

GFIT

GPT Flange Isolation Training



Training and Certification Program



Best in Class Training

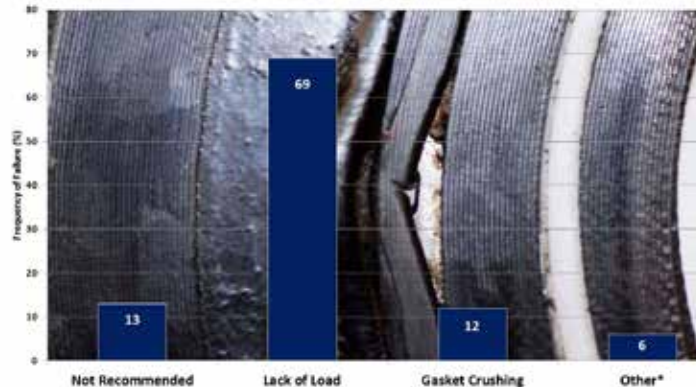
GFIT WORKSHOP.

The GPT flange isolation training (GFIT) offers participants an in-depth 4 hour session on proper installation techniques for flange isolation kits (FIK's). GPT will train your installers to correctly install an isolating gasket and explain the critical role of each component required to successfully isolate the flanges for proper corrosion prevention of the system. In addition, participants will receive hands-on installation training and will learn proper techniques using the correct test meters to accurately check for isolation of the gasket and flanges post installation.

INDUSTRY CHALLENGES.

According to industry failure analysis more than 80% of all gasket failures are due to incorrect user installation. These installation failures can be avoided with proper training and installation procedures.

GASKET FAILURE MODES.



DO YOUR INSTALLERS TREAT ISOLATION GASKETS LIKE A STANDARD GASKET.

Out in the field Installers are faced with a multitude of different scenarios, conditions and challenges. As the installation of isolation gaskets only accounts for 5% of all gasket installations, this unfamiliarity often results in incorrect installation.

HOW MANY COMPONENTS ARE IN A 24"/150# ISOLATION KIT.

There are 161 components that installers will have to work with. The large number of components increases the risk for installation errors.

GET IT RIGHT THE FIRST TIME.

Doing more with less - 440,000 jobs have been cut globally throughout the oil and gas production industry. With fewer resources, getting it right the first time has never been more important.

WHY GFIT?

- » Many installation programs are available today that teach you how to properly install a gasket, but what do you do when your application requires the flanges to be isolated?
- » In addition to proper gasket installation procedures, this training program goes above and beyond other programs to provide in-depth training on what additional components and techniques are required to properly isolate your flange connections.
- » Whether you're field based or office based, we offer tailored training programs to maximize your knowledge and understanding of proper installation methods and flange isolation techniques. This can provide an effective means of bridging the gap between onsite field technicians and engineering groups.
- » *Qualified GPT Installer Accreditation*
- » *CEU Credits Applicable for Professional Engineers*

24" 150# FLANGE ISOLATION KIT COMPONENTS.



Best in Class Training

WHO SHOULD ATTEND?

The GFIT training program was developed for Field Technicians, Integrity Engineers, Corrosion Engineers and those in general engineering roles.

WHAT WILL I LEARN?

- » Safe procedures for installation and testing
- » Why an isolating gasket is different than a traditional gasket
- » Correct tools used to test electrical isolation
- » The correct process for installation of an isolation kit
- » How to inspect the flange and kit
- » Typical modes of failure of a kit and how to avoid

GFIT 4 HOUR CLASS \$1,000.00
per class (any size up to 30)

INTRODUCTION TO FLANGE INSTALLATION PRACTICES.

- » Safety
- » Tool Selection
- » Isolation Component Identification
- » Alignment of Flanges
- » Gasket Load
- » PCC-1 Techniques
- » Star Pattern Installation Procedure
- » Effects of Incorrect Loading
- » Lubricated vs Non-Lubricated Studs
- » Coated vs Non-Coated Studs
- » Hardened Washers vs Fiber Washers
- » Identify Equipment for Proper Flange Isolation
- » Hands on Installation Training
- » Can be Integrated into Customer's Safety and Installation Programs

Customization available on request

More information on the GFIT training program can be found at www.gptindustries.com

WE KNOW WHAT WE ARE TALKING ABOUT.

Garlock Pipeline Technologies (GPT) has over 40 years of experience of critical service flange systems, electrical flange isolation kits (cathodic protection and galvanic corrosion prevention) and isolation joints for the oil and gas production, processing, gas transmission, pipeline, power generation and utility industries. Over these years, we've learned a few things. The GFIT program is the accumulation of all we have learned and experienced over these 40 years.

ACTUAL SURVEY RESPONSES, MAY 2019.

...*"Excellent! Loved the hands on portion"...*

-Contractor Alaska

...*"This program is excellent and better than training I have had in the past!"*

-Engineer Alaska



This qualification does not make any determination of an individual's capabilities in applying this general knowledge within a specific work environment or under actual working conditions. It remains the sole responsibility of the employer of the individual to determine competency for assigned tasks and work. It is not a certification.

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