



Three Rivers Manufacturers' Association
A PROGRAM OF THE THREE RIVERS MANUFACTURERS' ASSOCIATION

Process Analyzer System Training

Date: Wednesday, February 20, 2019

Place: Three Rivers Safety Center
1615 W. Jefferson Street, Joliet
(1 block east of Larkin on Jefferson Street)

Time: 7:15 a.m. to 7:30 a.m. Registration
7:30 a.m. to 4:00 p.m. Program

Cost: \$ 285 for TRMA members
\$ 335 non-members
(Includes breakfast, lunch and materials)

Who Should Attend? Any supervisor and analyzer employee or contractor who will be assigned to installing or maintaining process analyzers or sample conditioning systems.

Class Size: The maximum class size is 30

Instructor: Robert E. Sherman, 45+ years of active involvement in Process Analyzers for Oil Refining / Chemicals / Utilities/ Laboratories / Fueling Stations (Gases and Liquids) / CEMS / Emergency Alarm Systems. Author of "Process Analyzer Sample-Conditioning System Technology" (Wiley Interscience-2002).

Process Analyzer Sample-Conditioning System Technology

Course Description:

- Introduction
- Pre-instructional Knowledge Survey
- Sample Extraction Probes
- Sample Transfer Lines
- Particulate Sample Filters
- Sample Coolers
- Sample Pumps
- Gas – Liquid and Sample Separation Devices
- Sample Flow Rate Measurement and Control
- Sample Pressure Measurement and Control
- Material (Metals and Elastomers) Compatibility Considerations
- Enclosures and their Electrical-Hazard Rating
- Enclosures and their Climate Control
- Question Period
- Post-Instructional Achievement Survey

REGISTRATION

Tuition: **\$285 Per Person (TRMA Member)** **\$335 Per Person (Non-member)**
[Click to confirm TRMA membership](#)



For additional information, contact [Kathleen Ament](#) at (815) 774-6071.
Substitutions are welcomed and encouraged.