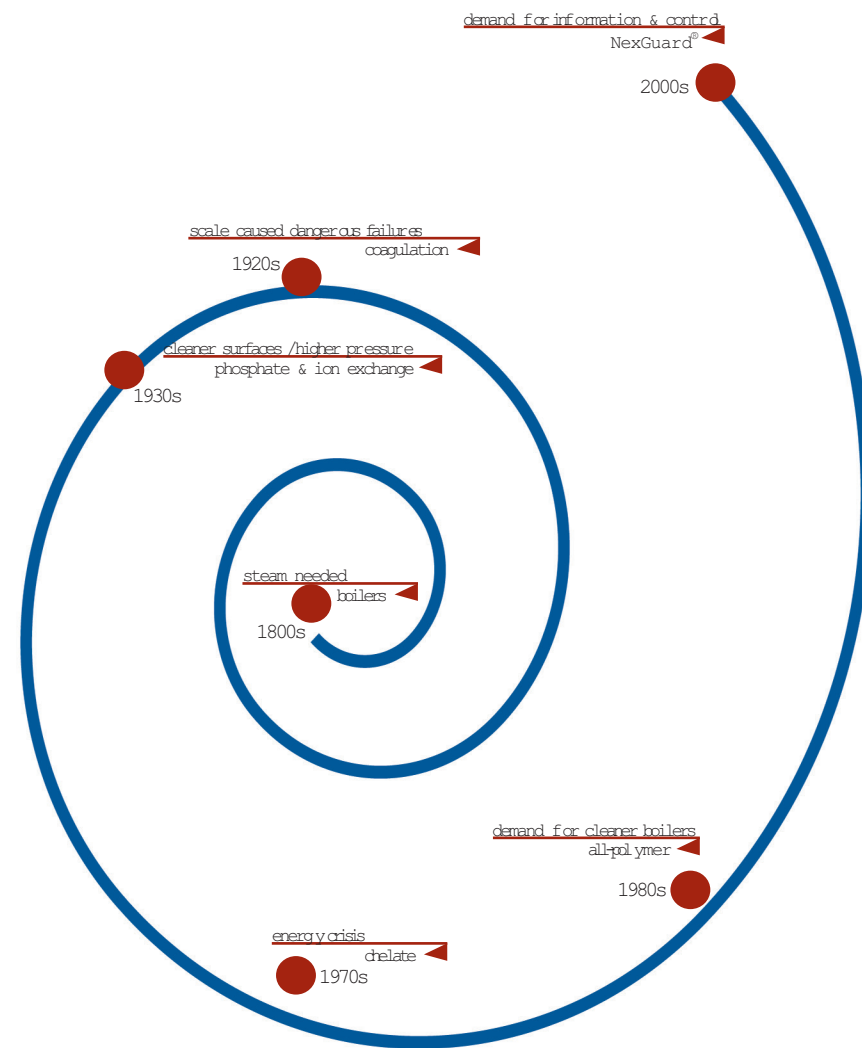


Global solutions.

Nalco has been delivering solutions to customers' toughest water and process problems since 1928. We create value by developing and implementing innovative, differentiated global solutions that are financially, technically, and environmentally sustainable. Backed by a complete range of Nalco services such as our highly trained analytical researchers, our ISO 9002-certified laboratories and state-of-the-art equipment, Nalco conducts business in over 130 countries. We work hand and hand with our customers to help solve problems.

Nalco has more advanced technologies in the field and in the R&D pipeline than ever before. Our goal is to help ensure optimum and trouble-free operations in your enterprise, through innovative solutions that allow you to focus on the profitability of your business.

