Buckman
Chemistry, connected.™

HOW DO YOU EMPOWER CONFIDENT ACTION **IN ANY LEAK SCENARIO?**

YOUR CHALLENGE:
INCONSISTENT TRUST BETWEEN OPERATORS AND LEAK DETECTION SYSTEMS

The relationship between operators and the mill technologies they manage has always been complicated. When the systems are consistent, predictable, and "just work," there's a productive synergy between the two. But when operators can't trust certain tools—for example, when a leak detection system is prone to false alarms and has to be "detuned" to reduce the noise—it's more likely they're abandoned, gathering dust in some forgotten corner.

Meanwhile, boilers and other mill equipment continue to get older, making detailed monitoring more important. But operators are getting younger, which means they have less real-world experience and are more likely to rely on automated systems. Many mills struggle to create alignment across the different operators, systems, and equipment. They may invest in computer-based training or develop more standard operating procedures (SOPs), but not every operator learns the same way—and SOPs only work when they are inherently understood and consistently followed.

What's more, your long-time operators may become de-motivated and distrustful if all this effort causes them more work and anxiety—making them more likely to leave and take their expert knowledge with them. And all the while, your leak detection system is either not being used or distrusted, making you more likely to miss a leak that could create serious safety and/or production problems.

The number of employees in US paper mills dropped from 67,000 to 49,000 from 2010 to 2020—a decrease of nearly 27%.[1]

1. "U.S. number of employees in paper mills 2010-2020," Statista, Jan 27, 2021.

YOUR SOLUTION:
EMPOWER CONFIDENT ACTION IN ANY LEAK SCENARIO

When there isn't consistent trust between operators and your leak detection system, you risk overreacting to false alarms—or not reacting fast enough to legitimate warning signs.

With Buckman, you can use a variety of training tools to eliminate emotional decisions.
You'll:

Foster a trusted relationship between operators and the system

View the most important, BLRBAC-recommended variables for leak detection on RBA's single-screen interface

Make educated decisions in the least amount of time

As a result, you'll
make your entire team better prepared for real leak events, so they can proactively increase the safety of your operations.

Here's how...

ELIMINATE EMOTIONAL DECISIONS
THROUGH KNOWLEDGE

When operators don't have full confidence—either in the leak detection system or in themselves to interpret situations—they're more likely to panic or act unpredictably in a legitimate leak scenario.
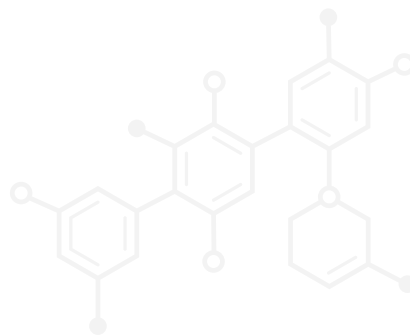
With **trusted learning resources**, you'll have a variety of tools that build operator confidence, such as training videos from the "Help" menu for just-in-time learning; checklists of possible false alarms and leak symptoms; and the ability to replay historical leak events to better understand what really happened.

This means building trust and alignment across the various levels of operator experience, and making your entire team better prepared for real events, so they can act decisively with confidence.
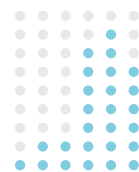
Trusted Learning Resources:
A variety of tools, such as training videos, checklists, and leak simulation features, for building operator confidence

Performance Monitoring:
The only system that goes beyond pure leak detection to monitor boiler performance elements, such as boiler fouling and sootblower operation

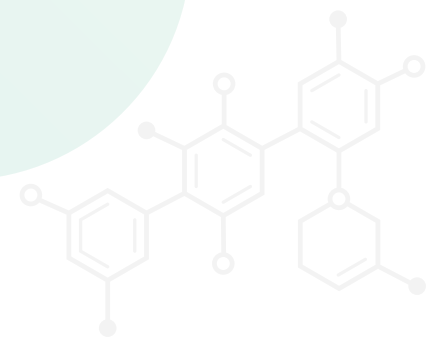# MONITOR PERFORMANCE
BEYOND LEAK DETECTION

Boilers are complex machines with numerous points of failure, which can make it difficult to identify the root cause of a problem—especially when each operator may have different expertise and past experiences that they follow.

With **Buckman's Recovery Boiler Advisor**, you can integrate performance monitoring beyond leak detection, with the only system to also monitor such elements as smelt runoff, black out, emissions, boiler fouling, and sootblower operation.

This means your operators will have more visibility into multiple elements—proactively increasing the safety of your operations.

VIEW CRITICAL LEAK DYNAMICS
ON ONE SCREEN

Speed is everything in leak detection, which means your operators can't be wasting time comparing data points, jumping between systems, or physically investigating the boiler each time an alert occurs.

With **Buckman's single-screen interface**, your operators will view the most important variables for major leak detection on one screen, so they can make the best decisions in the least amount of time.

This means you eliminate time wasted searching for information, shrinking that critical window between alert and action.
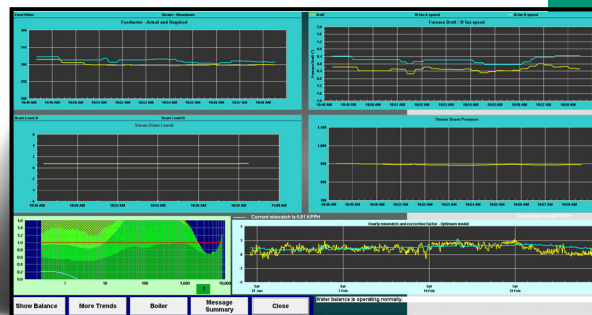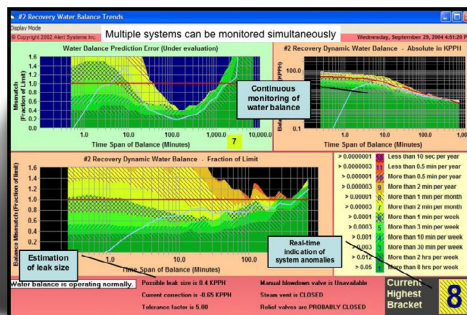
Single-screen Interface:
The most important variables for major leak detection, monitored in real time on one screen

When you partner with Buckman,

you can ensure trust between operators and leak detection systems and avoid overreacting to false alarms—or not reacting fast enough to legitimate warning signs.

You'll...

Build alignment across various levels of operator experience, making your team better prepared

Enable your operators to have more visibility into sootblower performance

Monitor variables on one screen, eliminating time wasted searching for information

All this means you'll **empower confident action in leak scenarios.**

To learn more, please visit us online.

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