

GASKET INSTALLATION Training

Gasket Training Rig Program Overview

Our FADU (Flange Assembly Demonstration Unit) Training Rig is a great "hands-on" tool that helps to represent a true gasket installation experience. Users can use CNA, PTFE or even semi-metallic gaskets for demonstration. And the unit has a 4" 300# RF flange, with 8 – ¾" bolts that are individually strain gauged to measure the applicable bolt stress in real time.

Generally the training is divided into 2 parts:

1. Classroom learning (Overview of specific learning criteria for the application level of training)
2. Hands on training with the gasket installation rig (gasket installation and bolting fundamentals)



TO REQUEST TRAINING DATES
email *training@trianglefluid.com*
or call 1-866-537-1133

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*Cost of training includes Rig transportation and other administration fees - based on location and meeting minimum enrollment criteria. Call or email for more information.

Program Levels

Level 1: Beginner (<1 Day)

- Function of a gasket
- Mechanics of a BJFA (Bolted Joint Flange Assembly)
- The function of a stud/bolt, washer and nut
- What to look for when evaluating gasket installations
- Basic installation and joint disassembly using the modified legacy method (star pattern)
- Demonstration of the Gasket Training Rig with 1-2 volunteers to use the train

Level 2: Intermediate (1-2 Days)

- More in depth understanding of forces acting upon the BJFA
- Lubrication and why it is so important
- PCC-1 Overview
- The importance of retightening/torqueing
- Gasket failure analysis and how to determine root cause
- Alternative torque control devices (Torque multipliers, hydraulic and stud tensioning) – The pro's and con's to each
- Alternative methods of installation such as quadrant, circular and simultaneous multi bolt – Why and where you would used them

Level 3: Advanced (1-2 Days)

- Criteria specific training requested by attendees
- Application specific installations
- Problematic gasket installations and how to improve gasket reliability during start-up