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Hazardous Substance Reference Standards Developed for XRF Analyzers

Eastern Applied Research, Inc has developed a complete set of hazardous substance reference standards that can be utilized on x-ray fluorescence instruments to obtain the best possible results on hazardous substance regulation compliance testing needs.

BUFFALO, NY, October 12, 2008 **/24-7PressRelease/** -- The accredited XRF Standards Laboratory of Eastern Applied Research, Inc has developed a set of hazardous substance reference standards. Initially developed for use on Seiko x-ray fluorescence and Skyray XRF systems, the set can be utilized with both desktop and handheld XRF systems of most brands to increase instrument accuracy.

The complete set is known as the "RoHS-Standard Set" because it was developed for organizations testing for compliance to the European Unions (EU) Restrictions on Hazardous Substances (RoHS) Regulations. This regulation defines acceptable amounts of toxic metals in products sold throughout the EU; however, the standards set can be utilized with x-ray fluorescence instruments to analyze product for compliance to any of the various hazardous substance regulations.

The RoHS-Standard Set from Eastern Applied Research is made up of Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg) and Bromine (Br) and includes four pieces of polyethylene (PE) and polyvinyl chloride (PVC): one blank piece of each and one of each at 100 parts-per-million (ppm). The certificate that comes with the standard set indicates the actual amounts for Cadmium, Chromium and Lead and it is implied that Hg and Br are at 100ppm.

"X-ray fluorescence analyzers (XRF) are a popular method to test for hazardous substances, but many organizations don't realize the importance of having accurate reference standards to use with an analyzer" stated Lynn Mahoney, Director of Quality for Eastern Applied Research. "Along with a proper functioning XRF, the RoHS Standard Set will allow a company to see increased accuracy in the detection of hazardous substances in product"

For over twenty years, Eastern Applied Research has provided timely and cost-efficient on-site XRF service through regional service technicians. Eastern Applied also offers a full service standards laboratory that is accredited to ISO/IEC 17025, sales of new and used XRF analyzers and consultation services. Learn more at www.easternapplied.com or call them at 716-625-8311 to discuss any aspect of non-destructive x-ray fluorescence technology.

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