

# Biography

## Jack Champaigne



President, Electronics Inc.  
56790 Magnetic Drive  
Mishawaka, IN 46545-7493 USA  
Tel: 1-574-256-5001 / Fax: 1-574-256-5222  
email: [jack.champaigne@shotpeener.com](mailto:jack.champaigne@shotpeener.com)  
website: [shotpeener.com](http://shotpeener.com); [Electronics Inc.](http://Electronics Inc.)

Jack Champaigne is President of Electronics Incorporated (EI). EI is a manufacturer of products that improve the quality and control of shot peening and blast cleaning processes including flow controls, monitors, MagnaValves for air and wheel blast machines, Almen gages and certified Almen test strips. Mr. Champaigne developed the MagnaValve, a magnetic media valve, and Electronics Inc. has 14 patents relating to shot peening control technology.

In addition to marketing products used worldwide in the surface finishing industry, Mr. Champaigne is committed to education and the distribution of information. Electronics Inc. hosted the first Shot Peening and Blast Cleaning workshop in 1991 and continues to sponsor innovative workshops in North and South America, Asia, and Europe. EI provides on-site shot peening and testing programs and was the first shot peening training company to receive FAA recognition. Since 1986, EI has published *The Shot Peener* magazine. Read in 85 countries, *The Shot Peener* is dedicated to sharing information and expanding markets for shot peening and blast cleaning industries. In 1995, EI launched an extensive online library devoted to shot peening and blast cleaning and is now the largest single source for research papers and articles.

Mr. Champaigne has contributed to the advancement of shot peening throughout his career by volunteering his time to the International Scientific Committee for Shot Peening, the Surface Enhancement Division of Society of Automotive Engineers (SAE) and the Aerospace Metals Engineering Committee (AMEC) of the Aerospace Materials Division of SAE. Mr. Champaigne has been appointed Chairman of the International Scientific Committee for Shot Peening and host of the Eleventh International Conference on Shot Peening in 2011. In 1996, he was Chairman of the Sixth International Conference on Shot Peening which was held in San Francisco, California. He currently holds the position of Committee Chairman of the Surface Enhancement Division of SAE. In January 2008, Mr. Champaigne founded a new shot peening sub-committee of AMEC and, as Chairman, is presiding over a group of international industry leaders in the pursuit of updating and creating specifications that will be relevant to today's shot peening industries. Mr. Champaigne graduated from Purdue University with a Bachelor of Science degree in Electrical Engineering in 1968 and has worked in the shot peening industry since the inception of Electronics Incorporated in 1974.