



The TDW LineMaster™ Operator Training Program represents our ongoing commitment to the industry – and to you. As the company you've trusted to exceed your piping maintenance needs for nearly a century, TDW has the credentials and experience to provide your technicians and operators with the most effective, efficient training possible.

Designed to fulfill DOT Pipeline Safety Operator Qualification standards and requirements, the TDW LineMaster™ training program includes an in-depth series of classes conducted in our state-of-the-art training facilities with a pressurized simulated pipeline. All TDW LineMaster™ training classes include classroom time, written exams and hands-on operation of equipment. LineMaster™ courses ensure that your technicians are trained at the highest level attainable.

What makes TDW LineMaster™ training the best in the business? Quite simply, the LineMaster™ program provides the most comprehensive hot tapping, plugging, pigging and composite wrap installation instruction available in the industry today.

# LineMaster™

## The Standard For Operator Training

### TECHNICIAN CLASSES

**Hot Tapping**

**Plugging**

**Pigging**

**Composite Wraps**



TDW LineMaster™ training is an API Data Provider and Approved Contractor. LineMaster™ trainers are also Veriforce authorized evaluators.

## Comprehensive Operator Qualification Training at its Best

USA Toll Free: 888.839.6766

Ph: 918.447.5377

[www.tdwinlinemaster.com](http://www.tdwinlinemaster.com)

E-mail: [linemaster@tdwilliamson.com](mailto:linemaster@tdwilliamson.com)

## Pigging Technology

### Pipeline Pigging Concepts and Applications

This two-day class covers the purpose of pigging and types of pigs used in various pigging procedures, as well as the fundamentals of pipeline design for pigging, including launcher and receiver design. Participants will learn about launching, receiving, pipeline cleaning, tracking and locating pigs, in addition to the process of internal pipeline inspection using smart pigs. Pigging methods will be observed at the TDW test pipeline. Class begins each day at 8 a.m. Operator Qualification testing and observations are available for an additional fee.

## Transmission Equipment

### Hot Tapping & Plugging for High Pressure Transmission Pipelines

This 3-1/2 day class will cover operating instructions, applications and machine maintenance. Equipment training for T-101 Drilling Machines, 660 Tapping Machines and STOPPLE® Plugging Machines is included. Class begins each day at 8 a.m. An operator qualification test and an observation checklist are used for OQ requirements and are available for an additional fee. Students wanting OQ evaluations are required to stay an additional day. NOTE: *Inexperienced students cannot be expected to pass an Operator Qualification Evaluation following this class.*

## Distribution Equipment

### Hot Tapping & Plugging for Low Pressure Distribution Pipelines

This is a 3-1/2 day class will cover operating instructions, applications and maintenance are covered. Training is conducted on the T-101 Drilling Machine, T-203 Tapping Machine or 660 Tapping Machine, as well as SHORTSTOPP® II and SHORTSTOPP® 500 Plugging Machines. Class begins each day at 8 a.m. An operator qualification test and an observation checklist are used for OQ requirements and are available for an additional fee. Students wanting OQ evaluations are required to stay an additional day. NOTE: *Inexperienced students cannot be expected to pass an Operator Qualification Evaluation following this class.*

## T-101 Equipment

### T-101 Pipeline Drilling Machine

This two-day class is devoted to the popular T-101 Drilling Machine. Participants will receive in-depth training on the use and maintenance of this equipment. Class begins each day at 8 a.m. Operator Qualification testing and observations are available for an additional fee. Students wanting OQ evaluations are required to stay an additional day. NOTE: *Inexperienced students cannot be expected to pass an Operator Qualification Evaluation following this class.*

## Composite Wrap

### RES-Q® Composite Wrap for Pipelines and Process Piping

This one-day class includes both classroom instruction and hands-on composite and epoxy application training. Students will learn the methodology for applying composite materials to damaged pipes in various geometry configurations including straight pipe, elbows, tees, reducers and more. In addition, regulatory codes in relation to composite sleeves will be discussed. At the end of the course, students will be able to run RES-Q ProCalc® software, select the composite material for a specific pipeline defect and identify the time required to install the composite sleeve. Operator Qualification testing and observations are available for an additional fee.

## Introduction Classes

### Introduction to Hot Tapping

This 4-1/2 day class covers operating instructions, applications and machine maintenance. This course is designed for individuals new to hot tapping and will cover the proper use of the T-101 Drilling Machine, T-203 Tapping Machine, 360 Tapping Machine and/or 660 Tapping Machine, providing students with the opportunity for hands-on operation. Repetition allows participants to hone their skills, knowledge and understanding of hot tapping principles. Class begins each day at 8 a.m. No Operator Qualification available for this class.

### Introduction to Plugging

This 4-1/2 day class covers operating instructions, applications and machine maintenance. It is designed for individuals new to pipeline plugging and will cover the proper use of SHORTSTOPP® II, SHORTSTOPP 275/500 and/or STOPPLE® plugging equipment. The course will also include setting SHORTPLUG™ Completion Plugs and LOCK-O-RING® Plugs, providing students with the opportunity for repetitive hands-on operation. Repetition allows participants to hone their skills, knowledge and understanding of pipeline plugging and completion plug principles. Class begins each day at 8 a.m. No Operator Qualification available for this class.

## Who Should Attend?

## Where Do I Go?

TDW recommends that engineers, operators, foremen, trainers and hands-on personnel participate in these classes.

LineMaster™ Training is held in TDW's state-of-the-art Technology Center in Tulsa, OK. A large classroom, hands-on training area and high-quality audiovisual equipment allow the latest training techniques to be taught easily and efficiently. NOTE: Classes may be conducted at the customer's site. A suitable training facility and training fixtures are required.

## Class Schedules and Pricing:

For class schedules and pricing information, visit [www.tdwLineMaster/training](http://www.tdwLineMaster/training). Prices are subject to change without notice.

## Health and Safety:

Please wear casual clothes and steel-toed shoes. Hard hats, eye protection and ear protection will be provided.

## Useful Facts:

Each participant must cover any other expenses, such as hotel, meals, transportation to and from Tulsa.

## Registrations:

On-site trainers available on request. Tulsa training center classes available April through December.

For more information, call 918-447-5377.