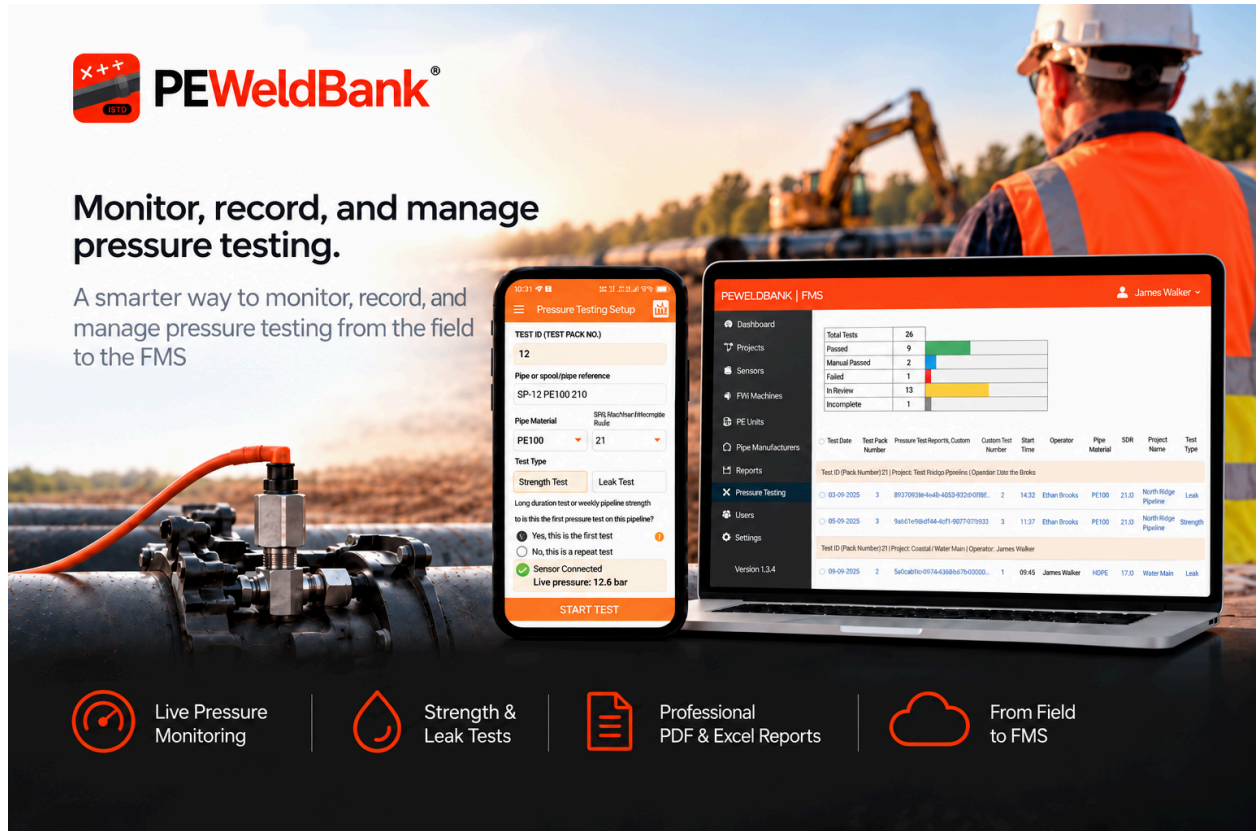


Proof Under Pressure: Meet PEWeldBank's New Pressure Testing Module



Monitor, record, and manage pressure testing.

A smarter way to monitor, record, and manage pressure testing from the field to the FMS

TEST ID (TEST PACK NO.)
12

Pipe or spool/pipeline reference
SP-12 PE100 210

Pipe Material
PE100

Test Type
Strength Test

Long duration test or weekly pipeline strength
to is this the first pressure test on this pipeline?

☒ Yes, this is the first test
☐ No, this is a repeat test

Sensor Connected
Live pressure: 12.6 bar

START TEST

PEWELDBANK | FMS

James Walker

- Dashboard
- Projects
- Sensors
- FMS Machines
- PE Units
- Pipe Manufacturers
- Reports
- Pressure Testing
- Users
- Settings

Version 1.3.4

Test Date	Test Pack Number	Pressure Test Reports, Custom	Custom Test Number	Start Time	Operator	Pipe Material	SDR	Project Name	Test Type
Test ID (Pack Number) 21 (Project: Test Pack Pipeline) (Operator: User the Brooks)									
03-09-2025	3	893700306-4446-4020-8220-07096...	2	14:32	Ethan Brooks	PE100	21.0	North Ridge Pipeline	Leak
05-09-2025	3	8a4c5e9a944-4471-8077-070933	3	11:37	Ethan Brooks	PE100	21.0	North Ridge Pipeline	Strength
Test ID (Pack Number) 21 (Project: Coastal Water Main) (Operator: James Walker)									
09-09-2025	2	8a5c4a80e-0714-4388b4c7b-0000...	1	09:45	James Walker	HDPE	17.0	Water Main	Leak

 Live Pressure Monitoring

 Strength & Leak Tests

 Professional PDF & Excel Reports

 From Field to FMS

A pipeline may look complete once installation is finished, but before it can be confidently put into service, there is one more critical stage: **Pressure Testing**.

Pressure testing helps project teams verify that a pipeline can maintain the required pressure and identify potential issues before commissioning. But simply knowing whether a test passed is not always enough.

What matters just as much is having a clear record of **what happened throughout the test**.

