

From the Desk of JACK CHAMPAIGNE...

HEARD ON THE STREET — I saw a demonstration of a software package that will laser print the Almen strip curve and display the intensity value automatically. The program is in advanced development and might be commercially available by the end of the year. You heard it first in **The Shot Peener**.

WE GET QUESTIONS. We try to provide a referral service to our readers regarding suppliers and resources. The Winter issue will be dedicated to an "Annual Directory" and will list equipment builders, consultants, testing laboratories, reference libraries, etc. If you or your company don't receive a questionnaire, contact Ann Calvin.

A READER WRITES... "What is hammer peening?" My response was, "Gee, I don't know." At first I thought he might be referring to flap peening but he mentioned he had seen sectioned specimens that indicated impact from a 1" diameter ball. Since his product was a 5" diameter pipe, this is certainly a neat trick. Can anyone help?

SAE is working on possible revisions to J442 concerning the Almen Gage. Questions of its construction and use are being investigated. For additional information, contact:

Charlie Barrett
86 Murray Hill Terrace
Marlboro, NJ 07746
201/972-1562

Bill Miller (that rascal) from Boeing sent me information on Flap Peening. For additional information, call Doug Earl at 3M and ask for Surface Conditioning Application Notes - 3M Brand Roto Peen Flap Assemblies Type TC330.

The Winter edition of The Shot Peener will be a "keeper". You'll want to save that issue because it will include company profiles, lists of government and industry specifications, consultants, testing laboratories, etc., etc. Advertisers should contact Ann Calvin for rates and space reservations. The bingo cards will request free renewal information and you must sign and return your card to continue receiving The Shot Peener.

Now is a good time to say "thank you" to our Almen strip customers. We started selling Almen strips to help underwrite the cost of publishing The Shot Peener. Since advertising revenues cover only 25% of the publication and mailing costs, we can use all the help we can get. Incidentally, we currently have subscribers in 56 countries.

Although I couldn't attend ICSP-4 in Japan, we have asked permission to re-sell copies of the proceedings through The Shot Peener. Watch for future announcement.

Michael Hreha of Metal Finishing Service of Chicago wrote and advised they had purchased a large quantity of S-170 Aircraft Grade Cast Steel Shot. They would like to sell some of the excess. All certification and lab reports would be supplied with purchase. If interested, you can contact Mike at (312) 538-3600.

I recently saw Bill Buhr in Missouri and learned he has a new company called Industrial Enterprises Incorporated, and he is available to do wheel machine rebuilding. I met Bill 3 years ago when he helped retrofit an 8-wheel machine with Model 250 MagnaValves. He duplicated the hopper bottom with the valves and brought it into the facility for a 4th of July shutdown and had the conversion done in less than one week of down time. Contact Bill at (314) 893-8384.

The Summer issue of the Shot Peener asked survey questions regarding the useage of Almen Strips. Since only about a dozen readers responded, no conclusions were drawn.

DEPARTMENT NEWS...

WOW DEPARTMENT. A new start-up company in Canada just finished a 3-nozzle direct pressure machine for the USAF. I was impressed, not only because it used three MagnaValves, but it was indeed a high-tech machine capable of program storage and clever part handling. Contact Ken I'anson at Blastworks for more information, (416) 332-1229.

WE'RE LATE DEPARTMENT. GM of Canada and Waupauka Foundry are beating me up (and rightfully so) for long delivery time of a new MagnaValve. The Model 100 MagnaValve, intended for 75-100 HP blast cleaning passed a preliminary test at Wheelabrator last month when it achieved 2600 lbs/min flow rate. Final packaging is all that needs to be done. Please be patient. I'm going as fast as I can.

NEW BOOK DEPARTMENT. Shaker Meguid at the University of Toronto just published "Surface Engineering", Elsevier Applied Science. Papers presented at a conference in June, 1990 include six article on shot peening. Contact Dr. Meguid at (416)978-5741

WE'RE GROWING DEPARTMENT. We have added over 400 readers to our newsletter this year. WELCOME! Please consider submitting company profiles or technical articles.

LOST DEPARTMENT. Three people have asked me "Where is Al Delizzia?" Can anyone help?

EDUCATION DEPARTMENT. Shaker Meguid has provided several 2 or 3 day workshops on shot peening. While these have been mildly successful, we still get requests for more "hands on training." I suggested an annual TSP workshop that would last 4-1/2 days and have multiple instructors and support from equipment builders and media suppliers. Cost would be \$1,400 per person which would include lodging and meals, but not transportation. Enrollment would be limited to 40 students. Any comments? Please call me.

LIBRARY DEPARTMENT. Our library continues to grow as we add more conference, magazine, journal articles to our computerized list. However, we have not acquired all of the "great" works by Almen, Fuchs, Straub, etc. If you have a hard-copy, please send it to TSP c/o Pat. We hope to offer the entire list of titles, including abstract and keyword searches on floppy disks by the end of 1991. We need lots of help. Your support is needed and appreciated.

SUBSCRIBER RENEWAL DEPARTMENT.

Check your mailing label for expiration date. It should say "Expires Dec., 1990". The next issue, the Winter Issue Annual Directory will have the bingo card designed to contain your renewal request. We purge our mailing list after each winter issue — be sure to renew.

Application Notes Available

Description

Controlled Shot Peening by Jack Champaigne	Bingo No. 12
MIL-S-13165C - Shot Peening of Metals	Bingo No. 13
Development of a Mathematical Model for Predicting the Percentage of Fatigue Life Increase Resulting from Shot Peened Components, Phase I by Roger S. Simpson	Bingo No. 14
List of Patents relating to Shot Peening	Bingo No. 15