

# BIW Learning Center | 2019 Training Courses

The BIW Learning Center is available to BIW Connector Systems customers. To register, contact your BIW Regional Sales Representative or visit [www.ittbiw.com/Support/Learning-Center-Sign-up](http://www.ittbiw.com/Support/Learning-Center-Sign-up)

## Basic Training

### Basic Training Modules

#### General

#### Connector Systems for Wellheads Basic Training

- Introduction to Wellhead Penetrator Systems
  - General Cable Preparation Technique for Connector Assembly [5:20]
  - Contact Pins Crimping Technique for Connector Assembly [5:15]
- Concepts and Field Best Practices BIW Connector Systems
  - Mating a BIW Surface Connector Technique for Field Assembly [2:45]
- Online Quiz
- Redress Seal Element Technique for BIW Surface Connectors [2:25] (optional)

#### BIW LC Quick Start Guide

- BIW LC Getting Started Video [04:00]
- List of Training Courses (optional)
- FAQ on the BIW LC (optional)

## Product Training

### PEEK Product Family

#### 3000-psi rated

#### E-Zee Feed Wellhead Penetrator Installation & Assembly

- E-Zee Feed EZFX01 FA Connector for FLAT/ROUND cables - A400-0298 Rev F
- E-Zee Feed Connector Assembly Video [07:20]
- Online Quiz
- Confirmation by Supervisor
- E-Zee Feed EZF901 FA Connector for FLAT/ROUND cables - A400-0349 Rev A (optional)
- E-Zee Feed MEZF601 FA Connector for FLAT cables - A400-0344 Rev A (optional)
- E-Zee Feed ZFX01 FA Feedthru for FLAT/ROUND cables - A400-0351 Rev B (optional)
- E-Zee Feed Flat-to-Round Cable Transition for FLAT Cables - A400-0236 Rev E (optional)
  - Flat-to-Round - Cable Prep Technique for Connector Assembly [07:10] (optional)

#### EFT Field Attachable Surface Connector Assembly

- EFT FA Surface Connector for ROUND Cables - A400-0188 Rev LEFT Surface Connector Assembly Video [06:30]
- Online Quiz
- Confirmation by Supervisor

#### 5000-psi rated

#### HEL Field Attachable Connector Assembly for Metal-Lok / HEZF Products

- HEL FA Lower Connector for ROUND Cables - A400-0296 Rev H
- HEL Connector Assembly Video [06:20]
- Online Quiz
- Confirmation by Supervisor
- HEL FA Lower Connector for FLAT Cables - A400-0267 Rev AB (optional)

#### 5000-psi E-Zee Feed Wellhead Penetrator Installation and Assembly

- 5000-psi E-Zee Feed HEM15363 FA Connector for FLAT Cables - A400-0376 Rev A
- 5000-psi E-Zee Feed Connector Assembly Video [08:00]
- Confirmation by Supervisor
- Online Quiz

#### HEZF Packer Penetrator Installation and Assembly

- HEZF FA Packer Feedthru for FLAT Cables - A400-0354 Rev A
- HZEF Packer Penetrator Installation and Assembly [08:00]
- Online Quiz
- Confirmation by Supervisor
- HEZF FA Packer Feedthru for ROUND Cables - A400-0272 Rev L (optional)

### Rubber Molded Product Family

#### 5000-psi rated

#### BIW Rubber Molded Field Attachable Connector Assembly

- BIW Rubber Molded FA Connector for FLAT Cables - A400-0176 Rev L
- BIW Rubber Molded FA Connector Assembly Video [07:15]
- Confirmation by Supervisor
- Online Quiz
  - Flat-to-Round - Cable Prep Technique for Connector Assembly [07:10] (optional)
  - Flat-to-Round - Cable Armoring Technique for Connector Assembly [05:45] (optional)

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## Product Training (Continued)

### BIW NextGen PEEK Products

#### 3000-psi rated

##### Uni-Lok Wellhead Penetrator Installation and Assembly

- Uni-Lok FA Downhole Pressure Block for FLAT #2 and #4 Cables - A400-0373 Rev C
- Uni-Lok Installation and Assembly Video - PART 1 Downhole Portion [07:20]
- Uni-Lok FA Surface Connector for ROUND Cables - A400-0374 Rev B
- Uni-Lok Installation and Assembly Video - PART 2 Surface Portion [09:25]
  - PEEK Insulation Stripping Technique for BIW Steel Encapsulated Cables [2:50]
- Online Quiz
- Confirmation by Supervisor
- Uni-Lok FA Surface Connector for MCHL Cable A400-0384 Rev (optional)
- MCHL Cable Gland Prep Technique for Tri-Lok/Uni-Lok Surface Connectors [07:10] (optional)
- EYS Sealing Fitting for Uni-Lok MCHL Cable [06:15] (optional)

