ASTM Volume 11.04, June 2024

E778-15(2021) Standard Test Methods for Nitrogen in Refuse-Derived Fuel Analysis Samples

D5359-98(2021) Standard Specification for Glass Cullet Recovered from Waste for Use in Manufacture of Glass Fiber

E775-15(2021) Standard Test Methods for Total Sulfur in the Analysis Sample of Refuse-Derived Fuel

D4982-20 Standard Test Methods for Flammability Potential Screening Analysis of Waste

D4547-20 Standard Guide for Sampling Waste and Soils for Volatile Organic Compounds

D7831-20 Standard Practice for Sampling of Tanks by Field Personnel

D6270-20 Standard Practice for Use of Scrap Tires in Civil Engineering Applications

D5283-18 Standard Practice for Generation of Environmental Data Related to Waste Management Activities: Quality Assurance and Quality Control Planning and Implementation

D5232-19 Standard Practice for Determining the Stability and Miscibility of a Solid, Semi-Solid, or Liquid Waste Material

D6009-19 Standard Guide for Sampling Waste Piles

D4447-21 Standard Guide for Disposal of Laboratory Chemicals and Samples

D5633-21 Standard Practice for Sampling with a Scoop

D5495-21 Standard Practice for Sampling with a Composite Liquid Waste Sampler (COLIWASA)

D6050-21 Standard Test Method for Determination of Insoluble Solids in Organic Liquid

Hazardous Waste

D5743-21 Standard Practice for Sampling Single or Multilayered Liquids, with or Without Solids, in Drums or Similar Containers

D7353-21 Standard Practice for Sampling of Liquids in Waste Management Activities Using a Peristaltic Pump

E2787-21 Standard Test Method for Determination of Thiodiglycol in Soil Using Pressurized Fluid Extraction Followed by Single Reaction Monitoring Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

D5451-21 Standard Practice for Sampling Using a Trier Sampler

E2838-21 Standard Test Method for Determination of Thiodiglycol on Wipes by Solvent Extraction Followed by Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

E790-21 Standard Test Method for Residual Moisture in Refuse-Derived Fuel Analysis Samples

E702-21 Standard Specification for Municipal Ferrous Scrap

D6699-16 Standard Practice for Sampling Liquids Using Bailers

D5679-16 Standard Practice for Sampling Consolidated Solids in Drums or Similar Containers

D4843-88(2016) Standard Test Method for Wetting and Drying Test of Solid Wastes

D6759-16 Standard Practice for Sampling Liquids Using Grab and Discrete Depth Samplers

D8064-16 Standard Test Method for Elemental Analysis of Soil and Solid Waste by Monochromatic Energy Dispersive X-ray Fluorescence Spectrometry Using Multiple Monochromatic Excitation Beams

D6346-17 Standard Guide for Accepting, Segregating, and Packaging Materials Collected

Through Household Hazardous Waste Programs

D6956-17 Standard Guide for Demonstrating and Assessing Whether a Chemical Analytical Measurement System Provides Analytical Results Consistent with Their Intended Use

D5057-17 Standard Test Method for Screening Apparent Specific Gravity and Bulk Density of Waste

E1248-90(2017) Standard Practice for Shredder Explosion Protection

E1108-86(2017) Standard Test Method for Determination of the Recovery of a Product in a Materials Separation Device

E708-79(2017) Standard Specification for Waste Glass as a Raw Material for the Manufacture of Glass Containers

D6661-17 Standard Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling

D5975-17 Standard Test Method for Determining the Stability of Compost by Measuring Oxygen Consumption

D5198-17 Standard Practice for Nitric Acid Digestion of Solid Waste

D5929-18 Standard Test Method for Determining Biodegradability of Materials Exposed to Source-Separated Organic Municipal Solid Waste Mesophilic Composting Conditions by Respirometry

D8187-18 Standard Guide for Interpretation of Standard Humidity Cell Test Results

