



Factory Training Schedule 2023

Measurement & Production Solutions



> Welcome

The need for training has never been so important. The energy industry has seen many changes in the last three years. It has seen personnel changes due to a pandemic induced downturn and an aged workforce. This forced many field technicians and operators to change career paths and job roles, which left those who remained to assume unfamiliar duties and responsibilities. At TechnipFMC, we believe in supporting our clients and ensuring their ongoing business success. Our training schools reflect the experience and knowledge gained working nearly 100 years in the oil and gas industry.

Our policy of practical training is an excellent learning opportunity. Our Aftermarket Group has found that Best Measurement Practices builds a solid working knowledge of measurement systems and products for the client, producing on-site personnel who are knowledgeable and comfortable with the operation and maintenance. The classes detailed here can also be customized to meet a client's particular need by combining classes and focusing on their installed equipment.

These courses are taught by the same measurement specialists that design, engineer, and service our equipment. We offer you and your employees a superior training environment that will assist you with safe, reliable, and efficient system operation. The training workshops use our demonstration equipment and simulators to provide an in-depth, hands-on experience. Our training courses offer students valuable knowledge and practical expertise that allow students to autonomously install, parameterize, maintain, and repair your system.

TechnipFMC Training Department

MPStraining@technipfmc.com

Tel: +1 844 798 3819

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AccuLoad IV October 24-26 Erie, Pennsylvania, USA

To register for any of the above classes, please email us at MPStraining@technipFMC.com
or give us a call at +1 844 798 3819

> LACT Units

Dates and locations

February 14 -17 Odessa, Texas, USA(\$1650/person)

October 10 - 13 Williston, North Dakota, USA (\$1650/person)

Overview

This course covers the design, operation and standards governing Lease Automated Custody Transfer (LACT) metering units.

Topics covered include

- ▶ LACT vs tank gauging
- ▶ LACT unit design
- ▶ Meter technologies
- ▶ Smith Meter 210 digital control valves
- ▶ API standards
- ▶ Proving
- ▶ Control and data logging
- ▶ Invalco 7300 water cut monitor

Training Schedule

Tuesday	0830 - 1600
Wednesday	0830 - 1600
Thursday	0830 - 1600
Friday	0830 - 1100

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> Smith Meter® AccuLoad IV® Load Rack

Dates and locations

March 14 -17 Erie, Pennsylvania, USA (\$1650/person)

August 8 -11 Erie, Pennsylvania, USA (\$1650/person)

Overview

These courses combine theory, hands-on training and live demonstrations which will provide an understanding of how AccuLoad electronic load controllers interface into the load rack metering system.

Topics covered include

- ▶ General operation
- ▶ Programming function
- ▶ Installation guidelines
- ▶ Smith Meter PD and Prime4 meters
- ▶ Meter service
- ▶ Pulse transmitters
- ▶ Load rack accessories
- ▶ Smith Meter 210 digital control valves
- ▶ Turbine meters for load rack service

Training Schedule

Tuesday	0830 - 1600
Wednesday	0830 - 1600
Thursday	0830 - 1600
Friday	0830 - 1100

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> Smith Meter® AccuLoad IV®

Dates and locations

June 6 - 9 Houston, Texas, USA (\$1650/person)

July 18 - 21 Erie, Pennsylvania, USA (\$1650/person)

November 7 - 9 Panama City, Panama, CA (\$1650/person)

Overview

Basic metering knowledge and familiarity with load rack/batching operations.

Topics covered include

- ▶ General operation
- ▶ Programming function
- ▶ Installation guidelines
- ▶ Service and diagnostics
- ▶ Communication functions
- ▶ Additive injector interface
- ▶ Auto proving for provers
- ▶ Blending methods and programming (SEQ, ration and hybrid)
- ▶ Pulse transmitter
- ▶ AccuMate software application

Training Schedule

Tuesday	0830 - 1600
Wednesday	0830 - 1600
Thursday	0830 - 1600
Friday	0830 - 1100

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> Advanced Smith Meter[®] AccuLoad IV[®]

Dates and locations

October 24 - 26 Erie, Pennsylvania, USA (\$1400/person includes free simulation)

Overview

This course covers advanced configuration settings, operation and troubleshooting of the ALIV.

Topics covered include

- ▶ Process variable requirements
- ▶ Build a configuration
- ▶ Implementing Boolean statements
- ▶ Selecting the proper measurement tables
- ▶ Updating SoM Board
- ▶ Advanced troubleshooting

Training Schedule

Tuesday	0830 - 1600
Wednesday	0830 - 1600
Thursday	0830 - 1200

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> Is the knowledge of your workforce where you need it?

Whether your employees are industry veterans or new to the field, we believe in supporting our clients and ensuring their ongoing business success. TechnipFMC courses reflect the experience and knowledge gained working nearly 100 years in the oil and gas industry.

We offer **Factory Training** at TechnipFMC's global facilities where experienced measurement specialists perform theory and hands-on training. These courses offer students valuable knowledge and practical expertise, utilizing field equipment and simulators, by experienced professionals.

If you prefer to have an **In-Person On Site Training** at your facility, our trainers / technicians can come to you.

Choosing an onsite training can reduce travel costs and still obtain the same high-level expert training for your personnel. Trainings can be standard or unique to your needs.

New to the TechnipFMC training options, we offer **Virtual Training** that enables on-line participants to learn via presentations, live-stream demonstrations, and real-time Q&A. This unique style program provides the same knowledge and expertise while allowing interaction offered in other TechnipFMC programs. This type of training can save on travel cost and can be arranged around busy schedules

We look forward to sharing our knowledge and experience with you at any of our training venues. If you require other training services, please do not hesitate to contact us.

To register for any of our classes, please email us at MPSTraining@technipFMC.com or give us a call at +1 844 798 3819

USA

1602 Wagner Avenue
Erie, Pennsylvania USA 16510
T +1 814 898 5000

Germany

Regentstrasse 1
25474 Ellerbek, Germany
P.O. Box 1164,
25470 Ellerbek, Germany
T +49 4101 3040

Norway

Kirkegardsveien 45
Box 1012
3601 Kongsberg, Norway