

ASTM Volume 14.04, July 2025

G122-20 Standard Test Method for Evaluating the Effectiveness of Cleaning Agents and Processes

G93/G93M-19 Standard Guide for Cleanliness Levels and Cleaning Methods for Materials and Equipment Used in Oxygen-Enriched Environments

G21-15(2021)e1 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

R0017 SI Quick Reference Guide: International System of Units (SI) The Modernized Metric System

G152-13(2021) Standard Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials

G153-13(2021) Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials

G222-21 Standard Practice for Estimation of UV Irradiance Received by Field-Exposed Products as a Function of Location

G141-09(2021) Standard Guide for Addressing Variability in Exposure Testing of Nonmetallic Materials

G197-14(2021) Standard Table for Reference Solar Spectral Distributions: Direct and Diffuse on 20° Tilted and Vertical Surfaces

G169-01(2021) Standard Guide for Application of Basic Statistical Methods to Weathering Tests

SI10-16 IEEE/ASTM SI 10 American National Standard for Metric Practice

G7/G7M-21 Standard Practice for Natural Weathering of Materials

G151-19 Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources

G155-21 Standard Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials

E288-10(2017) Standard Specification for Laboratory Glass Volumetric Flasks

G86-17 Standard Test Method for Determining Ignition Sensitivity of Materials to Mechanical Impact in Ambient Liquid Oxygen and Pressurized Liquid and Gaseous Oxygen Environments

E824-10(2018)e1 Standard Test Method for Transfer of Calibration From Reference to Field Radiometers

E1157-87(2018)e1 Standard Specification for Sampling and Testing of Reusable Laboratory Glassware

G124-18 Standard Test Method for Determining the Combustion Behavior of Metallic Materials in Oxygen-Enriched Atmospheres

G121-18 Standard Practice for Preparation of Contaminated Test Coupons for the Evaluation of Cleaning Agents

E1293-02(2019) Standard Specification for Glass Measuring Pipets

E1404-94(2019) Standard Specification for Laboratory Glass Conical Flasks

E676-02(2019) Standard Specification for Interchangeable Taper-Ground Joints

G160-12(2019) Standard Practice for Evaluating Microbial Susceptibility of Nonmetallic Materials By Laboratory Soil Burial

G207-11(2019)e1 Standard Test Method for Indoor Transfer of Calibration from Reference to Field Pyranometers

G179-04(2019) Standard Specification for Metal Black Panel and White Panel Temperature Devices for Natural Weathering Tests

E1403-97(2019) Standard Specification for Laboratory Glass Boiling Flasks

E1273-88(2019) Standard Specification for Color Coding of Reusable Laboratory Pipets

E1878-97(2019) Standard Specification for Laboratory Glass Volumetric Flasks, Special Use

E1522-93(2019) Standard Specification for Autoclavable Protective Coatings on Laboratory Glassware

E128-99(2019) Standard Test Method for Maximum Pore Diameter and Permeability of Rigid Porous Filters for Laboratory Use

E144-14(2020) Standard Practice for Safe Use of Oxygen Combustion Vessels

G166-00(2020) Standard Guide for Statistical Analysis of Service Life Data

G130-12(2020) Standard Test Method for Calibration of Narrow- and Broad-Band Ultraviolet Radiometers Using a Spectroradiometer

G177-03(2020) Standard Tables for Reference Solar Ultraviolet Spectral Distributions: Hemispherical on 37° Tilted Surface

G138-12(2020)e1 Standard Test Method for Calibration of a Spectroradiometer Using a Standard Source of Irradiance

E898-20 Standard Practice for Calibration of Non-Automatic Weighing Instruments

E960-93(2021) Standard Specification for Laboratory Glass Beakers

E1380-90(2021) Standard Specification for Color Coding of Laboratory Pipets with Multiple Graduations, 0.1 mL and Larger, But Excluding Disposable Prothrombin and Disposable Micropipets

E982-94(2021) Standard Specification for Laboratory Glass Test Tubes

E1048-88(2021) Standard Specification for Color-Coding Pipets or Containers Coated With Anticoagulants

E911-98(2021) Standard Specification for Glass Stopcocks with
Polytetrafluoroethylene (PTFE) Plugs

