



# PROFESSIONAL SCUBA INSPECTORS

**Attend PSI Workshops for  
Visual Cylinder Inspector  
and  
Eddy Current Technician**

**February 12, 2011  
8:00 AM**

**Hosted by  
KBW Scuba & Aquatic  
946 Lake Road  
Avondale PA 19311  
610-268-8500**

**PSI, Inc.** is the only full-service visual inspection corporation of its kind in the world. Both PSI's textbook and program have been cited by U.S. Courts as the authority in Visual Cylinder Inspection of SCBA and SCUBA.

## PSI Training is recognized by

US Government Agencies including NOAA, DOT, Dept of Defense, NASA, OSHA, CGA

Scuba Agencies including NAUI, PADI, SSI, DEMA, YMCA and RSTC

Manufacturers including Luxfer, PST, Interspiro, Coyne, Taylor-Wharton, Scott, Bauer & SCI

**The U. S. Court System!**

Course Instructor:  
Dallas Edmiston, PSI Instructor #79  
99 Patton Place, Buffalo NY 14221  
Phone: 716-725-5333

**PSI Cylinder Inspection Workshop** - The Cylinder Inspector Workshop includes lecture and hands-on training. Participants should bring one cylinder each for inspection during the program. Program fees include textbook, workbook and certification.

### Program objectives include:

- the history and manufacture of high pressure cylinders
- State the characteristics and differences between steel, aluminum and FRP composite cylinders
- Understand cylinder markings
- Identify the different types of corrosion and understand Sustained Load Cracking (SLC)
- Cite the authority to condemn cylinders
- Meet DOT and OSHA requirements for high pressure cylinder handler HAZMAT training
- Identify and use proper inspection tools
- Identify cylinder valve inspection points
- Learn the 18 step PSI Inspection Protocol and state the Recommended Inspection Limits for each cylinder
- Learn the proper techniques for cleaning or re-painting cylinders

**PSI Eddy Current Technician Workshop** - Eddy current testing is a more recent addition of inspection techniques to aid the knowledgeable inspector in evaluating the integrity and worthiness of aluminum cylinders. Workshop fee includes student manual, workbook and certification. Certification as a PSI Visual Cylinder Inspector is a prerequisite for participation in this workshop

### Program Objectives include:

- Eddy current theory
- Instrument familiarization, setup and probe calibration
- Conducting proper eddy current evaluations
- Identification and correction of common test problems
- Instrument maintenance and diagnostic tests



**90% of Air Cylinder Explosions  
Occur During the Filling Process**

### PSI Workshop Registration

Return to Dallas Edmiston, 99 Patton Place, Buffalo NY 14221, Phone 716-725-5333  
Please print clearly

Name: \_\_\_\_\_ Age: \_\_\_\_\_ Phone: \_\_\_\_\_

Complete Mailing Address: \_\_\_\_\_

Indicate Course Date and one option below:

- ☐ Cylinder Inspector Workshop Only, 8:00 AM to 4:00 PM - Tuition \$275.00  
☐ Eddy Current Technician Workshop Only, 4:00 PM to 6:00 PM - Tuition \$125.00  
☐ Combined Cylinder Inspector and Eddy Current Technician Workshops - Tuition \$350.00  
☐ Refresh Training for Cylinder Inspector Workshop (Must provide PSI Inspector Number) - Tuition \$150



All applications must be submitted with full payment to confirm reservation. Send application and appropriate fees to the address listed above. Participants enrolling for Refresh Training must provide their PSI Inspector Number here: \_\_\_\_\_