December 1997 ISSN 1069-2010

THE SHOT PEENER

Spring 1997

International Newsletter for Shot Peening-Surface Finishing Industry

Volume 11, Issue 4

Summer 1997

Fall 1997

Winter 1997

IN THIS ISSUE:

From the Desk of... Page 3

Letters to the Editor Page 4

The 1997 Shot Peener of the Year . . . Page 4

A Salute to Our 1997 Workshop Attendees and Instructors

The New MagnaValve 578C..... Page 6

Effect of Microstrains and Particle Size on the Fatigue Properties of Steel.....Page 7

Patents Granted Page 26

Books Available from Electronics Inc.

Scenes from Workshop 1997 Page 36

Upcoming Events Page 38

And much, much more!

The 1997 Shot Peening Workshop



The troops are back from "Desert Blast & Peen". The 1997 annual workshop on Blast Cleaning and Shot Peening was in Scottsdale, Arizona. A record number of students (120) stormed into town and got some education, good food and lots of fun. Hummer tours of the desert seemed to be very popular, as well as a few rounds of golf. A hospitality reception was held Tuesday evening, compliments of the co-sponsers that all had commercial display booths (13 this year).

Those that were brave enough to attend the "little" reception held on Wednesday evening got to enjoy 18 dozen fresh oysters on the half shell. A big "thank you" to our world famous instructor Dr. John Cammett; John checked those little critters as luggage in an ice cooler and brought them all the way from North Carolina.

Unfortunately, the room smelled a little odd after three days, and the microwave oven used to loosen up the shells was somewhat abused. Gene (schoolmaster) Tarabek cut his hand while opening shells and had to allow substitute shuckers Ron Evans and Rick Johnston a chance to satisfy the crowd's appetite.

The first sitting for Level 1 Shot Peening Certification was held on Friday morning and 28 students attended. They will be eligible for Level 2 Certification examination next year. O

Visit our web site for updates on the 1998 Workshop. The dates are November 3, 4, 5.

The location will be on the web as soon as it is finalized.

www.shotpeener.com

19970



A Salute to Our 1997 Workshop Attendees and Instructors

Workshop Attendees

ABB Ehrsam Blast Systems Harrold, Linda

Abrasive Developments Beirns, Mike

Advanced Material Process Borgert, Gerald Wood, Bill

Allied Signal Aerospace Damm, Kenneth Reimer, George Mejer, Paul

Allison Engine Company McBryar, Hody Barber, Michael Esarey, William

American Airlines Mink, John

American Axle & Mfg Main, David

American Saw & Mfg. Co. Hall, Kenneth

Asko Processing Scott, Ron

Associated Spring Crays, Mark Farrell, Thomas Nugent, Robert Perez, Carlos Petrella, Andy Smale, Matt

Atsuchi Tekko Co. Atsuchi, Ichiro

Baiker AG Baiker, Edwin

BF Goodrich Demarco, Bill Hamilton, Jonnie

Blasting SA Correche, Carlos

Blastworks Cooper, Dave

Boeing Commercial Kunz, McKay A. Patterson, Roger Forbes, David Marriott, Jim

Boeing Helicopter Hawkins, James

Bombardier
BeLanger, Dave
Maddex, Dwain
Cleroux, Louise
Forcier, Johanne

Cataphote, Inc. Wamelink, John

Caval Tool Division Shallow, Brian Chem-Tronics
Richardson, Jiles
Willis, Tom
Maurey, Bill

Complete Welding Johnson, Henry

Consolidated Metco Fischer, Ken Schmidt, Paul

Corpus Christi Army Depot Becton, Wendell Clark, Carol Parsons, Chuck Satsky, Richard

Delta Airlines Shearer, Alan

Engineered Abrasives
Richerme, Ed
Richerme, Eddie
Slezak, Brent
Wern, Mike

Erickson Air Crane Durbin, Tim Mondry, Robert Stiger, Bill Wilhelm, Randy

GE Aircraft Engines Brown, Peter Ditoro, Michael O'Brien, Thomas Pollak, Richard

GE Engine Services Summersell, Phil

Guyson Corp. Dye, John E.

Hagerty Brothers Company Rice, Tony

Hill Air Force Base Swaner, Steven Velasquez, Lee

Hytek Finishes Hale, Wayne Richter, Clem Wilkerson, Dave

Industrial Metal Finishing Hayden, Robert Lee, Jeff

J.P. Carrington Carrington, Jack

Mascotech Fleck, Scott Sutton, Brian

McAllen Components Arriaga, Joe Garza, Jose

Messier-Dowty Montreal Provost, Luc Savard, Jean-Francois

Metal Tech Rice, Scott Midwestern Machine Veil, Deonn Veil, Keith

Moyno Oilfield Products Lopes, Kevin

NADEP North Island Dinkias, Michael

NASCO Hall, Blake

National Metal Abrasive Keener, Bruce

NMF Canada Desormeaux, Martin George, Hebert

Norblast SAS Bandini, Michele Ribani, Roero

Northrop Grumman Commercial Aircraft Div. Hughes, Howard

Northwest Airlines Bendoraitis, John Ehresman, Tommy

Pakpal International Chun-Hong, To Tian-Cheng, Tan

Pratt & Whitney Yuko, Michael

Praxair Surface Technologies
Gamache, Roger
Graves, Dale
Hayes, Gary
Holmes, Kerstan
Kelly, Gary
Liberty, Steven
McGhee, Mark

