



**For immediate release**

## **Datastick announces Machine Vibration seminar in San Jose July 20–23 with hands-on practical experience and Level I certification**

SAN JOSE, CA, JULY 1, 2010 – A four-day Machine Vibration seminar with hands-on practical experience will be held on July 20 through 23 in San Jose, California, announced Penny Melrose, CEO of Datastick Systems, Inc. Attendees can become certified as Level I Vibration Analysts by taking a test on the last day.

Analyzing the vibration of rotating and reciprocating machinery provides an early warning system that alerts maintenance and reliability managers to machine health problems to help avoid costly, sudden breakdowns. Datastick's handheld VSA™ Vibration Spectrum Analyzer will be used in the training.

The four-day seminar includes hands-on practice as well as training on the basics of vibration, such as: what is an FFT; waveform vs. spectrum; an introduction to spectrum analysis; when and how to use the displacement, velocity and acceleration domains; and how to set up and manage inspection routes. Also covered are: effective sensor placement, onsite troubleshooting, detection of unbalance, eccentric rotors, gear wear and bearing failure, as well as how to measure vibration, create reports, and analyze the results to determine the likely cause of machine function problems such as resonance, rotor bar issues, and more. A full agenda can be found at [www.datastick.com/training](http://www.datastick.com/training).

Today, predictive maintenance and reliability-centered maintenance programs are replacing run-to-failure methods – as well as preventive maintenance methods that were based on taking a piece of equipment offline for costly service, regardless of condition, after a certain number of hours of use.

“Hands-on practical experience is important to effective training, and this seminar provides it,” Melrose said. “The Datastick VSA is an excellent tool for someone new to vibration because of its extremely fast learning curve and exceptional ease of use, along with full analysis comparable to or better than some analyzers at more than double the cost.”

The course and exam meet the ISO 18436-2 and the American Society of Nondestructive Testing (ASNT) SNT-TC-1A standards.

### **About Datastick Systems, Inc.**

Datastick Systems is a leading provider of cost-effective, innovative handheld vibration analysis and portable machine balancing systems. Companies around the world rely on our solutions to maintain the reliability and uptime of their machinery. Datastick Systems is headquartered in San Jose, California. For more information, visit [www.datastick.com](http://www.datastick.com).

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