

November 2022

Invitation and Request for Participation

Harmonized Canadian Mirror Committee to ISO TC 298 (Rare earth)

As part of global decarbonization efforts needed to combat climate change, the world is rapidly moving to replace many carbon-based aspects of our economy. Examples include the uptake of electric vehicles (EV), renewable energy production, advanced manufacturing, and the adoption of circularity with respect to the lifecycle, and reuse, of products and materials.

EVs, one of the more dominant users of critical minerals, are enabled by very powerful magnets containing rare-earth elements (REE) in their traction motors. Due to the rapid adoption of EV, the demand for REE is expected to double in the next ten years and requires the commissioning of a major REE mine, mill, refinery, and magnet making plant every year. This new production must be developed and delivered through robust and secure supply chains meeting responsible environmental, social, and governance (ESG) expectations.

For the past six years, a technical committee (TC 298) of the International Standards Organization (ISO) has been preparing a series of international standards for the rare earth industry. Canada is actively engaged in this effort but needs additional experts in the technical aspects of the mine-to-magnet supply chain; supply chain security; and ESG-related matters. Experts conduct their work through periodic virtual meetings. We are inviting you to participate in this given your experience and expertise on the topic.

If you are interested, you would be warmly welcomed to join the Canadian team and work alongside international experts from fourteen countries to develop REE standards. These will help facilitate and regulate the rapidly expanding rare earth industry and secure benefits to Canada and the world.

Please see the [website](https://www.iso.org/committee/5902483.html) for the ISO standards development program for more information: <https://www.iso.org/committee/5902483.html>

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