



Why: To provide assistance to pipeline operators and service companies by helping them comply with the Operator Qualification rule (49 CFR §192(N) and 49 CFR §195(G)). New Operator Qualification rules and recommended practices require that all personnel performing inspections and evaluations of the pipe are properly trained and qualified in each task. The RSTRENG® “Qualification” course being offered meets the needs of pipeline owner/operators and the service companies that work for them.

What: RSTRENG® is the preferred technology for use in evaluating the remaining strength of a pipeline when exposed to corrosion. The DOT/OPS has approved ASME B31G and RSTRENG® as approved technologies for use by pipeline owner/operators and the service companies that work for them. However, RSTRENG® is the preferred technology as it is less conservative than ASME B31G which results in lower costs to the pipeline owner/operator.

The following short-course is being offered to personnel of pipeline owner/operator and the service/construction companies that work for them involved in the inspection and evaluation of pipeline corrosion.

The RSTRENG® training and certification course is a one (1) day course which will (1) provide a basic understanding of how the technology works, (2) summarize the techniques' benefits and limitations, (3) summarize the steps involved in performing an RSTRENG® evaluation, (4) demonstrate how RSTRENG® should be used in the field, (5) overview of how to properly interpret results, what to look for, and lastly to review various case study results to assist in analyzing the data and quality control of the results.

Who: The Pipeline Research Council International, Inc. (PRCI) funded and is the Intellectual Property (IP) owner of the

RSTRENG® technology. Technical Toolboxes, Inc. (TTI) is the exclusive strategic partner of PRCI responsible for the commercialization of PRCI technology. TTI is now offering “Official” RSTRENG® training.

Instructor: Wayne Wildenradt, BSCE, Purdue University; MBA University of Wisconsin ; Texas Professional Engineer #33030, Texas Registration to offer and perform engineering services #F-2773. Forty- eight (48) years global experience in the design, engineering and project management services for oil, gas and refined product systems and components. In addition, Mr. Wildenradt was an Instructor, Economics of Pipeline Transportation at the University of Texas School of Pipeline Technology.

Price: \$725 per student

Location: TBA
Calgary, AB
Canada



Agenda:

Day 1 Program

09.00 Registration and Coffee

Introduction and overview

Original B31G Research Objective and Methodology

Introduction to the RSTRENG® technology

Data gathering techniques and tools

Break

Introduction to the RSTRENG® software

Step by step instructions for RSTRENG® operation

Interpretation and evaluation of results

Lunch

Case Studies

Test

Break

Optional & Voluntary:

Data Gathering Demonstration
Pipeline Repair & Rehabilitation

Techniques & Methods

Pipeline Toolbox Overview Training

16:00 End of training



Calgary, AB

**Please complete the attached form
and fax to TTI at 713-630-0560**

Discount for multiple courses:

2 courses - \$1,200.00, 3 courses - \$1,500.00

Please select the courses attending:

- Official RSTRENG Training & Qualification Course
- Pipeline Crossings - Practices & Procedures
- Pipeline Toolbox Training Course (Gas & Liquid)

Course Cost:

Course Date:

Name

Company

Address

Address

City, State, ZIP

Country

Phone/Mobile

Fax

E-mail

Payment by Credit Card

Circle One: VISA MasterCard AMEX

CC Number

Expiration Date

Signature*

** By signing above I commit to paying the course fee when invoiced*

Terms and Conditions: One registration is required per person. Upon receipt of your above registration an invoice will be generated for payment. Payment is due 30 days from receipt. 1/2 of the course fee will be refunded provided written cancellation is received within 48 hours of the course start.

Technical Toolboxes
3801 Kirby Drive, Suite 520
Houston, TX 77098
Tel: 713-630-0505
Fax: 713-630-0560

Email: training@ttoolboxes.com