

# Thermocouple & RTD Calibration Services

## 7 frøgenic to Ultra-High Temperatures

Vulcan Electric offers precision temperature sensor calibration services for Semiconductor Wafer Fabs, Mil-Aero and High Accuracy Industrial applications. Our state of the art laboratory is comprised of several technically advanced calibration systems designed to ensure the most accurate sensor calibrations available. Equipment includes custom fluidized bed calibration furnaces with precision data acquisition systems, vacuum and inert gas furnaces, and cryogenic systems. Our Sensor Calibration Services run the gamut from RTDs at sub-zero temperatures to Thermocouples at ultra-high temperatures. Calibrations are accomplished within a Quality Management System structured and operated in accordance with ISO 17025:2005 and registered to ISO 9001:2008 certificate number 9351QM8001 issued by ISOQAR. Calibrations are performed in accordance with ASTM E 220-07a, ASTM E 230-03 and AMS 2750 and are traceable to the National Institute of Standards and Technology (NIST). In conjunction with calibration services, Vulcan Electric offers several sensor management programs that can be tailored to specific customer requirements and provide the most cost effective solution.



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Critical Heat Treating Processes
Advanced Composites Process Control
Precision Pharmaceutical Process Measurements
Crystal Growth Temperature Control Accuracy

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