

DataLogger®

COLLECT. STORE.
ANALYZE.

DATALOGGER® FUSION JOINT DATA
COLLECTION & ANALYSIS

 **McELROY**

DATA COLLECTION HAS NEVER BEEN MORE IMPORTANT.

New regulations continue to emerge that require better record keeping and increased accountability for those creating and managing pipeline infrastructures. Adopting the proper data logging tools now can keep you ahead of the regulatory curve.

Incorporating data collection into your pipe fusion operations is a smart move. A consistent routine of data collection can provide assurance that fusion joints are safe and sound before they go in the ground, potentially avoiding costly expenses to extricate and repair questionable joints.

Secure storage and easy accessibility of data is also key. Should a need ever arise, good record keeping can show that industry standards have been properly followed. Beyond the jobsite, proper data collection and analysis can provide new insights into your fusion operation.

AS A CONTRACTOR...

gain a competitive edge and win more contracts by adding data collection devices to your work flow. Sharing fusion data reports can demonstrate the quality of your work and verify that each fusion joint in the pipeline adheres to industry standards and is ready for service.

AS A PIPELINE OWNER OR ENGINEER...

requiring that a data collection device be used on your pipeline project is crucial. Data records can provide a comprehensive, historical record of each fusion joint on the entire pipeline. Analysis of that data can offer assurance that the pipe was installed to industry standards before it goes in the ground.

HOW CAN THE DATALOGGER® 5 BENEFIT YOUR JOBSITE?

Engineers, pipeline owners and contractors are quickly recognizing the importance of documenting the pipe fusion process. Not only does it provide for increased accountability, but it can be a comprehensive, archival record of the entire job.

The new DataLogger 5 from McElroy captures the most information relevant to your job such as GPS locations, jobsite photos and barcoded details from pipe and fittings along with the ability to upload the collected data from the field via cellular or WiFi connections to the DataLogger® Vault™.

To see more, visit www.mcelroy.com/datalogger





BUILT-IN 5MP CAMERA

Enhance your DataLogger joint reports by including photos of fusion joints, jobsite conditions, face-off and more.



BARCODE SCANNER

Quickly input data from barcoded pipe and fittings.





WIFI & CELLULAR ENABLED

Upload joint reports
to the DataLogger
Vault directly from
the field.

DATALOGGER® 5 FEATURES

GPS Stamping	Quickly and accurately tag multiple locations for each fusion joint to document point of fusion and burial site for future reference
5MP Camera	Enhance your DataLogger joint reports by including photos of fusion joints, jobsite conditions, face-off and more
Barcode Scanner	Easily enter pipe and fitting information by scanning barcodes on applicable pipe and fittings
FusionGuide™ Equipped	Quickly interpret graphic representations of key parameters of the pipe fusion process such as heat and cool times and fusion pressures
Cellular & WiFi Capable	Quickly store information without the wait. Upload fusion joint data directly from the field via cellular or WiFi service
DataLogger® Vault™ Compatible	Securely store and analyze fusion joint reports from anywhere there is an Internet connection
On-Screen Coaching	Step-by-step instructions guide operators through joint report generation
Multi-Language Support	Available in English, Spanish, Portuguese, Russian and Chinese packages
Multiple Fusion Standards	Supports ASTM F2620-12, ISO 21307:2011-05, GIS/PL2-3:2006-07, Profuse, DS/INF 70-2 PE:HD:1992-05, WIS 4-32-08:2002-04, DVS 2207-1 PE-HD:2005-09, DVS 2207-11 PP:2008-08, DS/INF 70-2 PP:1992-05

DataLogger package includes digital pressure sender, rugged handheld computer with pre-installed software, carrying case and one year of free software support. Specifications subject to change without notice.

GAIN GREATER INSIGHTS INTO YOUR FUSION OPERATIONS.

Good data, along with proper analysis, is the key to better understanding your business. By collecting and analyzing data from your fusion jobsite, you can gain new insights into your overall operations.

A simple analysis done in-field or off-site can help provide assurances that each fusion joint was made using proper procedures and meets industry standards. Data can improve overall jobsite efficiencies and evaluate individual operator productivity and performance. Fusion joint records can also include GPS data to provide for easier traceability.

Understanding and using the information gained from logging your fusion activities can significantly improve your bottom line. Finding new ways to manage, view and sort that data, and discovering new metrics to track will only improve your decision making and overall jobsite performance. All this together adds real value to you and your customers.

INTRODUCING THE DATALOGGER® VAULT™. SAFE, SECURE ONLINE STORAGE & ANALYTICS.

The new DataLogger® Vault™ from McElroy allows users to safely and securely store fusion joint records in the cloud. Details are easily sorted for in-depth analysis of every fusion joint from a jobsite and are accessible from anywhere there is a connection to the Internet. The new DataLogger Vault is compatible with fusion joint reports from DataLogger 3, 4 and 5 units.

The information gathered from DataLogger joint reports can be used to validate that fusion joints completed are

sound and ready for service. Review of FusionGuide™ graphs can quickly confirm if key parameters of the fusion process adhere to supported standards.

With more data comes greater opportunity to improve your business operations. Data collected and analyzed in DataLogger Vault can aid in identifying costly errors BEFORE the pipeline is buried. In-depth record exploration can assist in identifying training needs, monitoring machine usage and estimating maintenance needs and more.

To see more and sign up for a free account, visit www.mcelroy.com/datalogger



Securely store fusion joint reports



Easily organize and analyze fusion joint data



Accessible anywhere you have access to the Internet



Compatible with DataLogger 3, 4 and 5 joint reports



DataLogger®

FUSION JOINT DATA
COLLECTION & ANALYSIS



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