



OhioSemitronics, Inc.
What Can We Measure for You?



Capabilities Statement

www.OhioSemitronics.com

OSI measures electrical and electromagnetic properties in a variety of commercial, petrochemical and defense environments. We presently supply over 400 measurement devices to over 300 surface and sub-surface vessels, as well as multiple aircraft and land-based systems.

NAICS: 334419, 334515, 335931, 335999, 541715
Classification: Small Business
DUNS: 00-429-5705
Cage Code: 12066

NIST
800-171
Compliant



J-STD-001, IPC-A-610
Certified IPC Specialists

Core Competencies

Current Sensing

- AC, DC, Variable Frequency
- Milliamps to >100,000A Current Sensing
- DC to 100kHz Bandwidth
- -55°C to +125°C Operating Temperature
- Microsecond Response
- AC or DC Instrument power

Voltage Measuring

- AC, DC, Variable Frequency
- Millivolts to 15kV Voltage Measuring
- DC to 10kHz Frequency
- -20°C to +80°C Operating Temperature
- AC or DC Instrument Power

Frequency Monitoring

- AC and Variable Frequency
- 0-1000Hz Frequency Monitoring
- Millisecond Response
- -20°C to +80°C Operating Temperature
- Self-powered or AC Instrument Power
- EMI Protected

Power Monitoring

- Power (Watts)
- Energy (kWh)
- Reactive Power (VAR)
- Reactive Energy (VARH)
- Current
- Voltage
- Frequency
- Power Factor
- Volt-Amps
- Panel Mount Display
- Remote Displays
- Limit Alarms
- Serial Communication
- Analog Outputs
- RMS Readings
- Distorted Waveforms

Differentiators

- Apply existing commercial technologies to defense measurement challenges in a ruggedized and/or hardened format.
- Contract manufacturing of existing designs to military specifications.
- Develop new technologies for unique measurements in similar formats.
- Rapid prototyping of circuit boards and enclosures for proof of concept designs in a matter of weeks.
- Extend program life by adapting or developing technologies to match specific performance and footprint requirements of obsolete parts.

Past Performance



Office of Naval Research

20+ Total Contracting Actions



US Naval Warfare Center

50+ Total Contracting Actions



United States Navy

1200+ Total Contracting Actions



United States Army

20+ Total Contracting Actions

Current Supplier To

Lockheed Martin, L3 Technologies, Northrop Grumman, Ingalls Shipbuilding, BAE Systems, General Dynamics Electric Boat, Newport News Shipbuilding, & DRS Naval Power Systems

Kathy Roush
Director of Sales

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Extend Program Life

Obsolescence Mitigation with Ohio Semitronics

- Match specific performance and footprint requirements of obsolete parts
- OSI will take obsolete component specs and custom design a cost effective solution
- Adapt, extend, and develop electrical measurement technology
- Rapid prototyping of circuit boards and enclosures for proof of concept designs in a matter of weeks



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