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FOR IMMEDIATE RELEASE

Customized Precision Stator Windings Help Motor Transit and Industrial Markets

Cleveland, Ohio—A Stator Winding Manufacturing Service, which follows an extensive quality control process, is available from Swiger Coil Systems, LLC. Stator windings, in the form of a wire coil, are installed into an electric motor. When this coil is energized by AC power, a rotating magnetic field is produced.

Stator windings have very low resistance and are insulated from the frame. The motor stator winding is identical to a generator armature that has a like amount of poles. Each stator winding is overlapped and is electrically and mechanically 120 degrees out of phase.

The manufacturing process for Swiger's stator windings includes coil forming, insulation of stator coil, installing and wedging coils, brazing, testing, VPI, and installation. Customized Swiger Stator Windings have well-served the transit and various industrial markets for many years. Swiger Coil Systems also offers an Armature Winding Service for use in DC motors and generators.

Swiger Coil Systems manufactures Stator Coils with voltages from 220 to 7,200 volts and normal horsepower range of 100 to 10,000hp. Following the highest quality standards throughout the many years of fabricating coils has made Swiger a preferred supplier to OEMs and service centers. Swiger's total in-house resource center includes a design and engineering department, a contamination-free production environment, and a clean-room testing center. Swiger Coil Systems, LLC. is ISO 9001 Certified.

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