

Pittsburgh Valve and Fitting Company

Training Program Overview



Pittsburgh Valve & Fitting Company's Customer Training transfers the wealth of technical and product knowledge, possessed by Pittsburgh Valve & Fitting's experienced associates, to its customers. The topics discussed and exercises performed all have a consistent, fundamental theme – safety. As such, this suite of training programs can be utilized as an integral part of your overall safety program, thus reducing the need to produce safety program content.

Upon completion of the training, the participants will be more proficient and confident with the application, installation and maintenance of fluid control products and systems.

We take a customized approach to our training programs to ensure that the content and demonstrations are aligned with the customer's specific needs and concerns. The training programs are comprised of the fundamental course offerings described in this brochure.



For information on online training programs through **Swagelok University**, or for other training requests, please contact us at training@pittsburgh.swagelok.com or call **412.761.3212**.

Swagelok® Comprehensive Safety Training

Safety is a top priority for almost every customer. Given the wide-ranging application of fluid control products, and the role they play in the safe delivery and transfer of materials in a customer's fluid systems, Pittsburgh Valve & Fitting is uniquely qualified to provide training on proper product application and installation. The corresponding interaction between those products, the materials flowing through them, and the resultant pressure is an essential interrelationship to understand in the safe operation of a fluid system.

The core topics of the Swagelok® Comprehensive Safety Training are:

- Tube Fitting Selection and Installation
- Tube Bending Practices and Standards
- Fundamentals of Pressure and Working with Compressed Gas
- Material Safety Data Sheets: Interpretation and Application

Customer Benefits Include:

- Comprehensive understanding of proper application and installation of critical fluid system components
- Improves employee's overall awareness and understanding of relationship between their role/actions and plant safety
- Increases understanding of the potential safety hazards inherent in materials flowing through fluid systems
- Reduces downtime caused by unnecessary safety incidents
- Enhances safety mindset within customer's enterprise

Industry Trends & Applications Seminar

The Industry Trends & Applications Seminar is designed to inform Pittsburgh Valve and Fitting's customers about new trends and innovative product applications in specific industries. This will allow for more awareness of new products, processes and procedures that can drive efficiency and productivity for Pittsburgh Valve & Fitting's customers, ultimately allowing them to be more competitive and offer a more differentiated solution to their own internal and external customers.

Tube Fitting Safety Installation Seminar

Properly educating the end-customer on the appropriate safety practices and component installation procedures provides tremendous value to our customers. This course is a hands-on training class covering the proper application and installation of fluid system products. This training seminar is based on utilizing the proper safety practices around systems under pressure.

Customer Benefits Include:

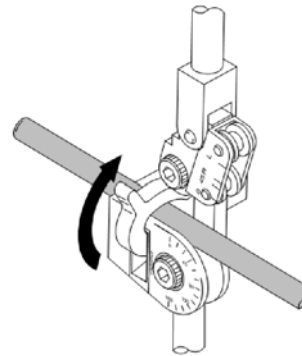
- Improves employee skills
- Reduces installation and rework costs
- Reduces needless downtime
- Increases employee safety in the plant

Tube Bending Seminar

There are many different elements necessary to assure accurate and proficient tube bending – particularly when performed in a variety of settings and conditions in the field. This course teaches proper tube bending techniques and incorporates a number of hands-on exercises that reinforce the techniques and concepts covered.

Customer Benefits Include:

- Improves system performance
- Enhances aesthetic qualities of tubing system
- Reduces scrap
- Reduces re-work time in the field associated with inaccurate tube bending practices



Swagelok® Weld System [SWS] Training

Whether the equipment is leased or sold, SWS training improves the end-customer's skill set and provides opportunities to impact cost savings in other areas of their operation. SWS training generates cost savings by reducing cycle time, reducing rejects, and reducing quality assurance inspection time in addition to reducing rework and scrap.

Customer Benefits Include:

- Improves the ability to do take-offs on entire packages
- Increases installer productivity, safety, and product performance
- Reduces cycle and welding time through effective education
- Decreases consumables and set-up time
- Minimizes raw material scrap and rework



Valve Selection Seminar

With hundreds of different styles, sizes and functions of fluid control valves, it is a challenge to identify the precise fit for a given application. Pressure, temperature, media and environmental conditions all have to be taken into consideration in order to select the most appropriate valve. The Valve Selection Seminar can improve plant safety and system reliability by creating greater awareness of the options and functions of all valves available.

Customer Benefits Include:

- Insures safe valve identification, selection and installation
- Increases installer productivity, safety and product performance
- Improves system reliability
- Reduces system maintenance costs