E1094-04(2021) Standard Specification for Pharmaceutical Glass Graduates

E1047-85(2021) Standard Specification for Blood Sedimentation Tube,
Wintrobe, Glass, Disposable

E890-94(2021) Standard Specification for Disposable Glass Culture Tubes

E714-94(2021) Standard Specification for Disposable Glass Serological Pipets

E1046-85(2021) Standard Specification for Glass Westergren Tube, Disposable

E934-94(2021) Standard Specification for Serological Pipet, Disposable Plastic

E734-80(2021) Standard Specification for Disposable Glass Blood Sample
Capillary Tube (Microhematocrit)

E961-97(2021) Standard Specification for Blood Sedimentation Tube, Wintrobe,
Glass, Reusable

G88-21 Standard Guide for Designing Systems for Oxygen Service

G74-13(2021) Standard Test Method for Ignition Sensitivity of Nonmetallic
Materials and Components by Gaseous Fluid Impact

G114-21 Standard Practices for Evaluating the Age Resistance of Polymeric
Materials Used in Oxygen Service

G24-21 Standard Practice for Conducting Exposures to Daylight Filtered
Through Glass

G29-21 Standard Practice for Determining Cyanobacterial Resistance of
Polymeric Films

E1045-00(2022) Standard Specification for Pipet, Sahli Hemoglobin

E1092-91(2022) Standard Specification for Glass Micro Folin Pipet, Disposable

E1095-99(2022) Standard Specification for Common Laboratory Glass Funnels

E1133-86(2022) Standard Practice for Performance Testing of Packaged Laboratory Apparatus for United States Government Procurements

E1292-94(2022) Standard Specification for Gravity Convection and Forced Ventilation Incubators

E95-68(2022) Standard Specification for Cell-Type Oven with Controlled Rates of Ventilation

E124-94(2022) Standard Specification for Weighing and Drying Apparatus for Microchemical Analysis

E133-92(2022) Standard Specification for Distillation Equipment

E205-96(2022) Standard Specification for Glass and Oxygen Combustion Flask

E211-82(2022) Standard Specification for Cover Glasses and Glass Slides for Use in Microscopy

E542-22 Standard Practice for Gravimetric Calibration of Laboratory Volumetric Instruments

E671-98(2022) Standard Specification for Maximum Permissible Thermal Residual Stress in Annealed Glass Laboratory Apparatus

E715-80(2022) Standard Specification for Gravity-Convection and Forced-Circulation Water Baths

E921-97(2022) Standard Specification for Export Packaged Laboratory Apparatus

E1043-00(2022) Standard Specification for Pipets, Milk and Cream Examination

G94-22 Standard Guide for Evaluating Metals for Oxygen Service

E236-66(2022) Standard Specification for Apparatus for Microdetermination of Alkoxy Groups

E147-61(2022) Standard Specification for Apparatus for Microdetermination of Nitrogen by Kjeldahl Method

E784-89(2022) Standard Specification for Clamps, Utility, Laboratory, and Holders, Buret and Clamp

E1189-00(2022) Standard Specification for Micro-Burets (Koch Style)

E1377-99(2022) Standard Specification for Laboratory Glass Kjeldahl Flasks

E1378-99(2022) Standard Specification for Laboratory Glass Multiple Neck Distilling/Boiling Flasks

E1379-90(2022) Standard Specification for Laboratory Glass Dewar Flask

E1405-98(2022) Standard Specification for Laboratory Glass Distillation Flasks

E1406-95(2022) Standard Specification for Laboratory Glass Filter Flasks

G144-01(2022) Standard Test Method for Determination of Residual Contamination of Materials and Components by Total Carbon Analysis Using a High Temperature Combustion Analyzer

G213-17(2023) Standard Guide for Evaluating Uncertainty in Calibration and Field Measurements of Broadband Irradiance with Pyranometers and Pyrheliometers

G154-23 Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Materials

G22-23 Standard Practice for Determining Resistance of Plastics to Bacteria

G167-15(2023) Standard Test Method for Calibration of a Pyranometer Using a Pyrheliometer

G178-16(2023) Standard Practice for Determining the Activation Spectrum of a Material (Wavelength Sensitivity to an Exposure Source) Using the Sharp Cut-On Filter or Spectrographic Technique

E1154-23 Standard Specification for Piston or Plunger Operated Volumetric Apparatus and Operator Qualification

