

Safe. Reliable. Informed.

For over 30 years, Nalco Water has been an innovative leader in recovery boiler leak detection in the paper industry. 3D TRASAR™ Technology for Recovery Boiler Leak Indication helps mills move from reactive response to proactive protection, supporting safer recovery boiler operation and greater peace of mind.



Offering

3D TRASAR™ Technology for Recovery Boiler Leak Indication (RBLI) is a data-driven solution that helps protect your recovery boiler. By combining mass balance monitoring, patented 3D TRASAR Technology and advanced analytics, it detects critical and non-critical water leaks early and reliably. Secure connectivity to the ECOLAB3D platform provides real-time visibility and support from Nalco Water experts, helping reduce false alarms, improve safety and minimize downtime and costs.

Efficient recovery boiler operation is critical in pulp and paper production, and early leak detection helps prevent downtime, damage and safety risks. The 3D TRASAR for RBLI program integrates monitoring across systems and sensors, delivering real-time insights, automated reporting and 24/7 support via ECOLAB 3D—enabling faster leak detection and improved safety and reliability.

The Value For Your Operation

- Increased confidence in recovery boiler safety and reliability
- Earlier indications of potential leaks, supporting faster response and safer operations
- Reduced false alarms and unnecessary investigations
- Secure, scalable access to your boiler data and remote expert oversight across mills and enterprise operations
- In-depth diagnostics and ongoing support from Nalco Water experts
- Enhanced protection of your critical boiler assets through sensitive, reliable monitoring

Contact

For more information about 3D TRASAR Technology for Recovery Boiler Leak Indication please contact your local Nalco Water sales engineer, or visit nalco.ecolab.com/program/recovery-boiler-leak-indication/

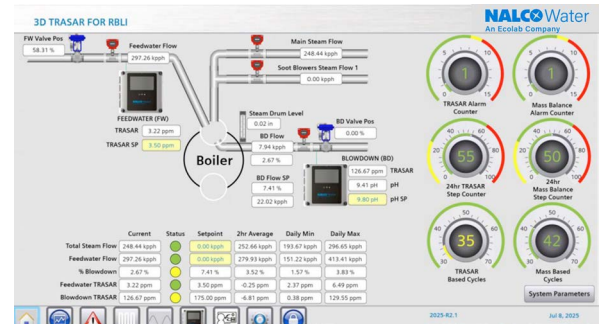


Figure 1: 3D TRASAR Technology for Recovery Boiler Leak Indication user interface showing both Mass Balance and TRASAR Technology readings



Figure 2: 3D TRASAR Technology for Recovery Boiler Leak Indication skid