



This free three-day workshop provides classroom training and hands-on interaction for the full line of Metal Samples corrosion monitoring products. During this workshop you will learn about the different corrosion monitoring equipment offered by Metal Samples including the principles of operation, setup and use, data interpretation, and equipment maintenance. You will also learn general ordering information to help you design and purchase corrosion monitoring systems that are specific to your needs.

Contact your Metal Samples sales representative to register. 256-358-4202 | msc@alspi.com

Course Overview

Day 1 - Discussion

Introduction and Safety Review

Why Monitor Corrosion?

Corrosion Monitoring Techniques

Weight Loss Technique (Coupons)

- Operating Principle
- Calculating Results
- Coupon Types
- Materials
- Applications
- Handling and Installation (Overview)
- Ordering Information

Electrical Resistance (ER) Technique

- Operating Principle
- Applications
- Data interpretation
- Element Types
- Receiving and Storage
- Handling and Installation (Overview)
- Ordering Information

Linear Polarization Resistance (LPR) Technique

- Operating Principle
- Applications
- Probe Types/Measurements
- Receiving and Storage
- Handling and Installation (Overview)
- Ordering Information

Special Monitoring

- BioFilm Monitoring
- Hydrogen Permeation
- Corrosion Under Insulation (CUI)

Device Mounting Options

Day 2 – Discussion and Hands-On

Retractable Systems

- General Safety
- Primary Components
- Tools
- Packing Gland Adjustment
- Mounting Considerations
- Hand Insertion
- Insertion Using Easy Tool

Retrievable Systems

- General Safety
- Components
- Tools
- Service Valve
- Hot Tap
- Retriever
- Procedure
- Other Considerations

Day 3 – Discussion and Hands-On

Injection & Sampling

- Types of injectors
- Customer Connections
- Process Mounts
- Other Hardware

Instrumentation

- Types
 - Handheld/Portable
 - Data Loggers
 - Transmitters (Wired and Wireless)
 - Remote / Telemetry
- Basic Setup and Operation
- Hazardous Location Considerations
- Troubleshooting

Additional Information

- Lunch will be provided each day.
- Any required PPE will be provided.
- A course workbook will be provided.
- Attendees will receive a certificate of completion.

Travel to Metal Samples / Alabama Specialty Products, Inc.

- **From Birmingham, AL** take I-20 East towards Anniston/Oxford. Travel approximately 55 miles (88 km.)
- **From Atlanta, GA** take I-285 North to I-20 West, then take I-20 West towards Anniston/Oxford. Travel approximately 93 miles (150 km.) NOTE: Time zone change.
- Take Exit 185 (the Anniston/Oxford exit.)
- Follow Highway 21 south and travel approximately 9 miles.
- Turn left at the traffic light onto County Road 107 (Cedars Road). You will see the Munford Post Office on the left.
- Follow County Road 107 approximately 2 miles.
- Alabama Specialty Products will be on your left.
- Take the second entrance, marked by the Alabama Specialty Products sign.
- *Visitors must register at the front office each day.*

Hotels and dining

Many hotels, restaurants, and shops can be found at Exit 188 off of I-20. A partial list of hotels is provided here:

