# 35th Annual **Corrosion Control Seminar**

## February 28, 2023

**Basic Cathodic Protection Rectifier Training Techniques for Field Applied Pipeline** Coatings

## March 1 & 2, 2023 **TRACKI**

**Basic Cathodic Protection Instruction & Testing** 

#### TRACK II

**Technical Sessions** 



## **Basic Cathodic Protection Rectifier Training**

## Tuesday, February 28, 2023

Midwest Utility & Pipeline Training Center (MUPTC)

(Located southwest of the Barton campus by the Cougar baseball field)

Instructor: Seth Meaders, J. A. Electronics

8:00 am - 8:30 am REGISTRATION MUPTC

8:30 am - 11:30 am **MORNING SESSION** 

• Rectifiers and their Applications

Basic Rectifier Theory

• Installation and Routine Maintenance

11:30 am - 1:00 pm **LUNCH** MUPTC

1:00 pm - 4:00 pm AFTERNOON SESSION

Troubleshooting Standard Units

Hands-On Troubleshooting Standard Units

• General Discussion and Review Q&A Session

STUDENTS ARE ENCOURAGED TO BRING AND USE THEIR OWN MULTIMETERS FOR THE HANDS-ON TROUBLESHOOTING PORTION OF THE TRAINING!

\$99 - Basic Cathodic Protection Rectifier Session Only See pages 5 & 6 for registration information.

## Techniques for Field Applied Coatings Training

### **Tuesday, February 28, 2023**

Case-New Holland Training Facility, T-186 and Workforce Training and Economic Development Foyer Barton Community College - Great Bend Campus Instructor: Various Coatings Distributors

8:00 am - 8:30 am **REGISTRATION**Workforce Training and Economic

8:30 am - 11:30 am **MORNING SESSION**Development Foyer

Types of Coatings

Correct Selection and Uses

Techniques of Application

11:30 am - 1:00 pm LUNCH Student Union

1:00 pm - 4:00 pm AFTERNOON SESSION

Hands-On Participant Applications

Coatings Discussions

#### STUDENTS ARE ENCOURAGED TO DRESS ACCORDINGLY FOR THE HANDS-ON PARTICIPATION!!

\$99 - Types & Application Techniques of Field Applied Pipeline Coatings Session Only See pages 5 & 6 for registration information.

## TRACK I

## **Basic Cathodic Protection Instruction & Testing**

## WEDNESDAY, MARCH 1, 2023

Fine Arts Seminar Room, F-30

(Seating is limited to the first 50 participants.)

7:30 am - 8:10 am	<b>REGISTRATION</b> - Workforce Training and Economic Development Foyer
8:10 am - 8:25 am	WELCOME - Case-New Holland Training Facility, T-186
8:25 am - 8:40 am	ADJOURN to Fine Arts Building, F-30
8:40 am - 10:15 am	CORROSION IN ACTION - THE VIDEO
	Dale Hayes - Hayse Management
10:15 am - 10:45 am	BREAK/EXHIBITOR TIME - Case-New Holland Training Facility, T-186
10:45 am - 11:45 am	FUNDAMENTALS OF CATHODIC PROTECTION
	John Gormley - Northern Natural Gas Co.
11:45 am - 1:00 pm	LUNCH - EXHIBITOR AREA - Case-New Holland Training Facility, T-186
1:00 pm - 2:15 pm	IR DROP and CATHODIC PROTECTION CRITERIA
	John Gormley - Northern Natural Gas Co.
2:15 pm - 2:45 pm	BREAK/EXHIBITOR TIME - Case-New Holland Training Facility, T-186
2:45 pm - 4:00 pm	LINE LOCATOR THEORY & PRINCIPLES
	Jeff Trowbridge - Subsurface Solutions

## Exhibitor Sponsored BBQ & Social

Catered by Smokin Co. BBQ 6:00 pm - 9:00 pm Best Western Angus Inn Courtyard 2920 10th Street, Great Bend

## THURSDAY, MARCH 2, 2023

Midwest Utility & Pipeline Training Center (MUPTC)
(Bring your own vehicle - building is located by Cougar Fields)

8:30 am - 11:45 am	CATHODIC PROTECTION INSTRUMENTS & OPERATING DEMOS
	Panel of Field Instructors
11:45 am - 1:00 pm	LUNCH - EXHIBITOR AREA - Case-New Holland Training Facility, T-186
1:00 pm - 4:30 pm	HANDS-ON INSTRUMENT TESTING & WRITTEN CP EXAM
	TRACK I CERTIFICATE DISTRIBUTION (END OF TRACK I)

