



NEWS RELEASE

ELESSENT CLEAN TECHNOLOGIES CELEBRATES 100 YEARS OF MECS[®] SULFURIC ACID CATALYST

ST. LOUIS, MISSOURI, January 2, 2025 – Elessent Clean Technologies proudly announces a significant milestone in its rich history: 2025 marks the 100th anniversary of MECS[®] sulfuric acid catalyst products. Since 1925, sulfur burning, metallurgical, spent acid, and wet gas sulfuric acid plants around the globe have relied on MECS[®] catalysts to reliably convert sulfur dioxide (SO₂) to sulfur trioxide (SO₃) in nearly every type of converter.

"Our 100-year history is a testament to the enduring trust our customers have placed in MECS[®]," said Eli Ben-Shoshan, CEO, Elessent Clean Technologies. "This legacy of excellence and innovation underscores our commitment to delivering catalyst solutions that enhance plant performance, optimize efficiency, and reduce environmental impact."

As Elessent Clean Technologies celebrates this remarkable 100-year milestone, the company remains dedicated to advancing catalyst technologies that meet the needs of the sulfuric acid industry while upholding its commitment to creating a cleaner, more sustainable future.

The MECS[®] sulfuric acid technology has been in use for a century in the phosphate fertilizer, non-ferrous metals (leaching & smelting), oil refining and general chemical industries. MECS[®] technologies feature breakthrough solutions, many of which have revolutionized the performance, quality and cost-effectiveness of customer operations. They include MECS[®] heat recovery systems (HRS[™]), MECS[®] SolvR[®] regenerative SO₂ scrubbing and MECS[®] MAX3[™] sulfuric acid production technology. Integrated into these MECS[®] technologies are proven specialty products such as catalysts, Brink[®] mist eliminators, DynaWave[®] scrubbers, ZeCor[®] corrosion resistant alloy products, and acid coolers all of which are specifically designed for the most demanding operating environments. Licensed and marketed by Elessent Clean Technologies, the MECS[®] technology is the world leading sulfuric acid production technology with more than 1,000 sulfuric acid plant licenses and projects. Elessent Technologies is committed to long-term customer satisfaction and support for the life of customer assets. Learn more at ElessentCT.com.



About Elessent Clean Technologies

Elessent Clean Technologies is a global leader in process technologies to drive sustainability and carbon neutrality in the metal, fertilizer, chemical and oil refining industries with an unwavering commitment to customer support. We provide extensive global expertise across our portfolio of offerings in key applications – MECS[®] sulfuric acid production, STRATCO[®] alkylation, BELCO[®] wet scrubbing and IsoTherming[®] hydroprocessing. Offering critical process equipment, products, technology and services, we enable an array of industrial markets, including phosphate fertilizer, non-ferrous metals, oil refining, petrochemicals and chemicals, to minimize their environmental impact and optimize productivity. We are dedicated to helping our customers produce high-quality products used in everyday life in the safest, most environmentally-sound way possible, with a vision to make the world a better place by creating clean alternatives to traditional industrial processes. Learn more at www.ElessentCT.com.

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