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ASTM International Technical Committee E01 on Analytical Chemistry for Metals, Ores, and Related Materials

Scope

To prepare, evaluate, and issue test methods, practices, guides, and terminology for chemical and spectrochemical analysis as they apply to sampling and testing of metals, ores, and related materials; other practices including interlaboratory testing and statistical evaluation; physical testing of refractories and liaison with other ASTM Committees, especially those which write specifications.

The Committee shall promote knowledge and stimulate research in analytical chemistry for metals, ores, and related materials. The work of the Committee shall be coordinated with other ASTM Committees and other organizations having mutual interests.

Technical Subcommittees

- E01.01 Iron, Steel, and Ferroalloys
- E01.02 Ores, Concentrates, and Related Metallurgical Materials
- E01.04 Aluminum and Magnesium
- E01.05 Cu, Pb, Zn, Cd, Sn, Be, Precious Metals, their Alloys, and Related Metals
- E01.06 Ti, Zr, W, Mo, Ta, Nb, Hf, Re
- E01.08 Ni and Co and High Temperature Alloys
- E01.20 Fundamental Practices
- E01.22 Laboratory Quality
- E01.23 Terminology and Editorial

Key Documents

- E415 Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry
- E1019 Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel, Iron, Nickel, and Cobalt Alloys by Various Combustion and Inert Gas Fusion Techniques
- E1601 Standard Practice for Conducting an Interlaboratory Study to Evaluate the Performance of an Analytical Method Standard

Learn more about Committee E01
www.astm.org/committee-e01



Quick Facts

Established 1990
Number of Members 190+
Number of Standards 109
Global Participation
20 Countries represented
The standards are available in
Volume 03.05 in the *Annual Book of ASTM Standards*
Meetings E01 meets twice each year, in May and November

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