ABB Multiwave Photometer Training Synopsis

Multiwave Photometer PUV 3402, PIR 3502, PFO 3372
Training Course
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Course type and Goal

This is an instructor led course with interactive class room discussions, presentations, and practical exercises.

This course will cover theory and operation of Multi wave photometers MW 3402, MW 3502, PFO 3372.

This course provides knowledge about the operation and maintenance of Multiwave analyzers.

Learning Objective

Upon completion of this course the participants will be able to,

- Understand theory of IR & UV photometers
- Operate MW 3402, MW 3502 & PFO 3372 analyzers
- Understand Status & error messages
- Identify analyzer hardware components
- Install/remove hardware components
- Understand test data sheets
- Perform calibration / bench mark
- Perform regular maintenance & trouble shooting activities

Prerequisite

Students attending this course should have basic knowledge of gas analysis and IR/UV photometers

Course Duration

The duration is 2 days
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Day 1

- Introduction to Multiwave photometers and different models
- Explain concepts of IR/UV analyzers
- UV/IR Theory of operation
- Analyzer menu and operation
- Explain function of the switches and visual indicators
- Analyzer Configuration
- Alarms/warnings and system monitors
- Display Interpretation of alarms and warnings
- Study of Component Tables, Analyzer tables, Factory Tables
- Review Complete Data Sheets Package
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Day 2

- Sample Cell overhauling and cleaning.
- Different parts of sample cell and spare parts details.
- Sample Conditioning system

**Figure 3. Removing the Cell**

- Analyzer Calibration/Bench mark
- Discuss communication with DCS and Vista Net
- Offline- Digital & Analog test
- Regular maintenance and trouble shooting
- Discussion on LED upgrade
Training Fees / Terms & Conditions

Course Fee : 

Course Duration :

Training Location :
- Tuition accommodates minimum 6 to maximum 10 students per class
- Comprehensive colored printed Training Manuals are included at no extra charge

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