



MOORE INDUSTRIES
WORLDWIDE *Demand Moore Reliability*

Moore Industries-International, Inc.

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New Moore Industries White Paper Shows Tips on Improving Measurement Accuracy

NORTH HILLS, CA— For many temperature applications, getting a high level of accuracy is vital. A new white paper from Moore Industries highlights how plant and site engineers can ensure the most accurate temperature measurement for critical applications. Available for download from the Moore Industries website at www.miinet.com, “A Practical Guide to Improving Temperature Measurement Accuracy” details steps that can also help end users improve the stability of their measurements and reduce calibration costs.

“A Practical Guide to Improving Temperature Measurement Accuracy” shows how to select the best sensor for a particular application and ways to improve the accuracy of the sensor you choose. In particular, it details the reasons why 4-wire RTD sensors are almost always the best choice for high-accuracy temperature applications. Using 4-wire RTD sensors eliminates the errors caused by a copper lead wire. The paper also explains the relationship between classes of sensors (such as Standard and Premium Grade thermocouples and Class A RTDs) and their error rates.

Along with learning how to select sensors, the paper also covers how to reduce errors caused by plant noise, using bath calibration to minimize RTD measurement errors and the relationship between remote I/O and temperature accuracy.

About Moore Industries-International, Inc.:

Based in North Hills, CA, Moore Industries is a world leader in the design and manufacture of rail, panel and field instruments for industrial process control and monitoring, system integration and factory automation. The company has direct sales offices in the United States and additional strategic worldwide locations in Australia, Belgium, the Netherlands, the People's Republic of China and the United Kingdom. The company serves a variety of industries such as chemical and petrochemical; power generation and transmission; petroleum extraction, refining and transport; pulp and paper; food and beverage; mining and metal refining; pharmaceuticals and biotechnology; industrial machinery and equipment; water and wastewater; and environmental and pollution monitoring.

For more information on Moore Industries, visit www.miinet.com.

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