##### Presta GS Field Attachable Splice Assembly

- Presta GS Cable Splice for Non-Lead ROUND Cables - A400-0389 Rev
- Presta GS Splice Assembly Video [05:45]
  - Cable Lead Forming Technique for Connector Assembly [3:00]
- Online Quiz

### Get Started Today!

Developed exclusively for BIW customers, the **BIW Learning Center** offers a comprehensive training approach that closes the gap between field installation & product failures. To register, contact your BIW Regional Sales Representative or visit [www.ittbw.com/Support/Learning-Center-Sign-up](http://www.ittbw.com/Support/Learning-Center-Sign-up)

#### 5000-psi rated

##### MLS Field Attachable Connector Assembly, for Metal-Lok Slimline Products

- Metal-Lok Slimline Lower Connector for FLAT #2 and #4 Cables - A400-0387 Rev
- MLS Connector Assembly Video [07:40]
  - Cable Lead Forming Technique for Connector Assembly [3:00]
- Online Quiz
- Confirmation by Supervisor

##### Cable Breakout Field Attachable Assembly, for BIW Tri-Lok Products

- Tri-Lok SPT or SPTM Single Pin FA Feedthru for FLAT/ROUND Cables - A400-0388 Rev
- Cable Breakout FA Assembly for BIW Tri-Lok Products [07:20]
  - Outer-Tubing Stripping Technique for BIW Steel Encapsulated Cables [04:35]
  - PEEK Insulation Stripping Technique for BIW Steel Encapsulated Cables [2:50]
- Online Quiz
- Confirmation by Supervisor

##### Metal-Lok Ultra Field Attachable Connector Assembly

- Metal-Lok Ultra FA Lower Connector for FLAT Cables - A400-0343 Rev G
- Metal-Lok Ultra Connector Assembly Video [07:00]
  - Cable Lead Forming Technique for Connector Assembly [3:00]
- Online Quiz
- Confirmation by Supervisor

##### Tri-Lok Wellhead Penetrator Installation and Assembly

- Tri-Lok STW771 FA Wellhead Feedthru for ROUND Cables - A400-0377 Rev
- Tri-Lok TW772 FA Surface Connector - A400-0367 Rev B
- Tri-Lok Wellhead Penetrator Installation and Assembly [04:50]
  - Outer-Tubing Stripping Technique for BIW Steel Encapsulated Cables [04:35]
  - PEEK Insulation Stripping Technique for BIW Steel Encapsulated Cables [2:50]
- Tri-Lok Landing Cable - A400-0379 Rev A
- Online Quiz
- Confirmation by Supervisor
- MCHL Cable Gland Prep Technique for Tri-Lok/Uni-Lok Surface Connectors [07:10] - optional
- Tri-Lok TW771 Wellhead Feedthru for FLAT/ROUND Cable - A400-0385 Rev (optional)
- Tri-Lok STW771 Low Clearance Breakout for ROUND #4 Cables - A400-0380 Rev (optional)
- Tri-Lok STW771 FA Wellhead Feedthru for FLAT Cables - A400-0378 Rev (optional)

## Why ITT

ITT is a diversified leading manufacturer of highly engineered critical components and customized technology solutions for the energy, transportation and industrial markets. Building on its heritage of innovation, ITT partners with its customers to deliver enduring solutions to the key industries that underpin our modern way of life. ITT is headquartered in White Plains, N.Y., with employees in more than 35 countries and sales in approximately 125 countries.

## About BIW Connector Systems

BIW Connector Systems supplies the upstream oil and gas market with the widest range of electrical feedthru products, offering more than 3,000 available active part numbers. BIW Connector Systems has set the standard for quality, reliability and ease of installation. BIW Connector Systems has a strong culture of forward-looking innovation. With a foundation of quality engineering and focus on reliability, BIW Connector Systems' legacy of continuous improvement drives the development of its products. These systems help deliver power to the submersible pumps in wells on frozen tundras and in sun-bleached deserts, keeping workers and environments safe and global economies running 24-hours a day.

### BIW Connector Systems Headquarters

500 Tesconi Circle  
Santa Rosa, CA 95401 USA  
Phone: +1 707-523-2300  
Fax: +1 707-523-3567  
Toll Free US: +1 800-437-2248  
techsupport.biw@itt.com  
www.ittbw.com

### Sales Offices

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