




QUALITY

 We partner with the world's leading insulation and wire manufacturers to produce premium products manufactured entirely in our climate controlled facility. The integrated HEPA filtration system creates a clean, virtually particulate-free environment in our manufacturing area.

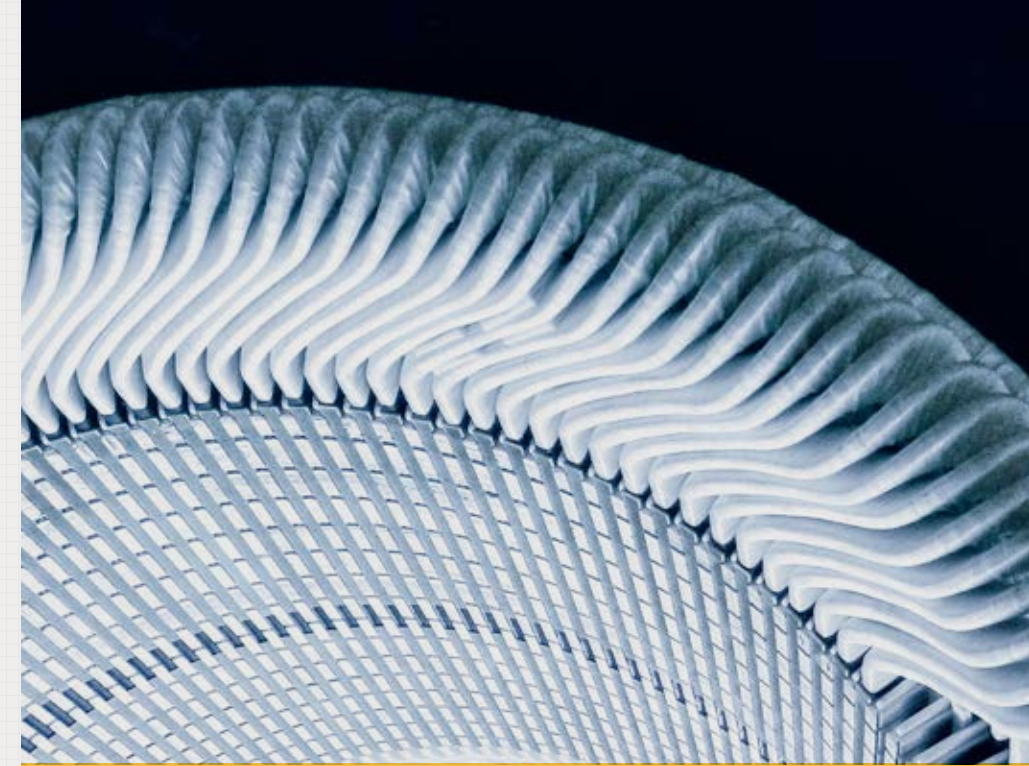
 Precision is certified by the International Organization for Standardization (ISO), and all manufacturing processes meet or exceed standards of the Institute of Electrical and Electronics Engineers (IEEE). Our company is an industry leader in Quality Control and Quality Assurance programs. All of our products are offered with up to a five year limited warranty.

SUPPORT

 Precision advantages include on-site engineering support and lead winder assistance. Consider us a partner for all your in-field and off-site service project needs.

VALUE

Precision products are competitively priced and winding kits can be tailored to specific needs. Our modern insulating materials can also increase equipment life and decrease operating costs. Let our engineers evaluate your high-voltage motor or generator for upgrade or redesign potential, which can increase output and improve the efficiency of dated equipment. Using a computer-aided design (CAD) system, our team can provide solutions for your toughest situational challenges.



CHARGED BY SOLUTIONS

PRECISION
HIGH VOLTAGE SYSTEMS



WWW.PRECISIONHV.COM 205-396-1980 HV@PECOIL.COM

PRECISION
HIGH VOLTAGE SYSTEMS

The reliable U.S.-based high-voltage diamond coil and generator bar source you need is here. Precision's dedicated team of skilled electromechanical professionals represent hundreds of years of combined experience in the low, medium and high-voltage coil industry.



MADE IN AMERICA

Precision's Birmingham, Alabama production facility tailors delivery of products, as needed, for time-sensitive situations. And, as a domestic manufacturer, international customs delays are never an issue. Our plant's U.S. location can also offer a more direct path for government-related projects when compliance with the American Recovery and Reinvestment Act of 2009, or the Buy American Act, is required.



PRODUCTS AND SERVICES



Precision-Vac HV

VPI is a standard worldwide for premium winding insulation systems of electric machines. Precision offers the most modern materials in our VPI insulation system and our integrated 12-foot Global VPI tank is available for your larger VPI needs. This resin impregnation treatment process gives a long-lasting and virtually void-free insulation system that guards against winding failures due to moisture, heat, vibration, abrasion and chemical degradation.



Precision-Seal HV

We use only the finest resin-rich mica products available in our B-Stage insulation system. We also use the latest multistage pressing technology to achieve excellent resin flow, which results in a rigid homogeneous coil cross section. The coil end arms are designed to remain flexible to aid in the winding process. The finished hot pressed diamond coils and bars are tested for fit, finish and electrical integrity before leaving our facility.



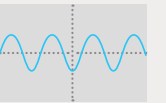
Precision-Flex HV

Precision offers a third insulation option – a durable, flexible, winder-friendly system perfect for tough industrial environments where high particulate matter and airborne abrasives are an ongoing problem. This system is built for on-site or in-house winding and travels very well to job sites. When durability and longevity of the winding is the goal, this fully cured resin filled molded insulation system – a modern twist on a tried-and-true insulation system from the mid-20th century – could be your solution.

Providing innovative solutions for your most challenging high-voltage needs

IN-HOUSE TESTING

Our in-house high-voltage testing capabilities eliminate the need for outside laboratory testing. Our elevated temperature life cycle endurance booth complies with IEEE Standards and offers a comprehensive battery of coil and bar testing including voltage endurance, dissection, digitally recorded Black Out corona activity observation and partial discharge measurement. Our products are subject to continuous quality control monitoring during the manufacturing process, and completed specimens are thoroughly inspected and tested in our in-house laboratory.



Please visit our Birmingham facility to witness our cutting-edge production and testing process for yourself.

ECO-FRIENDLY FACILITY

We are committed to a clean, safe, ecologically sound business, using state-of-the-art, highly efficient equipment which promotes a minimal environmental footprint. Heat from the production shop, for example, is routed to a designated air-handler room, where it is cooled naturally through an air exchange system. This system, which exchanges air eight times per minute, reduces thermal loss and eliminates hot spots.

