



PENFLEX

105B Industrial Drive
 Gilbertsville, PA 19525
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Welder Training

Penflex Customer Training offers “hands-on” practice tailored to the level of experience for each individual welder. The visiting welder spends 8 hours each day with our in house Certified Welding Educator and Penflex’s experienced weld/assembly team. The welder’s GTAW skill will be assessed and the type of training will be determined from that evaluation. Specific customized training can be requested as well to meet the Customer’s Applicant needs. The majority of the time is used for training and practicing welding procedures. Experienced welders will need only 2 days typically and less experienced welder’s need 3 days. Assembly fabrication, welding, testing and trouble-shooting skills will be demonstrated and explained. Review of the relationships of the piping codes ASME IX, B31.1, B31.3 by Penflex’s in house Certified Welding Inspector to the processes of assembly fabrication regarding Visual Inspection and weld measurement is included. Training of proper purging techniques is demonstrated as well. The visiting welder is responsible for all lodging, travel cost, and transportation to and from Penflex’s Gilbertsville plant where all the training is done. Penflex can recommend an economy hotel nearby. A Certificate of completion will be provided and certified by the CWI for the hours of training.

Welder Training Plan

Start	Finish	Topics covered- DAY 1
7:00	8:00	Plant Tour: Production floor including Seam Welding, Corrugation processes, Testing, Braiding processes and Quality System Identification and traceability requirements.
8:00	10:00	Welding Station: skill assessment including positioner use fundamentals, ASME B31.1, B31.3 pipe joint preparation, tacking, Argon backing techniques and CFH settings, GTAW process set up and review of torch components.
10:30	11:30	Assembly demonstration: hose cutting, cleaning and prep, braid trimming, ferrule fitting and clamping, proper purging with Penflex system, welding base passes, welding fittings to flex hose.
11:30	12:30	Break
12:30	2:30	Practice: prepping and welding assemblies with instructor assistance, over the shoulder guidance and process management.
2:30	3:30	Bubble Leak Testing ASME Section V Article 10: assemblies welded will be tested with air pressure under water. Review Penflex pressure testing charts and time plus forms to record testing.
Topics covered- DAY 2		
6:00	11:30	Additional practice: prepping and welding more assemblies with instructor assistance if needed, VT visual weld inspection review of ASME V article 9, B31.1 acceptance and Weld Gauge use.
11:30	12:30	Break
1:30	3:30	Penflex Burst Testing: assist Penflex Engineering technician in burst testing your assembly. You can safely watch 1000’s of pounds of pressure destroy your pipe assembly. The ultimate test of Penflex’s training is to burst test your Pipe assembly and really see what you have learned and if it meets the standard.

Welder Training Registration

Please complete this form and return it to Claire Thompson: cthompson@penflex.com

INCLUDE A COPY OF YOUR COMPANY'S CERTIFICATE OF INSURANCE WITH EVIDENCE OF GENERAL LIABILITY AND WORKER'S COMP COVERAGE

ATTENDEE NAME:	TITLE/POSITION:
COMPANY:	
ADDRESS:	
TELEPHONE:	FAX:
NAME/TITLE OF EXECUTIVE/OWNER/MANAGER SENDING YOU TO TRAINING:	
YOUR OBJECTIVE IN TAKING THIS TRAINING COURSE:	
SIZES OF ASSEMBLIES YOU WORK ON MOST OFTEN:	
YOUR EXPERIENCE IN WELDING:	
ARRIVAL DATE & TIME:	
DEPARTURE DATE & TIME:	

Welder Training Visitor Agreement

Identification: All visitors must wear a "Visitor Sticker" and I.D. is required of any person who wishes to enter the plant.

Escort: Visitors must be escorted at all times by a designated Penflex employee.

Equipment: Visitors must remain a safe distance from any operating equipment.

Dress code: Visitors must wear safety glasses and closed toe shoes with less than a 1" heel.

Photography: Videotaping and photography are not allowed.

Confidentiality: All proprietary information must be kept confidential and must not be disclosed without written permission

Please sign as acknowledgement and compliance of the rules stated above.

Visitor Name: _____

Visitor Signature: _____

Date: _____