Progressive Technologies Green, Will Young, Kevin

Purdue University Hillberry, Prof. Ben Shin, Prof. Yung

R.R. Evans Evans, Ronald

SNECMA Bauzou, Jean-Louis

Superior Metal Prep Dynda, Brian

Surftech Finishing Co. Finley, Dan McGraw, Cory

United Airlines Harrold, Robert Lee, David Pedranti, Wayne

United Defense Jenkins, Ray US Filter/BCP Canada Horton, Shawn

USF/Wheelabrator-Canada Pelle, Don Johnstone, Barry

USF/Wheelabrator Mikkelson, Earl

USF/Wheelabrator-Sisson Lehmann Radulescu, Paul Schwab, Dominique

Workshop Instructors

Steven Baiker Baiker AG

Bill Barker
Progressive Technologies

Lee Bussard
Pangborn Corporation

Dr. John CammettNaval Aviation Depot

Dean Davies Ervin Industries

Bob Gillespie Premier Shot Company

Ken l'Anson U.S. Filter/ Wheelabrator Canada

Rick Johnston U.S. Navy - NADEP

Dwight Lutsko Jet Wheelblast Equipment

Dale Lombardo GE Aircraft Engines

Charlie Mason
Menasco Aerospace Ltd.

Larry Pope W.S. Tyler

Greg Rabel
Midwestern Industries

Ken Dykstra Precision Automated Systems

Gene Tarabek Tarabek Inc.

Herb Tobben Zero Products/Clemco

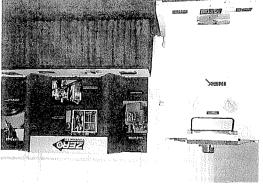
Jim Whalen Progressive Technologies

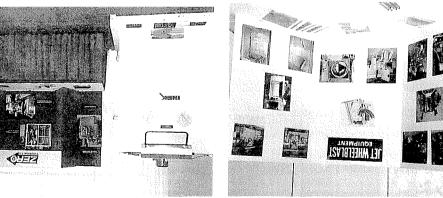
1661 dous you would sauass

displayed their products and services. Thank you to our exhibitors—13 companies

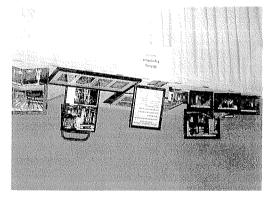


gninoal) eartrus atl , atsilaisegs gnidaini1 & ,



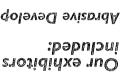




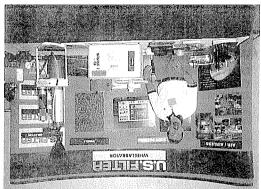


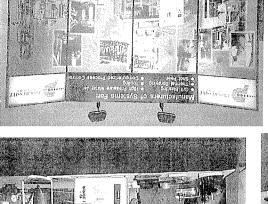
• bbeniek•

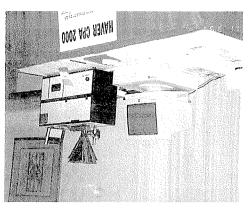


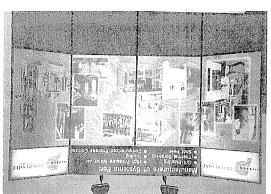


Zero Products N. S. Tyler U.S. Filter! Wheelabrator Progressive Technologies Premier Shot Company Pangborn Corporation spldleedW tel Frohn North America Engineered Abrasives Electronics Inc. Delong Equipment Blastworks Inc. Abrasive Developments









p ənssı'lı əmulov

The Almen Gage R & R Study



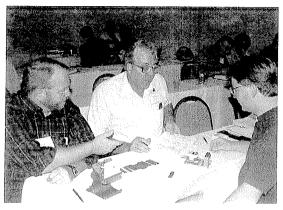
Man, these older gages are hard to read!



Hey, I didn't know we could use laptops!



Teamwork is the key



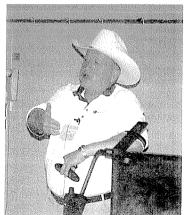
"Give it to me." "No, I know this is right!"



Professor Ben Hillberry of Purdue University



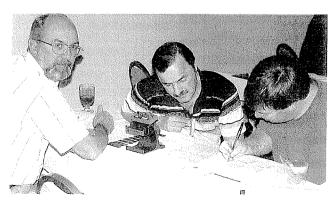
Everything goes better with Coke



Dr. John Cammett, Naval Aviation Depot, was one of our instructors



Now, this is how this works...



The one with the best penmanship always has to fill out the charts