Students and Instructors

# TRACK II <u>Technical</u> Sessions - Topics of Interest

## WEDNESDAY, MARCH 1, 2023

Science & Math Building, S-118

7:30 am - 8:10 am	<b>REGISTRATION</b> - Workforce Training and Economic Development Foyer				
8:10 am - 8:25 am	<b>WELCOME</b> - Case-New Holland Training Facility, T-186				
8:25 am - 8:30 am	ADJOURN to Science & Math Building Lecture Hall, S-118				
8:30 am - 9:15 am	CP TROUBLESHOOTING - WHAT TO DO WITH "LOW" POTENTIALS				
	Jordan Groody - Bass Engineering				
9:15 am - 10:00 am	NDE TO ILI COMMUNICATIONS				
	Tim Kurowski - Lake Superior Consulting				
10:00 am - 10:30 am	BREAK/EXHIBITOR TIME - Case-New Holland Training Facility, T-186				
10:30 am - 11:15 am	STORAGE FIELD INTERNAL CORROSION CONCERNS				
	Tom Pickthall/Kasey Phelps - EnhanceCo.				
11:15 am - 12:00 pm	COOPERATIVE STEPS TO HELP GET VALID CP SURVEY RESULTS				
	Cal Chapman - Chapman Engineering				
12:00 pm - 1:15 pm	TUNCH EVILIDITOD ADEA CASENEVALIOLIAND TRAINING FACILITY T 100				
12.00 pm - 1.15 pm	<b>LUNCH -</b> EXHIBITOR AREA - CASE-NEW HOLLAND TRAINING FACILITY, T-186				
1:15 pm - 2:00 pm	AC MITIGATION BASICS - A DIY APPROACH FOR SMALL OPERATORS				
	AC MITIGATION BASICS - A DIY APPROACH FOR SMALL OPERATORS				
1:15 pm - 2:00 pm	AC MITIGATION BASICS - A DIY APPROACH FOR SMALL OPERATORS  Jordan Groody - Bass Engineering				
1:15 pm - 2:00 pm	AC MITIGATION BASICS - A DIY APPROACH FOR SMALL OPERATORS  Jordan Groody - Bass Engineering  AC MITIGATION MODELING				
1:15 pm - 2:00 pm 2:00 pm - 2:45 pm	AC MITIGATION BASICS - A DIY APPROACH FOR SMALL OPERATORS  Jordan Groody - Bass Engineering  AC MITIGATION MODELING  Steven Wenzell - Lake Superior Consulting				

## Exhibitor Sponsored BBQ & Social

Catered by Smokin Co. BBQ 6:00 pm - 9:00 pm Best Western Angus Inn Courtyard 2920 10th Street, Great Bend

Visit our website at corrosion.bartonccc.edu.

# TRACK II Technical Sessions - Topics of Interest

### THURSDAY, MARCH 2, 2023

Science & Math Building, S-118

8:30 am - 9:15 am	INTERNAL CORROSION MONITORING EQUIPMENT: WHAT TO USE AND
	WHERE? - Tom Pickthall/Kasey Phelps - EnhanceCo
9:15 am - 10:00 am	AC MITIGATION METHODS
	Cal Chapman - Chapman Engineering
10:00 am - 10:30 am	BREAK/EXHIBITOR TIME - Case-New Holland Training Facility, T-186
10:30 am - 11:15 am	GET NOTICED - SEVEN (SORT OF CORROSION RELATED) THINGS YOU CAN DO TO IMPROVE YOURSELF AS A TECHNICIAN AND POSITION YOURSELF FOR A LEADERSHIP ROLE - Jordan Groody - Bass Engineering
11:15 am - 12:00 pm	BUILD A BETTER CP ANODE BED
	Josh Johnston - Matcor
12:00 pm - 1:15 pm	LUNCH - EXHIBITOR AREA - CASE-NEW HOLLAND TRAINING FACILITY, T-186
1:15 pm - 2:00 pm	CASE STUDY: AC INTERFERENCE FAILURE AND REMEDIAL ACTION
	Bryan Louque - Audobon
2:00 pm - 2:30 pm	BREAK/EXHIBITOR TIME - Case-New Holland Training Facility, T-186
2:30 pm - 3:15 pm	REMOTE MONITORING OF LEAK DETECTION SENSORS
	Jamey Hilleary - Elecsys Corp.
3:15 pm - 3:30 pm	CERTIFICATE DISTRIBUTION - Hallway of Science & Math Building

## **General Information**

**DATES:** Tuesday, February 28 - Basic Cathodic Protection Rectifier Training

Tuesday, February 28 - Techniques of Field Applied Coatings

Wednesday/Thursday, March 1 & 2 - Track I - Basic Cathodic Protection Instruction & Testing

Wednesday/Thursday, March 1 & 2- Track II - Technical Sessions - Topics of Interest

**LOCATION:** Barton Community College Campus & Midwest Utility & Pipeline Training Center

245 NE 30 RD, Great Bend, Kansas

**FEES:** \$99 Basic Cathodic Protection Rectifier or Types of Application Techniques of Field

Applied Pipeline Coatings Sessions Only

**\$199** Track | or ||

**\$298** Basic Cathodic Protection Rectifier Session or Techniques of Field Applied Coatings

Session and Track I or II

PRE-REGISTRATION DEADLINE: TUESDAY, FEBRUARY 14, 2023!

Take advantage of quick check-in the day of the seminar by following one of the easy ways to register and complete with payment.

## **Quick & Easy ONLINE Registration**

is available at corrosion.bartonccc.edu.

## **Other Registration Options:**



#### W BY MAIL

Complete the registration form located in this brochure and mail with your check, credit card information, purchase order or billing authorization form to the address listed below.



