



Energy Composites Corporation Delivers First in Series of Advanced Composites Maceration Tanks Using Revolutionary Abrasion-Resistant Lining

WISCONSIN RAPIDS, Wis.--(BUSINESS WIRE)--Energy Composites Corporation (OTCBB:ENCC) announced that it has delivered the first in a series of fifteen large maceration tanks for use in manufacturing gelatin for the food, photographic and pulp and paper industries. This delivery marks ECC's first large-scale application of AlphaGen Material's patented CerarMix™ polymer ceramic material, for which ECC holds an exclusive material agreement and brands as XLCR™.

Sam Fairchild, ECC's CEO, stated that, "XLCR is a game changer for multiple sectors. The advanced material enjoys high abrasion resistance -- in fact it is five times better than silica carbide for this purpose. Abrasion causes catastrophic failure as glass and carbon fibers absorb moisture and disrupt the bond between the fibers and the resins used in making the composite. XLCR scores a hardness of 9 on the Mohs scale, just one step below that of diamonds. XLCR provides all of the durability of 2205 duplex stainless steel without steel's cost, weight or risk of damage from corrosives. XLCR also provides superior protection from extreme heat, corrosives and ultraviolet radiation. With XLCR, ECC's clients are the big winners -- dramatically lower lifecycle costs and higher performance. ECC's shareholders are winners too, since the use of XLCR allows us to capture a more significant share of the value we create."

In producing the maceration tank, ECC developed a next-generation method for



applying XLCR to large scale composite structures, ensuring the material's successful use as an advanced coating in wind energy, mining, wastewater management, pulp and paper manufacturing and flue gas desulfurization for the coal-fired power generation industry. XLCR is also a Zero Fuel, Zero Fire and Zero Smoke material, making it a superior choice for offshore facilities, shipboard applications and other uses requiring fire/fuel/smoke protection.

Jamie Mancl, ECC's founder and President, noted the importance of XLCR to ECC's growth plans. "We are very pleased with XLCR -- AlphaGen has developed a remarkable material, and we are confident that our exclusive license with AlphaGen will generate substantial value to our customers, our shareholders, and the sectors we serve. We expect XLCR to be a major discriminator in our efforts to secure significant market share across multiple sectors, and the reasonable additional cost associated with the use of this innovation will be recovered very quickly by our clients and provide then an extended payback for many years to come."

Fairchild added that, "XLCR's advantage to our legacy business is clear -- and we will seek to gain substantial competitive advantage by deploying the ceramic polymer in many of our composite solutions. I want to emphasize that it may also prove to be a game changer in the wind energy sector as well, as we seek to drive additional value into our clients' wind strategies using advanced materials and advanced technologies. XLCR is one of those value drivers." Matt Merchant, President of AlphaGen, the developer of XLCR/Cerarmix™, emphasized the importance of his partnership with ECC, stating, "There is a huge technological advancement underway in the composite industry, and ECC and AlphaGen are pushing that advancement forward. As Energy Composites Corporation expands the manufacture of its superior piping and tanks using AlphaGen's Cerarmix™ as



a protective barrier, the resulting products will be at the cutting edge of technology and the inclusion of our innovation will ensure that ECC customers are getting the greatest value and most advanced tanks, ducts, stacks, headers and piping in the last fifty years. We look forward to a long and fruitful relationship with ECC, and remain convinced that our collaboration will drive substantial value for all parties.”

About Energy Composites Corporation

ECC operates a world-class, automated 73,000 sq. ft. climate-controlled manufacturing facility in Wisconsin Rapids, WI, employing advanced composite materials to design, engineer and manufacture complex composite structures, vessels and processing systems for a range of clean-tech applications that include: wind energy system components, flue gas desulfurization for power plants, infrastructure for bio-fuel storage and processing, infrastructure for managing waste water and drinking water storage, advanced municipal utilities infrastructure, and caustic material storage and handling systems for the petrochemical, mining and the pulp and paper industries. ECC also provides 24/7 field service crews nationwide for wind energy system composites maintenance, repair and overhaul; industrial retrofit, shutdown and maintenance; system installation; and repair and inspection services. For additional information, visit our website at www.energycompositescorp.com or contact Sam Fairchild at 1-800-787-5439.

About AlphaGen Materials Technology

AlphaGen Materials Technology is a Vinton, Iowa-based pioneer in the use of sprayable ceramic materials. Primarily, AlphaGen has been a research and



development company focused on developing practical applications for spray-applied polymer ceramic composite materials using its patented spray machinery and equipment. AMT's materials have significant commercial potential in and of themselves, when combined with other materials (fiberglass, carbon fiber, various metals etc.) they can create extremely useful composites that can develop specific solutions for many viable commercial opportunities. For additional information, contact Matt Merchant at 1-319-472-3570.

Certain statements found in this press release may constitute forward-looking statements. Forward-looking statements are based on current expectations and include any statement that does not directly relate to a current or historical fact. Such statements are generally identifiable by the terminology used, such as "anticipate," "believe," "intend," "expect," "plan," or other similar words. Our forward-looking statements in this release generally relate to our expectations and beliefs with respect to our growth and expansion activities and plans. Although it is not possible to foresee all of the factors that may cause actual results to differ from our forward-looking statements, such factors include, among others, the following: (i) unforeseen delays, costs or liabilities associated with our growth and expansion plans; (ii) fluctuations in general economic conditions; and (iii) those risks described from time to time in our reports to the Securities and Exchange Commission. Investors should not consider any list of such factors to be an exhaustive statement of all of the risks, uncertainties or potentially inaccurate assumptions that could cause our current expectations or beliefs to change. Shareholders and other readers should not place undue reliance on "forward-looking statements" as such statements speak only as of the date of this release. We undertake no obligation to update publicly or revise any forward-looking statements, other than as required by law.