



Forge Tech, Inc.

900 Anders Ln. - Bldg#15, Kemah, TX 77565 USA

Office: 888-854-8414 ~ Fax: 832-864-2235

Level 1 Forge Bonding™ Technician Assistant Training

Course Name: Level 1 Forge Bonding™ Technician Assistant Training

Course Description: Students will be trained to assist Level 2 or more qualified Forge Bonding™ technicians in performing Forge Bonding™ services. Students will learn about the Forge Bonding™ process and its applications. They will be taught the proper technique to bond studs to metal surfaces, and then practice and perform hands-on installations and/or repairs. Students will also learn important aspects necessary to perform a job-walk and measure-up to provide information to Forge Tech, Inc. (FTI) Engineering. Once completed, a test will be administered and if passed, the student will receive a Level 1 Certificate. The training will be conducted in a workshop environment with about 30% lecture and discussion and 70% hands-on training.

Training Location: Forge Tech, Inc., 900 Anders Ln – Ste 15, Kemah, TX 77565 USA. If arranged in advance, training may be performed at other locations; additional costs may apply.

Course Duration: Three (3) days, Tuesday through Thursday, 8 am – 4 pm.

Qualifications: Level 1 Forge Bonding™ Technician Assistant. To achieve Level 1 certification, students must complete three (3) days of combined lecture and hands-on training and pass the Level 1 test. Student must advance to Level 2 within one (1) year of achieving Level 1 or must retake the Level 1 training course. In addition to passing the Level 1 training course, a Level 1 Technician Assistant must complete a minimum of five (5) days of hands-on Forge Bonding™ field experience before taking the Level 2 training course.

Pre-requisites: High School diploma or equivalent, plus five (5) years industrial on-line leak sealing experience.

Required Materials (student must bring them to training):

- Safety glasses
- Work gloves
- Hearing protection
- Work clothes

Minimum/Maximum Number Students per Class: 2/6 students



Classroom Training

Classroom Materials:

- Overhead Presentations and Projector.
- Hand-outs
- Whiteboard with markers
- Forge Bonding Samples

Classroom Outline:

1. Forge Bonding™ Overview
 - What is Forge Bonding™ ?
 - Features and Applications of Forge Bonding™
 - Backside Temperature Safety
 - Stud Integrity
2. Measure-up for Forge Bonding™ jobs:
 - Repair Plates, Enclosures and Brackets
 - Standardized Repairs
 - Vacuum Clamp
 - Metal Thickness - UT testing
 - How to deal with Obstructions
3. Clamps - Fundamentals and Applications;
 - Vacuum
 - C-channel
 - Chain
4. The Forge Bonding™ process
 - Preparing the Work Surface
 - Horizontal Surfaces
 - Vertical Surfaces
5. Application of the polymer and gasket
6. Ensuring a Good Seal and How to Avoid Leaks
7. Go/No Go indicators
8. Dealing with Customer Interference

Hands-on Training

Shop Materials:

- Personal Protection Equipment
- Tank Roof and Wall Mock-Ups
- Forge Bonding™ System and Materials
- Air Compressor

Hands-on Training Outline:

- Proper Safety Techniques



- Forge Bonding™ Components
- Equipment Operation
- Quality indicators
- Trouble Shooting
- Working in Breathing Air TBD
- UT Verification
- Spark-free Rotary File, Grinder and Cutting Tool
- Polymer Application
- Care of Equipment.

Students must pass a test at the end of training.

Lump Sum Pricing

Level 1 Forge Bonding™ Technician Assitant Training Pricing

Price per student.....US\$ 4,500.00*

* Minimum of two (2) students per class and a maximum of six (6) students per class.

Prices are subject to change.

In evaluation of this proposal, should you have any questions or need additional information, please contact;

Mathew A. Rybicki

President & CEO

mrybicki@forgetechinc.com

[+1-281-532-6242](tel:+12815326242)

www.forgetechinc.com