G127-15(2023) Standard Guide for the Selection of Cleaning Agents for Oxygen-Enriched Systems

G128/G128M-15(2023) Standard Guide for Control of Hazards and Risks in Oxygen Enriched Systems

G63-15(2023) Standard Guide for Evaluating Nonmetallic Materials for Oxygen Service

G125-00(2023) Standard Test Method for Measuring Liquid and Solid Material Fire Limits in Gaseous Oxidants

G120-15(2023) Standard Practice for Determination of Soluble Residual Contamination by Soxhlet Extraction

G224-23 Standard Practice for Operating UVC Lamp Apparatus for Exposure of Materials

E816-15(2023) Standard Test Method for Calibration of Pyrheliometers by Comparison to Reference Pyrheliometers

G183-15(2023) Standard Practice for Field Use of Pyranometers, Pyrheliometers and UV Radiometers

G126-16(2023) Standard Terminology Relating to the Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres

G145-08(2023) Standard Guide for Studying Fire Incidents in Oxygen Systems

G131-96(2023)e1 Standard Practice for Cleaning of Materials and Components by Ultrasonic Techniques

G136-03(2023)e1 Standard Practice for Determination of Soluble Residual Contaminants in Materials by Ultrasonic Extraction

G214-23 Standard Test Method for Integration of Digital Spectral Data for Weathering and Durability Applications

G173-23 Standard Tables for Reference Solar Spectral Irradiances: Direct Normal and Hemispherical on 37° Tilted Surface

G90-23 Standard Practice for Performing Accelerated Outdoor Weathering of Materials Using Concentrated Natural Sunlight

E617-23 Standard Specification for Laboratory Weights and Precision Mass Standards

G201-23 Standard Practice for Conducting Exposures in Outdoor Glass-Covered Exposure Apparatus with Air Circulation

G72/G72M-24 Standard Test Method for Autogenous Ignition Temperature of Liquids and Solids in a High-Pressure Oxygen-Enriched Environment

E123-02(2024) Standard Specification for Apparatus for Determination of Water by Distillation

E237-02(2024) Standard Specification for Laboratory Glass Microvolumetric Vessels (Volumetric Flasks and Centrifuge Tubes)

E438-92(2024) Standard Specification for Glasses in Laboratory Apparatus

E694-18(2024) Standard Specification for Laboratory Glass Volumetric Apparatus

E732-80(2024) Standard Specification for Disposable Pasteur-Type Pipet

E785-81(2024) Standard Specification for Crucibles, Ignition, Laboratory, Metal

E786-81(2024) Standard Specification for Dishes, Evaporating, Platinum

E787-81(2024) Standard Specification for Disposable Glass Micro Blood Collection Pipets

E1044-96(2024) Standard Specification for Glass Serological Pipets (General Purpose and Kahn)

E1096-86(2024) Standard Specification for Laboratory Glass Separatory Funnels

G172-19(2024) Standard Guide for Statistical Analysis of Accelerated Service Life Data

G175-24 Standard Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Pressure Regulators Used for Medical and Emergency Applications

G113-24 Standard Terminology Relating to Natural and Artificial Weathering Tests of Nonmetallic Materials

G156-24 Standard Practice for Selecting and Characterizing Weathering Reference Materials

E677-24 Standard Specification for Interchangeable Spherical Ground Joints

E287-02(2024) Standard Specification for Laboratory Glass Graduated Burets

E672-87(2024) Standard Specification for Disposable Glass Micropipets

E675-02(2024) Standard Specification for Interchangeable Taper-Ground Stopcocks And Stoppers

E788-97(2024) Standard Specification for Pipet, Blood Diluting

E832-81(2024) Standard Specification for Laboratory Filter Papers

E920-97(2024) Standard Specification for Commercially Packaged Laboratory Apparatus

E145-19(2024) Standard Specification for Gravity-Convection and Forced-Ventilation Ovens

E923-97(2024) Standard Specification for Glass Westergren Tube, Reusable

E969-02(2024) Standard Specification for Glass Volumetric (Transfer) Pipets

E1272-02(2024) Standard Specification for Laboratory Glass Graduated
Cylinders

G147-24 Standard Practice for Conditioning and Handling of Materials for
Natural and Artificial Weathering Tests