

Boiler System Solutions

Performance Enhancement for Boiler Water & Boiler Systems



Solution Outcomes:

- Water & energy savings that directly minimize total Cost of Operations.
- Extended asset life that avoids costly downtime and unplanned CAPEX.
- Safe & reliable steam that reduces disruption to your production process.
- Improved Carbon Footprint and Environmental Impact.

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Addressing the Needs of Boiler Systems

Low and medium pressure boilers must be protected from scale deposition and corrosion to promote optimum energy efficiency and to prolong the useful life of the boiler system equipment.

Implementing a well-controlled boiler water treatment program will create significant reductions in fuel costs, water usage, and environmental emissions.

At Tirtanium, we leverage advanced chemistry, supported by a comprehensive end-to-end Water Resource Management framework, to get the best performance out of your boiler system.



What We Offer



Performance Guarantee



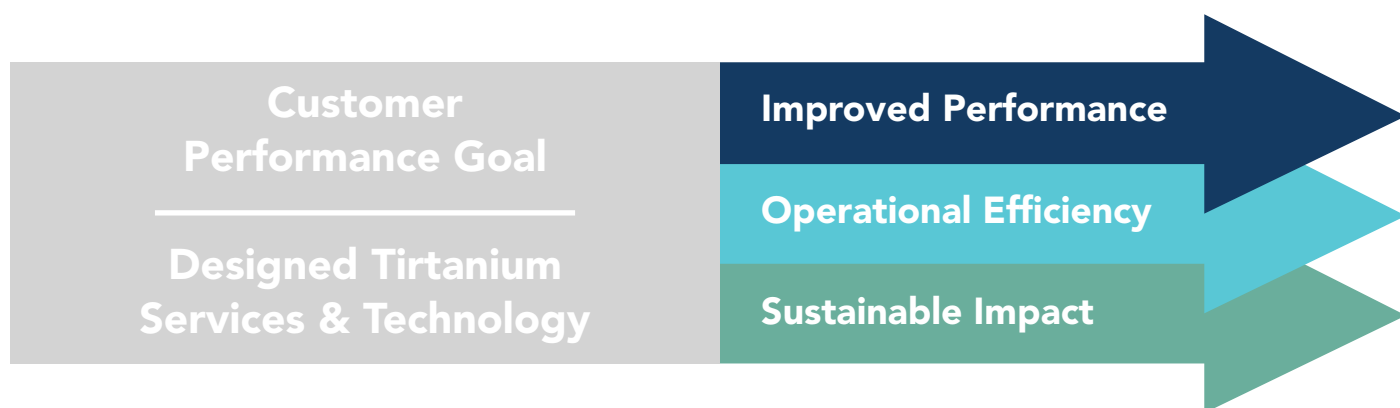
Improved Asset Reliability,
Asset Life, & Asset
Maintenance



Improved Operational
Cost Efficiency &
Profitability



Improved Energy Efficiency &
Environmental Impact



Chemical Treatment Program

Tirtanium's custom Boiler Water Treatment program ensures:

- Protection of your Boiler System from the damaging effects of corrosion, scale and carryover.
- Safe, reliable and economical protection for your entire system.
- Effective treatment programs for all types of heating systems and equipment.

We offer a full line of boiler products in liquid or solid form :



Advanced Solutions

Solid Chemicals

Solid boiler water chemicals is an innovative new generation solution that eliminates the common risks associated with safety & handling, transportation, and environmental impact:

Reduce risk of injuries associated with drum handling,

- chemical spills, and splashes.
- Smaller footprint simplifies transportation, storage, and installations in tight spaces.
- Ideal for hard to access systems that require delivery up stairways and steps, or through tight office spaces.
- Less packaging, landfill waste, and transportation-related greenhouse gas emissions.



Fireside Treatment

Sooting, fouling, clinkering and other combustion deposits are common fireside occurrences in boilers and thermic fluid heaters. The adhesive properties of un-burnt carbon results in the formation of incombustible solids on the heat transfer surfaces, resulting in poor heat transfer, reduced overall boiler efficiency, and increased fuel consumption. Fireside Treatment will return your boiler to its optimal performance:

- Optimize combustion efficiency and reduce particulate emissions, including acid smut, by reducing burner tip fouling, sputtering, and plugging.
- Reduce maintenance time & maintenance costs by minimizing fouling and pluggage of oil transfer lines, filters, and strainers and fouling of pre-heaters.
- Inhibit corrosion of all fuel-contacted metal surfaces, further reducing maintenance time and expense.
- Maximize active tank storage capacity by minimizing sludge accumulations.