Pressure Testing Should Show More Than a Final Result

A pressure test can provide much more than a simple pass or review outcome.

Project teams may need to understand:

- What pressure was applied
- How long the test was carried out
- Whether the pressure remained within the required range
- Whether any alarms or pressure changes occurred
- Who carried out the test
- What supporting notes, photos and records were captured

When this information is spread across paper forms, spreadsheets and separate systems, reviewing the complete history of a test can become difficult.

That is where a more connected digital workflow can make a difference.

Introducing Pressure Testing in PEWeldBank

PEWeldBank now extends its digital traceability capabilities beyond welding with the introduction of the **Pressure Testing module**.

The module allows field teams to carry out and record pressure testing through the PEWeldBank mobile application, while keeping the associated test information available through the **Fusion Management System (FMS)**.

This creates a more connected workflow from field testing through to review and reporting.

Strength and Leak Testing

Different stages of a pipeline project may require different types of pressure testing.

PEWeldBank supports:

Strength Tests

Used to assess whether the pipeline can withstand the required test pressure.

Leak Tests

Used to monitor whether the system maintains pressure and identify potential leakage.

Testing can be carried out using **Water or Air**, helping teams maintain digital records for different testing requirements.

See What Happens During the Test

Pressure testing is not only about the final result.

With PEWeldBank, operators can monitor pressure throughout the test using connected pressure testing equipment.

During testing, users can view:

- Live pressure readings
- Real-time pressure graphs
- Test progress
- Pressure changes over time
- Visual and audible pressure alarms

This provides better visibility into how the test is progressing and helps capture a more complete record of what happened.

Manage Multiple Tests in One Place

A single Test Pack Number may include more than one testing stage.

With PEWeldBank, multiple **Strength and Leak Tests** can be recorded under the same Test Pack Number, helping project teams maintain a clearer and more organised testing history.

Instead of managing separate records, related test stages can remain connected within the same workflow.

Review Pressure Tests in the Mobile App

Completed pressure tests can also be reviewed through the PEWeldBank mobile application.

This allows field teams to access test information, review recorded pressure data and check the associated graph without relying only on office based systems.

From the Field to the FMS

Once testing is completed, the information can be reviewed through the **PEWeldBank Fusion Management System**.

Project and office teams can access pressure testing records, review test outcomes and manage the associated documentation from one central location.

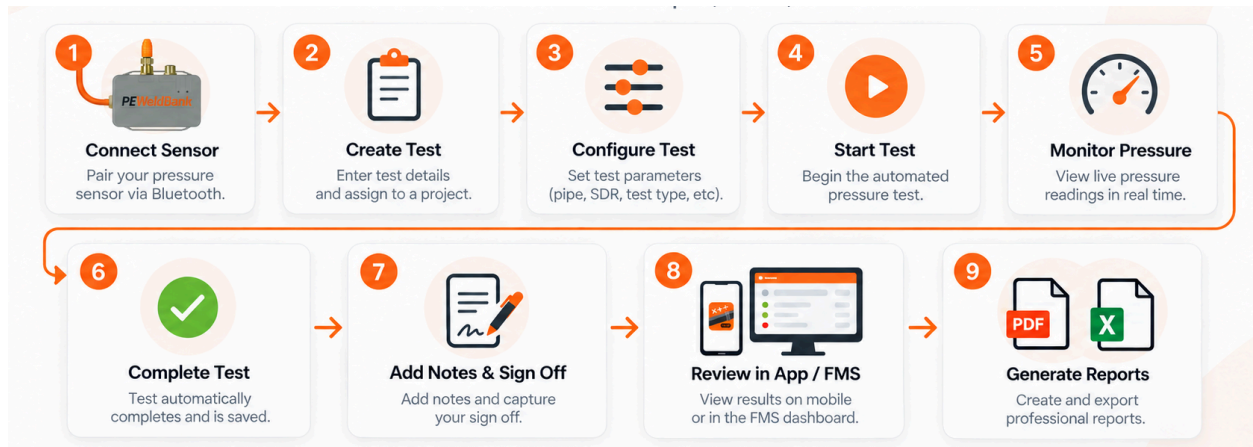
Pressure test reports include:

- Test information and results
- Pressure graphs
- Supporting photos
- Operator information and declarations
- Calibration information

Reports can be downloaded in **PDF** format, while pressure test data can also be exported through **Excel** for further review and record keeping.

One Connected Workflow

The PEWeldBank Pressure Testing module is designed to connect each stage of the process:



By keeping these stages connected, teams can reduce fragmented records and improve access to pressure testing information across both field and office operations.

Key Benefits

Moving pressure testing into a digital workflow can help organisations:

- Reduce paperwork and manual data entry
- Improve pressure test traceability
- Access test information faster
- Improve visibility between field and office teams
- Maintain organised digital records
- Generate professional reports more efficiently

The goal is not simply to replace a paper form. It is to create a clearer and more complete record of the entire pressure testing process.

Air & Water Pressure Testing Transducers

PEWeldBank supports dedicated **Air and Water pressure testing transducers**, helping connect field pressure measurements directly with digital pressure test records.

This provides a more integrated approach to pressure monitoring and reporting within the PEWeldBank workflow.

Beyond the Result: The Value of a Complete Pressure Test Record

A pressure test result is important, but the information behind that result can be just as valuable.

With PEWeldBank, each pressure test is recorded as part of a connected digital record, helping field teams capture what happened during the test while giving project teams better access to the information they need.

Explore PEWeldBank Pressure Testing and discover a more connected approach to pipeline testing, traceability and reporting.