



## U.S. Magnetic Materials Association Provides an Update on the High-Performance Magnet Markets at Technology Metals Summit 2013

April 19, 2013

**Washington, DC** — The [U.S. Magnetic Materials Association](#) (USMMA) will provide a market and supply chain update on high-performance magnetic materials at [Technology Metals Summit 2013](#) (TMS2013) on April 22, 2013 in Toronto, Ontario, Canada.

“It is a privilege to participate with so many industry and government partners at TMS 2013,” said Ed Richardson, president of the USMMA and TMS2013 presenter. “This summit is an excellent platform to discuss the impact of high-performance magnet manufacturing on the defense industrial base and long-term competitiveness.”

TMS2013 will gather senior government officials and industry leaders from over 100 firms in North America, Europe and Asia. Mr. Richardson will discuss the necessity for a secure supply chain of high-performance magnetic materials for the unique requirements of the defense market and to develop the next generation of magnetic materials.

“Despite considerable public interest in rare earth elements, our quarterly [Rare Earth Supply Chain](#) assessment continues to show that the production of raw, semi-finished, and value-added rare earth materials continues to be dominated by China-based firms,” Richardson continued. “Rare earth elements are [materials critical to national security](#), and the USMMA is dedicated to developing a comprehensive supply chain solution.”

The USMMA’s members include the following companies:



[Electron Energy Corporation](#) (EEC) offers unmatched expertise in rare earth magnets, assemblies and systems. Founded in 1970, EEC is an ITAR and DFARS-compliant, US supplier, that develops and produces custom Samarium Cobalt (SmCo) and Neodymium-Iron-Boron (NdFeB) sintered permanent magnets and assemblies. EEC is dedicated to improving rare earth magnet performance to meet the most technically demanding applications in aerospace, military, medical, electronics, and motion control markets.

[Thomas and Skinner, Inc.](#) [Thomas & Skinner](#) is the world leader in high-performance magnets and magnetic materials used in strategic weapons systems. Our cast and sintered alnico magnets, magnetic assemblies, and transformer laminations are considered the best in the industry. Through its wholly owned subsidiary, Ceramic Magnetics, Inc., Thomas & Skinner is also a leading manufacturer of soft ferrite magnets. We are committed to providing our customers with the highest-quality, highest-performing magnetic materials available.



[U.S. Rare Earths, Inc.](#), an American natural resources development company based in Salt Lake City and New York City, holds large resources and reserves of high-grade rare earth metals and the largest documented high-grade thorium properties in the world within its properties in Idaho, Montana, and Colorado, including 80% of known and estimated U.S. reserves.





[Arnold Magnetic Technologies](#) (Arnold) produces cast and sintered Alnico, RECOMA® brand Samarium Cobalt (SmCo), bonded Ferrite and Neodymium magnets, all varieties of magnetic Assemblies, and ultra-thin precision foil and strip.


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Arnold's Alnico, SmCo and silicon steels are DFARS compliant and work done at any of our six (6) US-based facilities is also ITAR compliant. We also offer Neodymium-Iron- Boron magnets and have multiple fabrication facilities for magnets and assemblies utilizing all commercially available magnet materials.


 [Lynas Corporation](#) is creating a reliable, fully integrated source of supply from mine through to customers, and aims to become the benchmark for security of supply and environmental standards in the global Rare Earths industry. Lynas has developed a mine at its rich deposit of Rare Earths at Mt. Weld in Western Australia, and will produce separated rare earth products from its Advanced Materials Plant.

 [Great Western Technologies Inc.](#) is a leading production facility in North America for rare earth materials, powders, and custom vacuum-grade specialty alloys. GWTI provides research and development, process development, consulting, and innovative products and services to clients worldwide. GWTI, in partnership with its parent company, Great Western Minerals Group Ltd., is part of the first vertically integrated structure in North America to produce and process rare earth elements for advanced technology and alternative energy markets.

 [Ucore Rare Metals Inc.](#) is a Canadian resource exploration company focused on rare metal ores, among the primary input materials of technology applications in the 21st century. Ucore maintains holdings across North America including Bokan Mountain, estimated to be one of the most significant Dysprosium and other Heavy Rare Earth deposits within the United States.

 [Texas Rare Earth Resources Corp](#) is a North American based mining company engaged in the exploration and development of mineral properties. Their flagship property, Round Top Mountain in Hudspeth County, Texas, is held under a 20-year renewable lease from the State of Texas to explore and develop a rare earth-uranium-beryllium prospect which includes niobium, tantalum and gallium.

 [Stans Energy Corp](#) is focused on developing the materials necessary to meet the clean energy demands of the future. Their goal is to build and produce our licensed properties containing rare earths, uranium, and associated metals in the near term. Stans company growth will come from acquiring, and participating in the development of, resource properties in areas of the former Soviet Union.

 [Santoku Corporation](#) manufactures raw material for high-performance magnet alloys in Japan, including Neodymium magnet alloys and samarium magnet alloy compounds. Its Magnet Materials Division has developed the patented technology called the "strip casting manufacturing method" which allows heating and cooling of material to be uniquely controlled during the melting and casting process.

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