Fairfield Inn & Suites by Marriott

143 Colonial Dr, Oxford, AL 36203
marriott.com
Phone: (256) 831-1921

Courtyard by Marriott

289 Colonial Dr, Oxford, AL 36203
marriott.com
Phone: (256) 831-7995

La Quinta Inn & Suites

100 Colonial Dr, Oxford, AL 36203
laquintaoxfordanniston.com
Phone: (256) 241-0950

Hilton Garden Inn

280 Colonial Dr, Oxford, AL 36203
hiltongardeninn3.hilton.com
Phone: (256) 831-0083

Holiday Inn Express & Suites

160 Colonial Dr, Oxford, AL 36203
ihg.com
Phone: (256) 835-8768

Comfort Suites

125 Davis Loop, Oxford, AL 36203
choicehotels.com
Phone: (256) 835-8873

Home2 Suites by Hilton

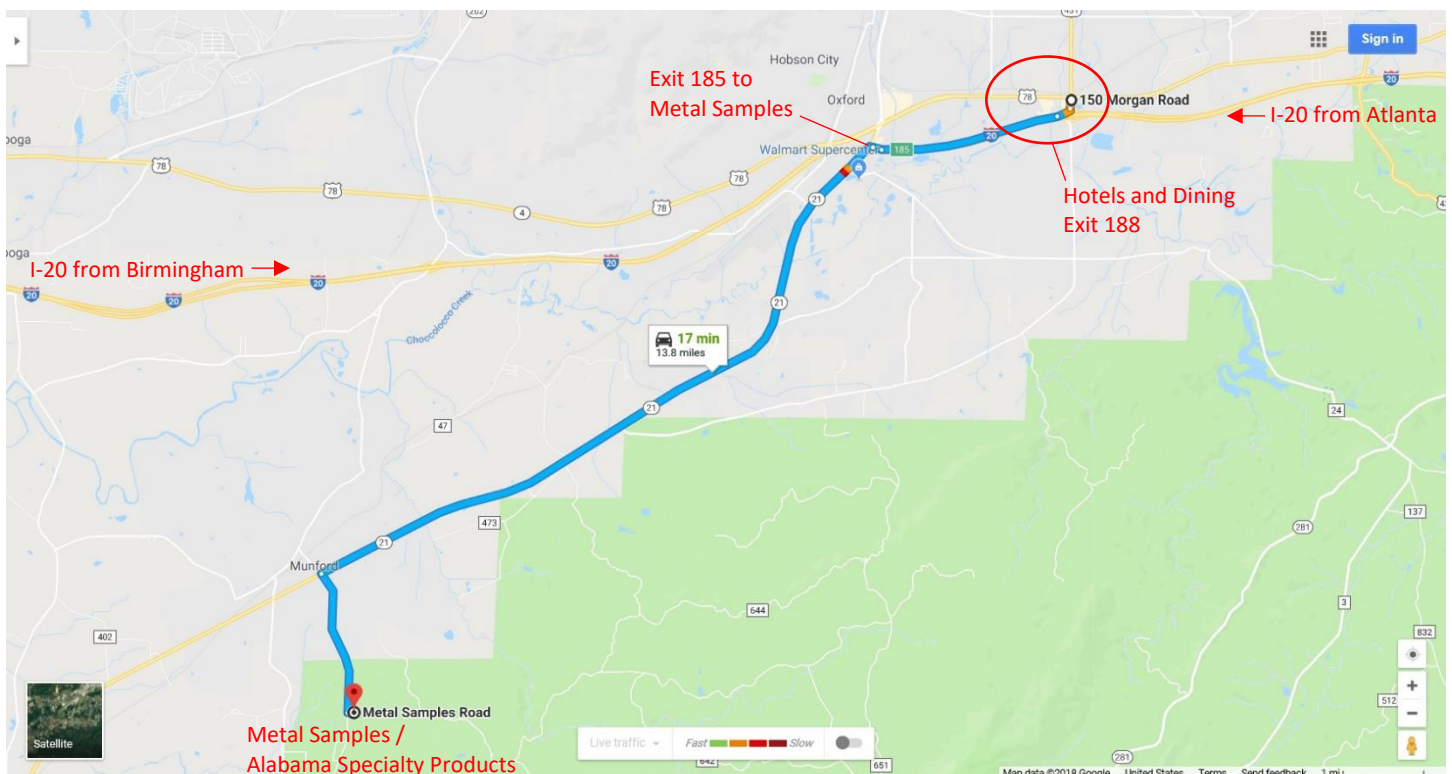
300 Colonial Dr, Oxford, AL 36203
home2suites3.hilton.com
Phone: (256) 831-7008

Hampton Inn & Suites

210 Colonial Dr, Oxford, AL 36203
hamptoninn3.hilton.com
Phone: (256) 831-8958

Sleep Inn

88 Colonial Dr, Oxford, AL 36203
choicehotels.com
(520) 257-3129



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