ASTM Volume 12.01, August 2018

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C696-11 Standard Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Uranium Dioxide Powders and Pellets

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C757-16e1 Standard Specification for Nuclear-Grade Plutonium Dioxide Powder for Light Water Reactors


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C996-15 Standard Specification for Uranium Hexafluoride Enriched to Less Than 5 % ²³⁵U

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C999-17 Standard Practice for Soil Sample Preparation for the Determination of Radionuclides

C1000-11 Standard Test Method for Radiochemical Determination of Uranium Isotopes in Soil by Alpha Spectrometry


C1009-13a Standard Guide for Establishing and Maintaining a Quality Assurance Program for Analytical Laboratories Within the Nuclear Industry

C1022-17 Standard Test Methods for Chemical and Atomic Absorption Analysis of Uranium-Ore Concentrate


C1052-14 Standard Practice for Bulk Sampling of Liquid Uranium Hexafluoride


C1068-15 Standard Guide for Qualification of Measurement Methods by a Laboratory Within the Nuclear Industry

C1075-17 Standard Practices for Sampling Uranium-Ore Concentrate


C1108-17 Standard Test Method for Plutonium by Controlled-Potential Coulometry


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C1165-17 Standard Test Method for Determining Plutonium by Controlled-Potential Coulometry in H2SO4 at a Platinum Working Electrode

C1168-15 Standard Practice for Preparation and Dissolution of Plutonium Materials for Analysis


C1187-15 Standard Guide for Establishing Surveillance Test Program for Boron-Based Neutron Absorbing Material Systems for Use in Nuclear Fuel Storage Racks In a Pool Environment

C1189-11 Standard Guide to Procedures for Calibrating Automatic Pedestrian SNM Monitors


C1210-12 Standard Guide for Establishing a Measurement System Quality Control Program for Analytical Chemistry Laboratories Within the Nuclear Industry

C1215-92(2012)e1 Standard Guide for Preparing and Interpreting Precision and Bias Statements in Test Method Standards Used in the Nuclear Industry


C1233-15 Standard Practice for Determining Equivalent Boron Contents of Nuclear Materials


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C1267-17 Standard Test Method for Uranium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI) Titration in the Presence of Vanadium

C1268-15 Standard Test Method for Quantitative Determination of $^{241}$Am in Plutonium by Gamma-Ray Spectrometry

C1269-97(2012) Standard Practice for Adjusting the Operational Sensitivity Setting of In-Plant Walk-Through Metal Detectors


C1284-10 Standard Practice for Electrodeposition of the Actinides for Alpha Spectrometry

C1287-18 Standard Test Method for Determination of Impurities in Nuclear Grade Uranium Compounds by Inductively Coupled Plasma Mass Spectrometry


C1307-15 Standard Test Method for Plutonium Assay by Plutonium (III) Diode Array Spectrophotometry


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C1343-16 Standard Test Method for Determination of Low Concentrations of Uranium in Oils and Organic Liquids by X-ray Fluorescence


C1346-08(2014) Standard Practice for Dissolution of UF6 from P-10 Tubes

C1347-08(2014)e1 Standard Practice for Preparation and Dissolution of Uranium Materials for Analysis


C1402-17 Standard Guide for High-Resolution Gamma-Ray Spectrometry of Soil Samples

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C1415-14 Standard Test Method for $^{239}\text{Pu}$ Isotopic Abundance By Alpha Spectrometry


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C1441-13 Standard Test Method for the Analysis of Refrigerant 114, Plus Other Carbon-Containing and Fluorine-Containing Compounds in Uranium Hexafluoride via Fourier-Transform Infrared (FTIR) Spectroscopy


C1455-14e1 Standard Test Method for Nondestructive Assay of Special Nuclear Material Holdup Using Gamma-Ray Spectroscopic Methods

C1456-13 Standard Test Method for Determination of Uranium or Gadolinium (or both) in Gadolinium Oxide-Uranium Oxide Pellets or by X-Ray Fluorescence (XRF)

C1457-18 Standard Test Method for Determination of Total Hydrogen Content of Uranium Oxide Powders and Pellets by Carrier Gas Extraction

C1458-16 Standard Test Method for Nondestructive Assay of Plutonium, Tritium and $^{241}\text{Am}$ by Calorimetric Assay


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C1562-10 Standard Guide for Evaluation of Materials Used in Extended Service of Interim Spent Nuclear Fuel Dry Storage Systems


C1572/C1572M-17 Standard Guide for Dry Lead Glass and Oil-Filled Lead Glass Radiation Shielding Window Components for Remotely Operated Facilities


C1615/C1615M-17 Standard Guide for Mechanical Drive Systems for Remote Operation in Hot Cell Facilities

C1625-12 Standard Test Method for Uranium and Plutonium Concentrations and Isotopic Abundances by Thermal Ionization Mass Spectrometry

C1637-13 Standard Test Method for the Determination of Impurities in Plutonium Metal: Acid Digestion and Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) Analysis


C1647-13 Standard Practice for Removal of Uranium or Plutonium, or both, for Impurity Assay in Uranium or Plutonium Materials


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C1672-17 Standard Test Method for Determination of Uranium or Plutonium Isotopic Composition or Concentration by the Total Evaporation Method Using a Thermal Ionization Mass Spectrometer


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C1703-18 Standard Practice for Sampling of Gaseous Uranium Hexafluoride for Enrichment

C1718-10 Standard Test Method for Nondestructive Assay of Radioactive Material by Tomographic Gamma Scanning

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C1831/C1831M-17 Standard Guide for Gamma Radiation Shielding Performance Testing

C1832-16 Standard Test Method for Determination of Uranium Isotopic Composition by the Modified Total Evaporation (MTE) Method Using a Thermal Ionization Mass Spectrometer

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C1854-17 Standard Test Method for Determination of Hydrogen (total from all sources) in Mixed Oxide ((U, Pu)O2) Sintered Pellets by the Inert Gas Fusion Technique Followed by Thermal Conductivity Measurement

C1868-18 Standard Practice for Ceramographic Preparation of UO2 and Mixed Oxide (U,Pu)O2 Pellets for Microstructural Analysis


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