

Marcel van Wonderen accepts award for Best Research Paper at WJTA Conference

Amsterdam, Netherlands. Marcel van Wonderen, Master Engineer Process, Equipment & Materials Development for KLM, Amsterdam, Netherlands, accepted the Best Research Paper award at the 2005 WJTA Conference. The paper was entitled, "Controlled HVOF Hard Coatings Removal Method," and was written by Kimmo Ruusuvaori, Kari Lahdenperä, Maria-Oksa Erja Turunen, Juha Kauppila and Marcel van Wonderen.

The WaterJet Technology Association is international in scope with corporate and individual members throughout the world. Membership is comprised of waterjet users, manufacturers, distributors, researchers, regulators, and consultants. The primary goals of the association include enhancing communication within the industry; facilitating cooperation between government, industry, university and research institutions; fostering foreign and domestic trade in jet cutting and cleaning products and services; and studying and advancing the arts and sciences of jet cutting of industrial and geological materials, as well as industrial cleaning.

In memory of Dean Davis

Dean Davies, Sales Manager with Ervin Industries, passed away on November 6, 2005, after a long and courageous battle with cancer. Dean started with Ervin in 1976 making Amasteel abrasives at the Adrian, Michigan plant. In 1992, he was promoted to Sales Manager and he enjoyed the hands-on experiences of helping customers solve problems or improve operations. "He was quick to laugh, first to help out, and enjoyed his many friends," said Bill Rhodaberger with Ervin. Everyone that knew Dean would agree and he will be deeply missed.



Peening Technologies of Georgia earns FAA approval

Austell, Georgia. Peening Technologies of Georgia, a Hydro-Honing Laboratories, Inc. company, has earned its FAA approval. They are FAA Repair Station #G89R878X.

Peening Technologies of Georgia is now qualified for limited specialized services dealing with shot peening and abrasive blasting which require FAA approval. The company is also Nadcap accredited.

Peening Technologies of Georgia (formerly T&S Metal Finishing) was established in 2003 and is the newest division of Hydro-Honing Laboratories, Inc. Hydro-Honing was founded in 1966 and currently does business in East Hartford, Connecticut as Peening Technologies of Connecticut. With



Marcel van Wonderen, KLM and Lydia Frenzel, director of the WJTA Advisory Council and an expert in surface preparation and waterjetting.

locations in Connecticut and Georgia, the company specializes in shot peening services for parts ranging from simple springs to complex parts for NASA's space shuttle. Peening Technologies also performs peening on airframes and helicopter and turbine engine components as well as non-aerospace parts including deep hole drilling equipment and automotive parts. For more information, visit their web site at www.peeningtechnologies.com.

New Peenscan pens from Electronics Inc.



Mishawaka, Indiana. Electronics Inc. introduced the new Peenscan pens at the 2005 Shot Peening and Blast Cleaning workshop. The pens are manufactured by Metal Improvement Company and will be distributed by Electronics Inc.

The new pens make the Peenscan process as easy as using a magic marker. The Peenscan 220-2 pen should be used for softer base metals, softer shot and lower peening intensities. The 220-6 pen should be used for harder base metals, harder shot and higher peening intensities. For example: When peening 304 S/S at an intensity of 6a to 9C with 110 shot, one should use the Peenscan 220-2 pen. When peening 4340 steel at a 6A to 16A intensity with 110 hard shot, use the Peenscan 220-6 pen.

The Peenscan process is a method used to measure the amount and uniformity of "coverage" obtained during automatic, semi-automatic or manual shot peening of metal parts. The objective of the Peenscan process is to provide a practical way to measure coverage in terms of amount and uniformity via monitoring of the degree of removal of a fluorescent tracer dye, which is applied to the work piece. The Peenscan pens use specialty formulated tracer dye liquids known as Dyescan fluids. The choice of an appropriate Dyescan fluid is dependent on the hardness of the metal and the intensity of the shot peening process. The Peenscan process facilitates quality control of the shot peening process.

The residual Dyescan, which remains on a part after shot peening, will identify flat spots and incomplete peening of surfaces. The uniformity of the Dyescan liquid viewed under UV light after the shot peening process will give some evidence as to the degree of removal, or percentage of coverage that has been applied to the different part areas. It is possible to develop visual calibration standards for Dyescan coated coupons that have been exposed to various degrees of shot peening coverage.

For more information on the pens or other our coverage products, call EI at 1-574-256-5001 or 1-800-832-5653.

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