

# SAE Surface Enhancement Division: Fatigue, Design & Evaluation Committee

In the past few issues of *The Shot Peener*, I had responded to questions of other readers. This time I thought the readers would be interested in learning about the SAE standing committee on shot peening, the Surface Enhancement Division, who we are and what we accomplish for the industry.

The Surface Enhancement Division is part of the Fatigue, Design and Evaluation Committee. This committee is a participating technical organization where the forum exists for industrial and academic professionals to focus cooperatively on design durability. The Surface Enhancement Division deals with the cold working treatment of mechanical components for fatigue life improvement.

The division consists of 25 participating industrial users, suppliers, and academicians. Supporting these members are 10 consultants, one international liaison, and 25 interested parties.

The division writes and/or maintains all 11 SAE "J" specifications and two handbooks, all pertinent to the shot peening industry. Currently there are five subcommittees actively working on reviews of the following specifications and handbook:

Mechanical Testing of Shot and Grit for Durability, J-445  
Residual Stress Measurements by X-ray Diffraction, J-784  
Blast Cleaning Manual, J-792  
Shot Peening Test Strips, Holder and Gage, J-442  
Glass Beads for Peening, J-1173

The division operates under the guidelines of SAE Technical Board Rules and Regulations, and has within its scope of jurisdiction the responsibility for preparation of SAE Technical Information Reports, SAE Standards, and SAE Recommended Practices. In accordance with SAE Technical Board requirements for five-year review after publication, it confirms without change, updates, revises or recommends deletion of any report within its scope. It also introduces new specifications in keeping within state-of-the-art.

Membership in the division is open to any person competent in the technical fields specified in the scope of the division and willing to contribute to the work of the division.

Division meetings are held semi-annually in conjunction with F.D. & E. Committee meetings. Meeting sites alternate between industrial and university sponsors. Sub-committees meet as required. The next meeting will be held on October 4-5, 1994 in Dearborn, MI. It will be hosted by the Ford Motor Company. Contact *The Shot Peener* or Pat Jackson at the SAE office, (412) 772-7161, to request the meeting agenda and arrangements.

Charles F. Barrett  
Chairman, SAE  
Surface Enhancement Division

## News Release from Hydro Honing Laboratories, Inc.

Hydro Honing Laboratories in East Hartford, Connecticut, earned top honors at Textron Lycoming's annual Top Supplier Award Night on April 12, 1994

Textron Lycoming, a producer of turbine engines, hosted a dinner to recognize their top eleven suppliers who, through superior performance, made a significant contribution to Textron Lycoming's success during 1993. These eleven were chosen from a supplier base of over 600 companies.

Hydro Honing was recognized for meeting fluctuating schedule requirements, demanding product quality specifications, and overall business excellence during the year.

The award was presented to Hydro Honing President, Thomas A. Beach; Quality Manager, Walter A. Beach, Jr.; Product Manager, Richard E. Brooks; and Production Supervisor, Kenneth Anderson.

"This is a great honor," says Beach. "Quality service is our number one priority and we are glad to be recognized for our effort." ○



### ANVIL DEVELOPMENTS

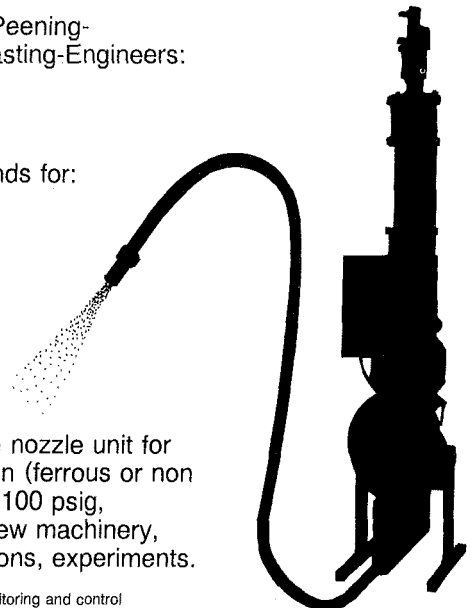
To all Peening-  
and Blasting-Engineers:

**APM** stands for:

**A**dvanced  
**P**eening  
**M**odule

And is a single nozzle unit for  
up to 30 lbs/min (ferrous or non  
ferrous), up to 100 psig,  
designed for new machinery,  
up-dates, add-ons, experiments.

High precision - full monitoring and control



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