

Test Technician

Location

Boston MA

Overview

Perform performance validation and regulatory compliance testing of electronic power systems including AC Inverters and DC-DC Converters from 1kW to 500 kW. Must be able to conduct tests to established procedures with minimal supervision by senior engineers. Will also be expected to work closely with engineering team to develop new product characterization and validation test procedures. Occasional travel to our facility in Ontario, Canada may be required.

Description of Duties

- Read and follow engineering test procedures.
- Set up of power supplies, load banks, and make electrical connections for AC and DC systems up to 1000VDC and 600VAC.
- Connect and set up meters, oscilloscopes, power analyzers, and test equipment.
- Assemble wiring and cabling for test harnesses
- Record and interpret data, compare measurements to expected results, recognise system malfunctions and diagnose set up problems.

Special Qualifications or Background Needed

- Must have experience working safely with power systems at voltages from 600 to 1000 V.
- Experience with UL and CE compliance testing desirable.
- Experience with Photovoltaic power systems also a plus.