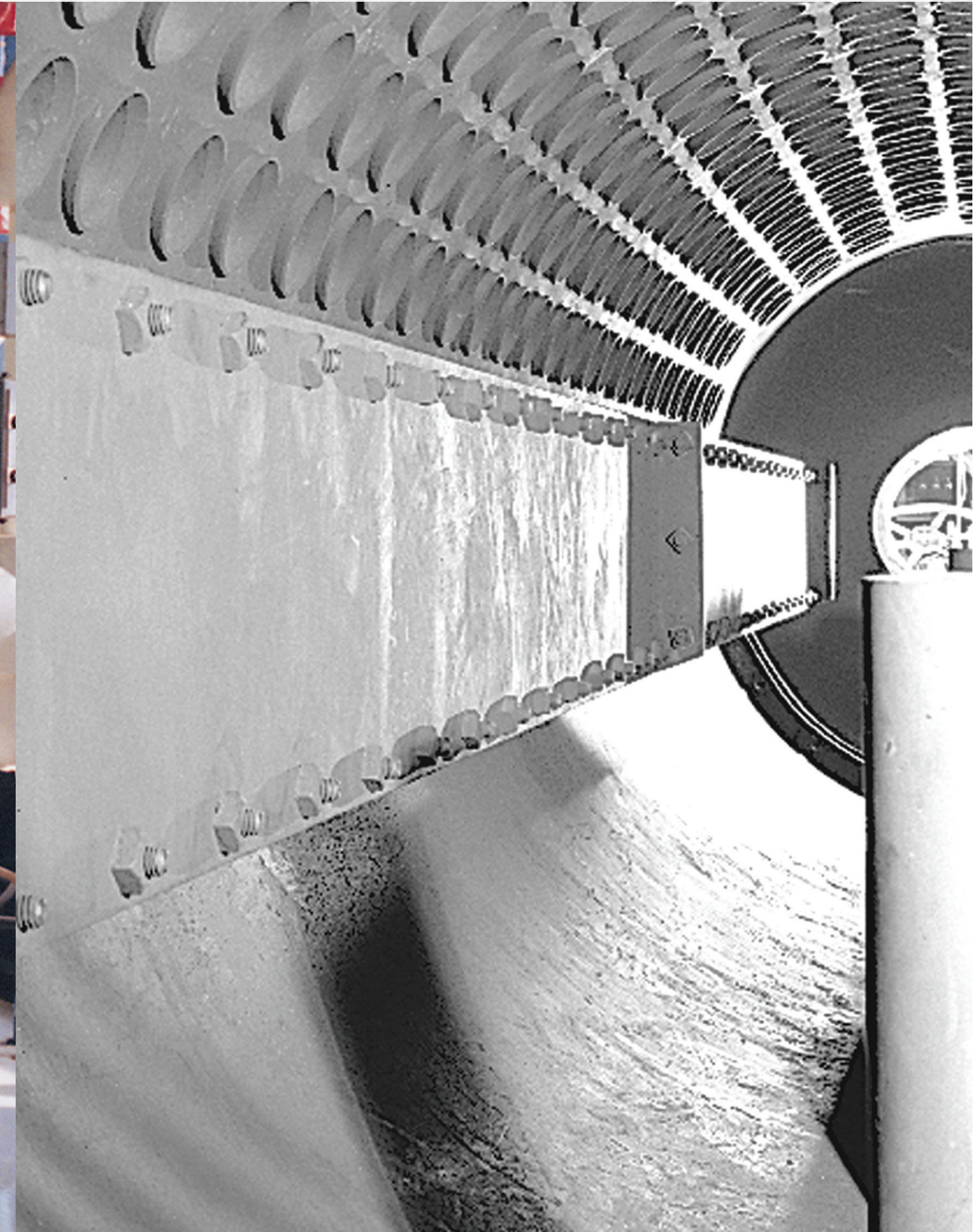
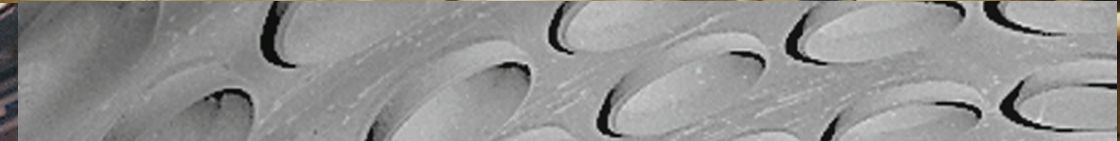
THE BOILER TREATMENT TIMELINE



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ecolab.com/nalco-water

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Built on boilers.

At Nalco, we've built our business on boilers. Over 75 years ago, Nalco began treating boilers for railroads and industry. Our long-term commitment to develop the most innovative boiler water treatment technologies continues today. It is a result of our desire to improve our customers' competitive advantage and decrease total operating costs.

We know that our customers will lose more money in revenue from a single day of lost steam production than they spend with Nalco in boiler treatment for a year or two. Although the direct costs of our boiler water treatment programs might not significantly impact your bottom line, we understand that our results do. That is why we are so passionate about the reliable, safe, and cost-effective production of steam. That is also why we are excited about the benefits of NexGuard.

Program benefits

Nalco knows that when it comes to your boiler, you are interested in the reliable, safe, and efficient production of steam. NexGuard is an innovative program that combines the most advanced internal boiler treatment chemistries with state-of-the-art diagnostic monitoring, feed, and control equipment. Application of this unique program results in reliable, safe, easy-to-use, and cost-effective performance.

High performance.

You can measure the value of NexGuard by how far it **outperforms** alternative treatments, what it **eliminates**, and knowledge it **communicates**.

NexGuard **outperforms** precipitating phosphate programs by keeping most impurities soluble, reducing the amount of blowdown and the potential for deposits. It also ensures significantly lower corrosivity than chelate programs. Additionally, the program successfully handles hardness upsets, resists degradation in the presence of oxygen, and is effective during high heat flux and long retention time applications. NexGuard **eliminates** boiler scale to support higher levels of safety and efficiency, reduced downtime for boiler repair and cleaning, and extended equipment life.

NexGuard **communicates** information concerning treatment levels, cycles of concentration, and amount of blowdown. The program includes diagnostic studies that deliver critical information about feedwater flow, steam flow, carryover, condensate return, and system leaks.

Call it evolution. Call it progress.

Whatever you call it, NexGuard from Nalco is clearly "the next step" in internal boiler treatment technology.

Let's talk specifics.

Flexible and adaptable.

Through chemistry and automation, NexGuard can be tailored to meet the specific needs of your boiler system. Nalco's new chemistries possess several advantages over other internal treatments and are ideal for a variety of feedwater types.

Additionally, NexGuard is FDA approved and utilizes TRASAR® technology that is detected by state-of-the-art equipment. This equipment includes instrumentation that enables simple, accurate grab sample testing and diagnostic studies. Optional on-line, monitoring and control, automation equipment is also available.

Ease of use.

A primary objective in the development of NexGuard was to ensure exceptional ease of use. With handheld monitoring equipment, program testing is the easiest in the industry. It's very fast and simple to analyze water anywhere in the boiler system, whenever you need it, without multiple reagents, tubes, or bottles – and without wasting your operators' valuable time.

NexGuard – the next step in boiler treatment technology. NexGuard is an innovative program that combines the most advanced boiler internal treatment chemistry with TRASAR technology plus state-of-the-art diagnostic, monitoring, feed, and control equipment. Application of this unique program results in reliable, safe, easy-to-use, and cost-effective performance.

NexGuard performs.

NexGuard simplifies.

NexGuard informs.

NexGuard controls.



To find out more about NexGuard, please contact your local Nalco sales engineer.

