

Update on ASTM International Committee E56

ASTM E56 on Nanotechnology has six Technical Subcommittees. Work items are given below by Subcommittee. All published standards and work items are available at:

<https://www.astm.org/COMMIT/SUBCOMMIT/E56.htm>

E56.01: Informatics and Terminology

- [WK58111](#) New Guide for Reporting Production Information and Data for Nano-objects
- [WK59121](#) New Practice for an Extensible Nanoparticle Ontology
- [WK58112](#) New Guide for Reporting the Physical and Chemical Characteristics of Nano-objects

E56.02: Physical and Chemical Characterization

- [WK54613](#) New Guide for the Analysis of Nanoparticles by Single Particle Inductively Coupled Plasma Mass Spectrometry (SP-ICP-MS)
- [WK54615](#) New Guide for Standard Practice for Performing Electron Cryo-Microscopy of Liposomes
- [WK54872](#) New Test Method Measuring the Size of Nanoparticles in Aqueous Media Using Batch-Mode Dynamic Light Scattering
- [WK56764](#) New Guide for Characterization of Graphene Flakes Produced by Exfoliation

E56.03: Environment, Health, and Safety

- [WK48313](#) New Guide for Collection and Generation of Environment, Health, and Safety Information for Nanomaterials and Nano-enabled Products

E56.06: Nano-Enabled Consumer Products

- [WK52417](#) New Test Method for Determination of Total Silver in Textiles by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) or Inductively Coupled Plasma Mass Spectrometry (ICP MS) Analysis

E56.07: Education and Workforce Development

See <https://www.astm.org/COMMITTEE/E56Nanotechnology.htm> for a list of standards and a description of the new personnel certificates program.

E56.08: Nano-Enabled Medical Products

- [WK60373](#) New Test Method for Quantitative Measurement of the Chemoattractant Capacity of a Nanoparticulate material *in vitro*
- [WK60553](#) New Test Method for Evaluation of Nanoparticulate Material Internalization by Phagocytic Cells *in vitro*
- [WK60554](#) New Test Method for Detection of Nitric Oxide Production

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