From the Desk of... Jack Champaigne

○ **Congratulations to the first graduation class of Level 1 Shot Peening Technicians.** The examination was given at the conclusion of the 1997 Workshop and 28 students successfully passed the test. The exam, which lasted one hour, was proceeded by a review session. Students were given two quizzes to prepare them for the final examination. In order to pass the exam the student had to score 75% or higher, indicating a working knowledge of the basic concepts of shot peening. Topics included peening intensity and coverage, tensile and compressive stresses, use of Almen strips, and process variables. The students were required to construct an Almen saturation curve and determine the peening intensity.

Level 1 certification is recommended for shot peening operators. Advanced work is covered in Level 2 certification for supervisors and set-up personnel. Level 3 certification is available for persons performing peening optimization, fatigue studies and material properties related to peening. Preparation for Level 1 examination is prior work experience (minimum of one year) or attendance at the annual workshop. The Level 2 certification requires holding the Level 1 certification for one year. Level 3 certification requires holding the Level 2 certification for one year. Each level of certification expires after 5 years, unless a higher level certification is achieved.

The next scheduled examination will be Friday, November 5, 1998 at the conclusion of the Annual Workshop. Companies needing training and certification on an individual basis should call for special arrangements. Audits of equipment, personnel and procedures as well as preparation for ISO 9000 and Q-9000 are also available.

Workshop 1997

Phil Kurzhall, with Electronics Inc., demonstrates the MagnaValve

This was our largest workshop yet; 120 people attended.

These workshop attendees are hard-at-work during the Almen gage R & R study.
More workshop photos are on pages 36 and 37.