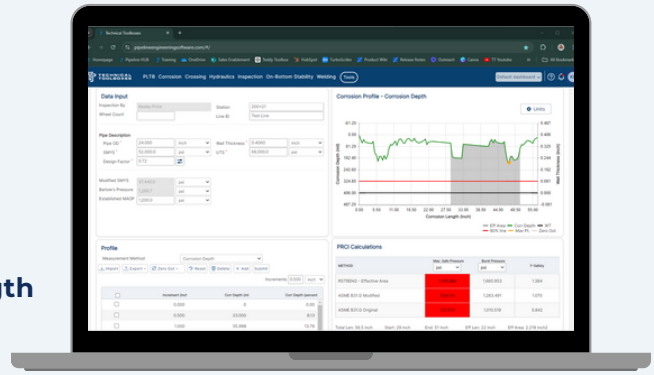
TECHNICAL TOOLBOXES

RSTRENG+

Industry proven software to determine remaining strength of pipe and mitigate risk of pipeline corrosion.



Technical Toolboxes' RSTRENG+ software provides a comprehensive solution, combining the PRCI-backed RSTRENG software with advanced features and calculations to facilitate better integrity repair decisions, reducing risk, and improving the quality of engineering operations. Built on the RSTRENG engine, RSTRENG+ is the only Level 2 methodology sanctioned by the Code of Federal Regulations (CFR) for calculating the remaining strength along extended lengths of pipe.

The software's automatic workflows reduce manual work, increasing the speed, accuracy, and confidence with which engineers complete integrity analysis projects. RSTRENG+ includes advanced features such as Batch Run and the Zero-Out Method, along with Non-PRCI calculations to accommodate multiple scenarios. Additionally, it ensures TVC recordkeeping compliance with the Mega Rule under the Pipeline and Hazardous Materials Safety Administration (PHMSA).

KEY FEATURES

- **Accelerated Project Workflows**: Automatic processes minimize manual labor, allowing engineers to complete integrity analysis projects more quickly and efficiently.
- **Enhanced Accuracy with Zero-Out Method**: This feature helps pinpoint areas of corrosion that require repair, ensuring precise and effective maintenance actions.
- **Regulatory Compliance**: RSTRENG+ ensures adherence to CFR regulations and PHMSA Mega Rule, maintaining high operational safety and compliance with industry standards.
- **Integration with the Pipeline HUB**: Seamlessly integrates within the Pipeline HUB, providing a centralized data repository that facilitates data sharing and collaboration across engineering teams.

ADVANCED FUNCTIONALITY

Zero-Out Method

Pinpoints effective areas of corrosion along a pipeline that need repair, improving safety and operational efficiency by allowing engineers to operate at the desired Maximum Allowable Operating Pressure (MAOP).

Comprehensive Calculations

Includes reassessment interval calculations and remaining strength calculations (SHELL-92, DNV, PCORRC, API 579) providing flexibility and comprehensive analysis to accommodate different scenarios.

TVC Recordkeeping Support

Automated report generation for compliance with regulatory standards ensures traceable, verifiable, and complete documentation, simplifying the audit process and enhancing data integrity.

Batch Run

Enables the analysis of up to 50 cases simultaneously, optimizing resource allocation and maintenance schedules. This feature is particularly beneficial as engineers often need to evaluate multiple affected areas along a pipeline concurrently, rather than focusing on a single dig site. By processing numerous scenarios at once, Batch Run enhances efficiency and provides a comprehensive view of pipeline integrity, helping engineers make informed decisions quickly.

FIND OUT MORE

Learn more about Pipeline HUB's RSTRENG+ capabilities and schedule a demo to see it in action.

ABOUT TECHNICAL TOOLBOXES

Technical Toolboxes is the global leader of integrity analytics for pipelines to help solve the growing, complex challenges they face across crossings, corrosion, welding, and more. Our modern software platform provides a simple way to get the most accurate pipeline engineering calculations so that you can increase team productivity and improve compliance while decreasing risk. We enable energy companies to move away from rudimentary calculations and processes to a world of fast, secure, scalable pipeline insights you can trust.

To learn more about Technical Toolboxes and the Pipeline HUB, go to **www.technicaltoolboxes.com**.