

U.S. Participation and Membership in ISO

Critical Minerals Standards Webinars

June 9, 2026





International Organization for Standardization

- ISO is a non-government organization and network of the national standards institutes of countries, one member per country
- The ISO member organization from each country is the organization that best represents that country's national standards system
 - In many cases, especially with developing countries, the ISO member is a government agency.
- ISO currently has 177 member countries.
- ANSI is the U.S. member of ISO

ISO Technical Committees

- You can view information on all ISO Technical Committees on the ISO website (<https://www.iso.org/technical-committees.html>)
 - Committee Number and Title
 - Leadership
 - Scope
 - Published Standards and Standards under development
 - Membership
 - Structure (subcommittees and/or working groups)
 - Liaisons

ISO Technical Committees

ISO/TC 298 - Rare Earth

The screenshot shows the ISO/TC 298 - Rare Earth page. Key elements are highlighted with callouts:

- Technical Committees**: ISO/TC 298 Rare earth
- About**: Secretariat: SAC (China), Committee Manager: Mr Guanyu Song, Chairperson (until end 2027): Mr Haifeng Liu, ISO Technical Programme Manager (TPM): Mr Stéphane Sauvageon, ISO Editorial Manager (EM): ISO Editing Team
- Scope**: Standardization in the field of rare earth mining, concentration, extraction, separation and conversion to useful rare earth compounds/materials (including oxides, salts, metals, master alloys, etc.) which are key inputs to manufacturing and further production process in a safe and environmentally sustainable manner.
- Structure**: A table listing subcommittees and working groups.

Reference	Title	Type
ISO/TC 298/CAG	Chair's Advisory Group	Working group
ISO/TC 298/JWG 6	Sustainability	Working group
ISO/TC 298/WG 2	Elements recycling	Working group
ISO/TC 298/WG 3	Traceability, Packaging and Labelling	Working group
ISO/TC 298/WG 4	Testing and Analysis	Working group
ISO/TC 298/WG 7	Product specification	Working group

- Committee Number and Title
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- Participating and Observing Members
- Structure (subcommittees and/or working groups)
- Liaisons

ISO Technical Committees

- **ISO/TC 82/SC 7** - Sustainable mining and mine closure
- **ISO/TC 298** - Rare earth
- **ISO/TC 333** - Lithium
- **ISO/TC 345** - Materials for specialty technologies

- **ISO/TC 308** - Chain of custody

Development of ISO Deliverables

- The primary duty of an ISO Committee is to develop and maintain International Standards and other alternative deliverables
 - Projects are often sub-assigned to WGs for development

ISO Technical Committees





American National Standards Institute

A large graphic featuring a stylized globe on the right side, overlaid with a network of blue lines and dots representing global connectivity. The text is arranged in a central, vertical flow, with the ANSI logo at the top left and the main message in the center and bottom left.

ANSI A NONPROFIT ORGANIZATION

THAT **COORDINATES** THE U.S. STANDARDIZATION SYSTEM

AND **REPRESENTS U.S. INTERESTS** TO INTERNATIONAL STANDARDS ORGANIZATIONS



American National Standards Institute

ANSI represents the U.S. in a "one country, one vote" system:



U.S. Technical Advisory Groups (U.S. TAGs)

- If the U.S. wishes to declare P-Membership on an ISO Committee, an ANSI-accredited U.S. Technical Advisory Group (U.S. TAG) must be formed
 - U.S. TAGs are accredited by ANSI and must follow the Institute's cardinal principles of openness, balance, due process and consensus
 - ANSI sets policy for U.S. TAGs because the Institute is recognized as the official U.S. NMB of ISO
- Role of the U.S. TAG is to formulate the U.S. consensus positions on all matters brought before the respective ISO Committee
- Develop, submit and lead proposals for new work
- Appoint experts to WGs, ad hoc groups
- Select delegates for international meetings
- Host ISO committee meetings in the U.S.

U.S. Technical Advisory Groups (U.S. TAGs)

- You can view information on all U.S. TAGs on the ANSI website (<http://www.ansi.org/isotags>)
 - Committee Number and Title
 - TAG Administrator contact information
 - Participation type
 - Website

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U.S. Participation in ISO Activities

TC 82

Mining

ANSI-Accredited U.S. TAG to ISO

TAG Administrator:

Valerie Lynch

Association of Equipment Manufacturers

Email: vlynch@AEM.org

Membership Type: Participating Member

URL: <http://www.aem.org/>

TC 82/SC 7

Sustainable mining and mine closure

ANSI-Accredited U.S. TAG to ISO

TAG Administrator:

Jason Knopes

American National Standards Institute

25 W 43rd Street

4th Floor

New York, NY 10036

Phone: (212) 642-4900

Email: jknopes@ansi.org

Membership Type: Participating Member

U.S. Technical Advisory Groups (U.S. TAGs)

▪ U.S. TAG to ISO/TC 82/SC 7

- Jason Knopes, ANSI
(jknopes@ansi.org)

▪ U.S. TAG to ISO/TC 333

- Andrea Tanner, CSA America
(andrea.tanner@csagroup.org)

▪ U.S. TAG to ISO/TC 298

- Andrea Tanner, CSA America
(andrea.tanner@csagroup.org)

▪ U.S. TAG to ISO/TC 345

- Jason Knopes, ANSI
(jknopes@ansi.org)

▪ U.S. TAG to ISO/TC 308

- Brooke Martens, UL Standards & Engagement (brooke.martens@ul.org)

Development of ISO Deliverables

- The primary duty of an ISO Committee is to develop and maintain International Standards and other alternative deliverables
 - Projects are often sub-assigned to WGs for development
- The U.S. TAG is responsible for developing and articulating the agreed U.S. consensus position on the projects coming before the ISO Committee

Development of ISO Deliverables



Resources

- www.iso.org/directives
 - ISO Directives, Part 1 define the basic procedures to be followed in the development of International Standards and other publications
- www.ansi.org/internationalprocedures
 - ANSI International Procedures govern U.S. TAG to ISO Committee operations
- ANSI's ISO Team (ISOT) (isot@ansi.org) can answer questions and help identify U.S. TAG contacts

Contact Information

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Questions?