998 – 02	Guide for Assessing Depressurization-Induced Backdrafting and Spillage from Vented Combustion Appliances
E 2128 – 01a	Guide for Evaluating Water Leakage of Building Walls