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Peter Emrich Added to ACMA's Hall of Fame

MFG's Technology Torchbearer is Recognized by Composites Industry

March 23, 2012 Ashtabula, OH ---- At the annual convention of the American Composites Manufacturing Association (ACMA), VP of Technology for the Molded Fiber Glass Companies (MFG), Peter Emrich, was singled out for the prestigious Hall of Fame award for career contributions to the industry. Pete has been active in the ACMA as a member, a past recipient of ACMA's President's Award, and is the current co-chair of the Communications Committee.

For the last 14 years, Pete has been at the helm of MFG Research Company – guiding the development of this group into the distinctive, industry-leading technology resource that it is today.

The MFG Research team works with MFG's entities and their customers to discover innovative solutions that improve products and processes, and to pioneer new applications for composites. The group has been responsible for the many notable technology advances, including MFG's Automated Pre-form Process that elevated pre-form technology into a new level of process superiority (PRIME – Preformed Reinforcement Insuring Manufacturing Excellence).

Pete cited a few examples of recent, interesting projects he spearheaded.

- Cost-effective carbon reinforced composites for automotive closeout and structural panels. Commercializing this material involved developing new processes and equipment. Components for a high-end sports car was the driver of this innovation.



Peter Emrich, MFG's VP of Technology, was presented the Hall of Fame award at Composites 2012 by the ACMA for his career contributions to the industry.

- Low-density body panels for vehicles that resulted in mass reductions of 20–35%. Some products use nanoclay modified resins. These systems are provided as compounds and for liquid composite molding.
- An evaporative model of process emissions for sheet molding compound (SMC) manufacturing. This is novel in that the emissions are not a function of the quantity of material produced, but on production time and factors related to equipment design. This new model was adapted into ANSI-approved and EPA-accepted emission factors.
- Process and material improvements in the PRIME process. This advanced pre-placed reinforcement technology was developed by and is used by MFG. This proprietary process provides superior use of fibers and the least variation of fiber location and orientation for lighter, more efficient, and potentially more effective parts.
- The design and fabrication of a 6 meters high x 4 meters diameter Savonius-style wind blade that is currently under test. Savonius wind turbines are a type of vertical-axis wind turbine (VAWT), used for converting the force of the wind into torque on a rotating shaft.

“Pete is most deserving of being included in the elite ACMA Hall of Fame. His contributions to MFG and the industry are substantial and highly regarded,” noted Richard Morrison, CEO of MFG. “We are grateful for his many years of service as a teammate, and congratulate him for this achievement.”

About Molded Fiber Glass Companies

Molded Fiber Glass Companies (MFG) is a leader in the field of reinforced plastics and composites, serving diverse markets with a variety of composite material systems. The company has 16 operating entities in the United States and Mexico, strategically focused to supply high value, high quality products and manufacturing services for applications such as wind energy, automotive, heavy truck, defense, construction, material handling and water treatment. The company is headquartered in Ashtabula, OH and is privately owned.

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