D5013-18 Standard Practices for Sampling Wastes from Pipes and Other Point Discharges

D6063-11(2018) Standard Guide for Sampling of Drums and Similar Containers by Field Personnel

D7858-13(2018) Standard Test Method for Determination of Bisphenol A in Soil, Sludge,

and Biosolids by Pressurized Fluid Extraction and Analyzed by Liquid Chromatography/Tandem Mass Spectrometry

D5744-18 Standard Test Method for Laboratory Weathering of Solid Materials Using a Humidity Cell

E959-83(2018) Standard Test Method for Characterizing the Performance of Refuse Size-Reduction Equipment

E701-80(2018) Standard Test Methods for Municipal Ferrous Scrap

D4979-19 Standard Practice for Physical Description Screening Analysis in Waste

D4981-19 Standard Practice for Screening of Oxidizers in Waste

D4448-01(2019) Standard Guide for Sampling Ground-Water Monitoring Wells

D5358-93(2019) Standard Practice for Sampling With a Dipper or Pond Sampler

D6700-19 Standard Guide for Use of Scrap Tires as Tire-Derived Fuel

E1109-19 Standard Test Method for Determining the Bulk Density of Solid Waste Fractions

D8175-18 Standard Test Method for Finite Flash Point Determination of Liquid Wastes by Pensky-Martens Closed Cup Tester

D8174-18 Standard Test Method for Finite Flash Point Determination of Liquid Wastes by Small-Scale Closed Cup Tester

D6538-12(2019) Standard Guide for Sampling Wastewater With Automatic Samplers

D4978-16 Standard Test Methods for Screening of Reactive Sulfides in Waste

D8310-20 Standard Test Method for Analysis of Target Phenols (TPs) in Soil by Multiple Reaction Monitoring Liquid Chromatography/Mass Spectrometry (LC/MS/MS)

D5058-12(2020) Standard Practices for Compatibility of Screening Analysis of Waste

D8018-15(2020) Standard Test Method for Determination of (Tri-n-butyl)-n-tetradecylphosphonium chloride (TTPC) in Soil by Multiple Reaction Monitoring Liquid Chromatography/Mass Spectrometry (LC/MS/MS)

D5231-92(2016) Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste

E887-21 Standard Test Method for Silica in Refuse-Derived Fuel (RDF) and RDF Ash

E1037-21 Standard Test Method for Measuring Particle Size Distribution of RDF-5

E1266-20 Standard Practice for Processing Mixtures of Lime, Fly Ash, and Heavy Metal Wastes in Structural Fills and Other Construction Applications

D3987-12(2020) Standard Practice for Shake Extraction of Solid Waste with Water

D5759-12(2020) Standard Guide for Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses

D5956-21 Standard Guide for Sampling Strategies for Heterogeneous Wastes

D6044-21 Standard Guide for Representative Sampling for Management of Waste and Contaminated Media

D6232-21 Standard Guide for Selection of Sampling Equipment for Waste and Contaminated Media Data Collection Activities

D6640-21 Standard Practice for Collection and Handling of Soils Obtained in Core Barrel Samplers for Environmental Investigations

D6323-19 Standard Guide for Laboratory Subsampling of Media Related to Waste Management Activities

D6234-13(2020) Standard Test Method for Shake Extraction of Mining Waste by the

Synthetic Precipitation Leaching Procedure

D5833-12(2020) Standard Guide for Source Reduction Reuse, Recycling, or Disposal of Steel Cans

D7294-13(2021) Standard Guide for Collecting Treatment Process Design Data at a Contaminated Site—A Site Contaminated with Chemicals of Interest

D5658-20 Standard Practice for Sampling Unconsolidated Waste from Trucks

E2866-21 Standard Test Method for Determination of Diisopropyl Methylphosphonate, Ethyl Methylphosphonic Acid, Isopropyl Methylphosphonic Acid, Methylphosphonic Acid, and Pinacolyl Methylphosphonic Acid in Soil by Pressurized Fluid Extraction and Analyzed by Li

