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Member at Large – Julie Griffin, Precision Eforming

Meetings
ASTM Committee E29 meets twice a year, in April and October, with approximately 15 members attending over two days of technical meetings.

Membership in ASTM International and Committee E29
ASTM International welcomes all industrial and technical professionals with a desire to work toward further development of standards for particle and spray characterization. Membership in Committee E29 provides the opportunity to:

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- Have direct input into the development of new and revised standards;
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- Receive a free volume of the Annual Book of ASTM Standards (print or virtual volume);
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Formed in 1969, ASTM International Committee E29 on Particle and Spray Characterization develops standard test methods, practices and specifications for characterizing solid and liquid particles. The committee, with a membership of more than 65 technical experts, oversees 17 international standards that cover various topics related to particle and spray characterization such as sieves, sieving methods, screening media, non-sieving methods and liquid particle measurement. E29’s standard specification for wirecloth sieves is one of the most referenced ASTM standards.

E29 Subcommittees and Standards
Committee E29 includes three technical subcommittees that oversee 17 standards published in Volume 14.02 of the Annual Book of ASTM Standards.

Subcommittee E29.01 on Sieves, Sieving Methods and Screening Media
Scope: Development of standards for test sieves and screening material for both test sieving and production purposes; development of practices for sampling and measurement of particles using screens

- ASTM E11, Specification for Woven Wire Test Sieve Cloth and Test Sieves
- ASTM E161, Specification for Precision Electroformed Sieves
- ASTM E323, Specification for Perforated-Plate Sieves for Testing Purposes
- ASTM E454, Specification for Industrial Perforated Plate and Screens (Square Opening Series)
- ASTM E674, Specification for Industrial Perforated Plate and Screens (Round Opening Series)
- ASTM E1638, Terminology Relating to Sieves, Sieving Methods, and Screening Media
- ASTM E2016, Specification for Industrial Woven Wire Cloth
- ASTM E2427, Test Method for Acceptance by Performance Testing for Sieves
- ASTM E2814, Guide for Industrial Woven Wire Filter Cloth

Subcommittee E29.02 on Non-Sieving Methods
Scope: Standardization of the various areas of non-sieve measurement of particle size distribution, shape, and concentration of solid and liquid particles and emulsions, including sampling, sample preparation, calibration materials, calibration methods, analytical procedures, appropriate definitions and nomenclature, data analysis and presentation

- ASTM E799, Practice for Determining Data Criteria and Processing for Liquid Drop Size Analysis
- ASTM E1617, Practice for Reporting Particle Size Characterization Data
- ASTM E1620, Terminology Relating to Liquid Particles and Atomization

Subcommittee E29.03 on International Cooperation on Particle and Spray Characterization
Scope: To provide liaison between E29 and international bodies.

Subcommittee E29.04 on Liquid Particle Measurement
Scope: Development of test methods, definitions, statistical methodology, practices and classifications for characterizing liquid particles

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