

# Advanced CHECWORKS™ Training (In Person)

August 13-15, 2024 - Montrose, Colorado

## OVERVIEW

Electric Power Research Institute (EPRI) developed the CHECWORKS™ software program to assist the utility industry in planning and implementing inspection programs to prevent flow-accelerated corrosion (FAC) failures. The goal of the code is to provide predictive technology allowing utilities to estimate the FAC wear rate and remaining service life of uninspected piping components. This course will provide advanced training of the CHECWORKS™ predictive algorithm utilizing a combination of input parameters to provide predicted wear rate and remaining service life for each modeled component. This course is designed for those who have had a basic CHECWORKS™ training course or at least one year of experience working with the software.

## LOCATION

Training will take place in-person at the Holiday Inn Express located at 1391 S. Townsend Avenue in Montrose, Colorado.

## COURSE CONTENT

- Detailed teachings on inner workings of CHECWORKS™ and performance of cyclical updates
- Ensuring CHECWORKS™ model is properly configured
- Troubleshooting common model errors and warnings
- Course content and approach structured for FAC and Erosion Program Owners
- Training materials are provided via electronic download

## SCHEDULE AT A GLANCE - August 13-15, 2024

Tues, August 13	9:00am – 5:00pm EDT (UTC-5)	Introduction, Review of Basic CHECWORKS™ Training, Model Modifications
Wed, August 14	9:00am – 5:00pm EDT (UTC-5)	Cyclical Updates, WRA, NFA, ARD, FlexOps
Thurs, August 15	9:00am – 2:00pm EDT (UTC-5)	UT Analysis, Erosion, Correcting Errors and Warnings, Understanding Input to Output Relationships, ODBC Connection for Reporting via the Backend

## CONTINUING EDUCATION UNITS (CEU)

Attendee will receive a Certificate of Completion for 2.4 Continuing Education Units (CEU) credits to qualify for 24 Professional Development Hours (PDH) needed to fulfill Professional Engineers' continuing education requirements. The credits will be awarded without authorization. It is the attendee's responsibility to keep and present the certificate to any organization that requires the certificate.

**FEE: \$2,200 (USD)**

\*Lunches and beverage service will be provided

## REQUIREMENTS

A laptop loaded with CHECWORKS™ SFA v4.2 (v4.0 SP-1 and v4.1 are also acceptable, but the student will not be able to participate in some exercises).

## INSTRUCTOR

Ryan D. Doremus | [ryan.doremus@gses.com](mailto:ryan.doremus@gses.com) | +1 312.860.2102

Mr. Doremus has worked for over 15 years as a consulting engineer specializing in Flow Accelerated Corrosion and Erosion programs. He has performed several projects for domestic and international utilities including CHECWORKS™ model cyclical updates, Pass 2 analyses, power uprates, model verification and validation, and even building models from scratch. Mr. Doremus is a member of EPRI's CHECWORKS™ Technical Advisory Group (TAG) and has been previously commissioned by EPRI to perform CHECWORKS™ SFA Training.

## ACCOMMODATIONS

Holiday Inn Express (Montrose) 1391 S. Townsend Ave.  
Montrose, CO 81401 (970) 240-1800

When reserving a room please mention you are with GSE Engineering / True North for the Advanced CHECWORKS™ Training to receive a discounted rate. A variety of hot and cold breakfasts are provided as part of the Holiday Inn package.

## QUESTIONS

Contact Derek Horn  
[derek.horn@gses.com](mailto:derek.horn@gses.com)  
+1 970.822.9213

## WHAT OTHERS ARE SAYING

*Instructor very knowledgeable in the software. Able to answer all questions pertaining to the software and training material.*

*Info provided in training will help with my current review of my CHECWORKS database. Good refresher. Reminded me of some items I had forgotten about.*

*Topic is highly relevant and needed.*

*Being able to move between slides and CHECWORKS was very helpful.*

# REGISTRATION FORM

**Advanced CHECWORKS™ Training**  
 August 13-15, 2024

**DEADLINE – August 2, 2024**

Send payment information to: [jacob.hebbel@gses.com](mailto:jacob.hebbel@gses.com)

Mail check to: GSE Performance Systems (Attn: Training Group)  
 6940 Columbia Gateway Dr., Suite 470 Columbia, MD 21046

Register Online at: <https://www.gses.com/training/checworks/>

Name:	
Job Title:	
Company: Plant:	
Telephone:	
Email:	
<b>Payment Information</b>	
Check one form of payment:	<input type="checkbox"/> CREDITCARD <input type="checkbox"/> CHECK # _____ <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express <input type="checkbox"/> Other
Card #	
Exp. Date:	
Cardholder Name:	
Credit Card Billing Address	
Signature:	
Cardholder's Email Address/Phone Number:	
<ul style="list-style-type: none"> <li>Remittance of payment is due one week prior to the first day of training.</li> <li>Receipt for payment will be emailed to you as your confirmation.</li> <li>If your company or another party will be compensating GSE TrueNorth for your registration fee via check or credit card, please include a contact name, number and email address of the person responsible.</li> <li><b>All information shall remain confidential.</b></li> </ul>	
If you have any questions about registering, please call +1 970.822.9213 or email <a href="mailto:derek.horn@gses.com" style="color: blue; text-decoration: underline;">derek.horn@gses.com</a> .	