E791-08(2022) Standard Test Method for Calculating Refuse-Derived Fuel Analysis Data from As-Determined to Different Bases

D6311-98(2022) Standard Guide for Generation of Environmental Data Related to Waste Management Activities: Selection and Optimization of Sampling Design

D5830-22 Standard Test Method for Solvents Analysis in Hazardous Waste Using Gas Chromatography

D5680-14(2022) Standard Practice for Sampling Unconsolidated Solids in Drums or Similar Containers

D4687-14(2022) Standard Guide for General Planning of Waste Sampling

D6982-22 Standard Practice for Detecting Hot Spots Using Point-Net (Grid) Search Patterns

D6907-22 Standard Practice for Sampling Soils and Contaminated Media with Hand-Operated Bucket Augers

D5513-22 Standard Practice for Microwave Digestion of Industrial Furnace Feed Streams

and Waste for Trace Element Analysis

D5530-22 Standard Test Method for Total Moisture of Hazardous Waste Fuel by Karl Fischer Titrimetry

E889-82(2023) Standard Test Method for Composition or Purity of a Solid Waste Materials Stream

D6051-15(2023) Standard Guide for Composite Sampling and Field Subsampling for Environmental Waste Management Activities

E829-23 Standard Practice for Preparing Refuse-Derived Fuel (RDF) Laboratory Samples for Analysis

E777-23 Standard Test Method for Carbon and Hydrogen in the Analysis Sample of Refuse-Derived Fuel

E776-23 Standard Test Method for Determination of Forms of Chlorine in Refuse-Derived Fuel

E711-23e1 Standard Test Method for Gross Calorific Value of Refuse-Derived Fuel by the Bomb Calorimeter

D5050-08(2023) Standard Guide for Commercial Use of Lime Kiln Dusts and Portland Cement Kiln Dusts

E956-83(2023) Standard Classification for Municipal Mixed Nonferrous Metals (MNM)

E1107-15(2023) Standard Test Method for Measuring the Throughput of Resource-Recovery Unit Operations

D7204-23 Standard Practice for Sampling Waste Streams on Conveyors

D7968-23 Standard Test Method for Determination of Polyfluorinated Compounds in Soil by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

D5681-23 Standard Terminology for Waste and Waste Management

D4646-16(2023) Standard Test Method for 24 h Batch-Type Measurement of Contaminant Sorption by Soils and Sediments

D8535-23 Standard Test Method for Determination of Per- and Polyfluoroalkyl Substances (PFAS) in Soil/Biosolid Matrices by Solvent Extraction, Filtering, and Followed by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)

E953-23 Standard Test Method for Fusibility of Refuse-Derived Fuel (RDF) Ash

D5831-23 Standard Practice for Screening Fuels in Soils

D5928-23 Standard Practice for Screening of Waste for Radioactivity

D4793-09(2023) Standard Test Method for Sequential Batch Extraction of Waste with Water

D5233-92(2023) Standard Test Method for Single Batch Extraction Method for Wastes

D5284-09(2023) Standard Test Method for Sequential Batch Extraction of Waste with Acidic Extraction Fluid

D5792-10(2023) Standard Practice for Generation of Environmental Data Related to Waste Management Activities: Development of Data Quality Objectives

D5839-15(2023) Standard Test Method for Trace Element Analysis of Hazardous Waste Fuel by Energy-Dispersive X-Ray Fluorescence Spectrometry

D6052-97(2023) Standard Test Method for Preparation and Elemental Analysis of Liquid Hazardous Waste by Energy-Dispersive X-Ray Fluorescence

D8155-17(2023) Standard Practice for Shake Extraction of Solid Mining and Metallurgical Processing Waste with Water

D5049-23 Standard Practice for Screening of Cyanides in Waste