**FAX** us your registration to (620) 792-3056.





#### STOP BY

You may bring your registration form to the Workforce Training & Economic Development Office in the Technical Building, T-198 on the Barton County Campus, Monday-Friday, 7:30 am - 4:30 pm

#### Pre-registration is recommended! Deadline is February 14, 2023!

MAIL TO: Janna Knebel, Barton Community College, Workforce Training & Economic Development, 245 NE 30 RD, Great Bend, KS 67530

## **PAYMENT OPTIONS**

#### CASH, CHECK, OR MONEY ORDER

Make checks payable to: Barton Community College

Pre-payment is recommended!

#### THIRD PARTY BILLING

If your employer will be paying your fees, Barton will send an invoice for payment!

Pre-payment is recommended.

#### **OUESTIONS OR MORE INFORMATION**

Call (620)792-9255 or (866) 813-2462 Monday-Friday, 7:30 a.m. - 4:30 p.m.

For persons with hearing or speech impairments, please use the Kansas Relay Service at 1(800) 766-3777 or dial 711.

#### ALL COURSE SCHEDULES AND REGISTRATION FEES ARE SUBJECT TO CHANGE.

#### **CANCELLATIONS/REFUNDS**

- •A full refund will be made if Workforce Training & Economic Development exercises its right to cancel a course or if the enrollment limit is met at the time your registration is received.
- •A full refund will be made if your cancellation is received 48 hours (weekends & holidays excluded) prior to the course via mail, phone or in person. Refunds will not be extended to customers who do not call and cancel.
- •Exceptions to these guidelines may be authorized by Workforce Training & Economic Development.
- •Cancellations due to bad weather will be announced on KVGB-AM radio 1590, KVGB-FM radio 104.3, KZRS-FM radio 107.9, KHOK-FM radio 100.7 or KSNC-TV.

#### **ACCOMMODATIONS**

Barton Community College will try to accommodate individuals with a disability and provide access to College sponsored programs and services. If you need special accommodations to attend a seminar or workshop, contact us two weeks in advance at Barton Community College, 245 NE 30RD, Great Bend, Kansas 67530, (620)792-9255 or (866)813-2462.

## **REGISTRATION FORM**

## **35<sup>th</sup> Annual Corrosion Control Seminar Registration Form**This registration form may be photocopied for additional registrations. Online registration available at corrosion.bartonccc.edu.

#### Please check one of the following levels you plan to attend:

☐ Basic Cathodic Protection Rectifier Session (February 28, 2023 - \$99)
☐ Techniques of Field Applied Coatings Session (February 28, 2023 - \$99)
□ Track I - Basic Cathodic Protection Instruction & Testing (March 1 & 2, 2023 - \$199
☐ Track II - Technical Sessions (March 1 & 2, 2023 - \$199)

		PERSONA	L INFORMA	ATION:	
Spring 2023					
Social Security Number/Co	llege ID			Date of Birth	
Legal Name					
Last N		First Name	MI	Maide	n or other names
Legal Address	Number and Street		City	County	State and Zip Code
Home Phone		Cell Phone	*	,	
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				City	State and Zip Code
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Email Address				Sex.	☐ Male ☐ Female
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#### ADDRESS SERVICE REQUESTED



Non-Discrimination Notice: To provide equal employment, advancement and learning opportunities to all individuals, employment and student admission decisions at Barton will be based on merit, qualifications, and abilities. Barton County Community College does not discriminate on the basis of race, color, national origin, sex, disability, age or any characteristic protected by law in all aspects of employment and admission in its education programs or activities. Any person having inquiries concerning Barton County Community College's non-discrimination compliance policy, including the application of Equal Opportunity Employment, Titles IV, VI, VII, IX, Section 504 and the implementing regulations, is directed to contact the College's Compliance Officer, Barton County Community College, Room A-123, Great Bend, Kansas 67530 (620) 792-9234. Any person may also contact the Director, Office of Civil Rights, U.S. Department of Education, Washington, DC 20201.

## **Hotel/Motel Accommodations**

#### **BEST WESTERN ANGUS INN**

2920 10th Street, Great Bend (800)862-6487 or (620)792-3541

#### **Outside Rooms**

Single - \$71 plus tax 2 persons - \$76 plus tax

#### **Courtyard Rooms**

Single - \$76 plus tax 2 persons - \$81 plus tax When making a reservation, be sure to ask for the block of rooms for NACE. Rooms must be reserved by February 14<sup>th</sup> to receive the discounted rates.

#### OTHER HOTELS/MOTELS IN GREAT BEND & HOISINGTON

Baltzell Motel	705 10th Street	(620)792-4395
Days Inn	4701 10th Street	(620)792-8235
Holiday Inn Express & Suites	3821 10th Street	(620)603-6565
Quality Inn	3500 10th Street	(620)793-8486
Rodeway Inn & Suites	57 West Highway 4, Hoisington	(620)292-6022
Super 8	911 Grant Street	(620)910-9523
Travelers Budget Inn	4200 10th Street	(620)793-5448
Travelodge	3200 10th Street	(620)792-7219