

Hands-on Workshop

Motor & Drive Measurements

376FC

The Fluke 376FC Clamp Meter with iFlex™

Who Should Attend?

Technicians and engineers making measurements on industrial-electronic circuits such as Variable Frequency Drives (VFD).

What You Will Learn

- Why traditional test tools do not work on some sections of VFD systems.
- How non-linear loads and harmonics effect measurements in electrical power systems.
- Understand a range of measurements and tools used to isolate possible causes of failure in motor drive systems.



Class Outline

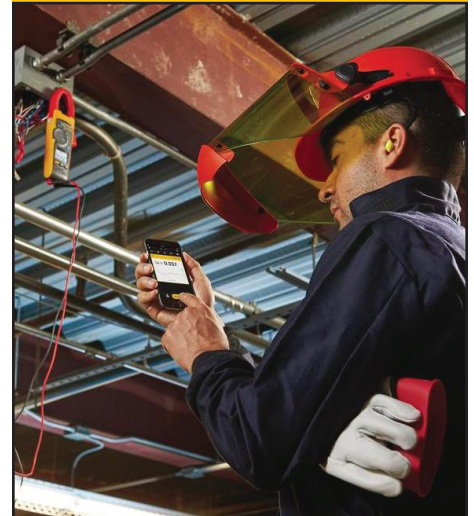
- I. Introduction
 - a. Measurement Safety Standards
 - b. Review PWM Inverter and Basic Waveforms
- II. Input Measurements (Line Side of VFD)
 - a. Measurement Tools
 - b. Unbalance, Harmonics, Power Factor
- III. Drive Output Measurements
 - a. Measurement Tools
 - b. Pulse-Width Modulation (PWM), dV/dt, Reflections and Shaft Voltage
- IV. Predictive Maintenance Tools for drive train analysis (mechanical and thermal)

Price Includes

Fluke 376FC AC/DC Clamp Meter with iFlex™ Probe



FLUKE®



The new Fluke 370 FC Series offers advanced troubleshooting performance. The iFlex® flexible current probe allows easy connections to wires in tight spaces. In addition, all three clamps are now part of the Fluke Connect® family of wireless test tools.

Schedule & Registration

Time: 8:30 AM – 12:30 PM

Dates & Locations:

Rocky Mount.....4/24
147 Red Iron Road
Rocky Mount, NC 27804

Greensboro.....4/25
1812 E. Wendover Ave
Greensboro, NC 27405

Country Inn & Suites.....4/26
3211 Wilson Dr
Burlington, NC 27215

Cost: \$449.00
Lunch Included

To Register Contact:

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