



Fluid Meter School Agenda

October 23-24, 2024

Instructors

COMPANY	INSTRUCTOR
SCS Technologies	Bob Petty Justin Petty Anthony Gilliland Chris Carville Curtis Ware
Flow Management Devices (FMD)/IDEX	Seth Bowman
FMC/Technip	Todd Cousins
Viking Pump/IDEX	Ben Leonard
Emerson Flow Support	Dean Minehart
Emerson Oil & Gas Measurement Solutions	Shahul Hameed
Warren Valve	Will Hood
Retired (Flint Hills/Koch)	Tommy Watson
Vinson Process Controls	Corey Jennings

First Day Session

TIME	TOPIC	INSTRUCTOR
8:15 AM	Introduction	Bob Petty
8:30 AM	Definition of Measurement Terms	Curtis Ware
9:00 AM	Various Types of Meters Encountered in Petroleum Industry	Curtis Ware
9:15 AM	Coriolis Meters	Dean Minehart
10:00 AM	Break Factory Representatives and SCS Technologies employees will be available during breaks to answer questions and assist with literature requirements.	
10:20 AM	LACT Unit Design and Operation	Bob Petty
11:30 AM	Lunch	
12:45 PM	Proving Devices Used To Determine Meter Accuracy	Seth Bowman
2:00 PM	Concerns For The Meter Proving Witness and Proving Reports	Tommy Watson
3:00 PM	Break	
3:20 PM	Hands On Training The entire class will break up into groups to: <ol style="list-style-type: none"> 1. Witness the calibration of a FMC BS&W monitor 2. Walk through a complete demo Lact unit 3. Disassemble Viking pipeline injection pump 	<ol style="list-style-type: none"> 1. Todd Cousins 2. Justin Petty & Anthony Gilliland 3. Ben Leonard Viking Pump/IDEX
4:45 PM	Class Dismissed	

Second Day Session

TIME	TOPIC	INSTRUCTOR
8:00 AM	LACT Controls and Automation	Corey Jennings
8:45 AM	BS&W Measurement	Todd Cousins
9:15 AM	NGL and CO2 Measurement	Chris Carville
9:45 AM	Break	
10:00 AM	Sizing and Proper Operation of Pipeline Injection Pumps	Ben Leonard
10:45 AM	Allocation Measurement	Shahul Hameed
11:45 AM	Lunch	
12:45 PM	Valve Maintenance and Repair	Will Hood
1:15 PM	Troubleshooting Measurement Problems	Tommy Watson
2:00 PM	Panel Discussion of Measurement Problems continued	Dean Minehart Bob Petty Chris Carville Tommy Watson Seth Bowman
2:30 PM	Plant Tour	
4:30 PM	Class Dismissed	