



**Applied High Energy
Cleaning Systems**



**A Vadakin
Innovation**

Specialists in fireside boiler cleaning.

Save profits instead of spending profits.



Removal of coal and other fossil ash is our only business. Focusing on just one service allows us to provide a team of skilled, specially trained, full-time cleaning technicians. This team is managed by supervisors with more than **25 years of boiler cleaning experience.**

Our automated systems eliminate extended down time. Our method directs massive cleaning horse power where it is most effective: right on the contaminated heat rate surface. Our equipment reaches surface areas impossible to be effectively cleaned with manually operated hydro-jet lances and in amounts of time that will shorten the time your station is in outage. Our proven method and efficiency can save your station profits — not only in time, but in **increased megawatt production for longer periods of on-line running time.**



Former process
was labor-intensive
and unsafe.



New technology
increases safety
and efficiency.

Safe

Our automated systems eliminate costly scaffolding and staging time as well as minimizing worker exposure to injury by controlling the cleaning from **outside** the boiler. At even the largest outages — with several contractors from numerous trades — the Vadakin team is pointed out by our customer's safety personnel and third party specialists as exemplifying **how safety should be conducted.**

Smart

Applied High Energy Cleaning is a Vadakin concept. Our equipment is proprietary and innovative. We engineer, fabricate, and maintain our equipment in-house. We developed and patented our automated equipment. These are the very reasons Vadakin is **the leader in automated boiler cleaning.**

Sound

Vadakin, Inc. was incorporated in **1959** and has been in the fireside boiler cleaning business ever since. The three Vadakin, Inc. owners have a collective experience of 75 years. Our field supervisors have over 25 years of experience each. Our crew is **well trained** on our own automated proprietary equipment and has an average experience rate unequaled by any competitor of the fireside boiler cleaning industry — as well as being AFL-CIO union affiliated.

Strategic

Fireside slag and ash deposits reduce boiler efficiency, causing load limitations and forced outages. In addition, large slag deposits produce safety hazards that prevent safe entry of personnel for boiler fireside inspection and repair. Boiler cleaning using our proprietary Applied High Energy Cleaning method is an alternative preferred by our customers to the more invasive sandblasting and dynamiting, while improving the economic performance of their plant at a very competitive price.

The Vadakin, Inc. customer maximizes effectiveness with the least time and toll on the plant's management, equipment and profits.

Superior Service

Before we take on even the simplest cleaning project, we submit a plan outlining the cleaning agenda. This plan indicates man-power, equipment use and time lines. The cleaning agenda becomes an integral guide at the work site that allows us to control time, quality and costs — as well as giving our customer's management the necessary information to know where the cleaning project stands, assuring desired results.





Sara J. Hooper

Sara J. Hooper joined the accounting department of Vadakin Inc. in 1990. Learning the business from the bottom up, Sara's confident, self-motivating work ethic and dedication to the company, staff and service quality led her to becoming the managing owner in 2001.

Recently approved as a member of the Women's Business Enterprise National Council, Sara continues to lead her company to new heights, embracing traditional values and new technologies to provide the best boiler cleaning services in America.



"We understand the complexity and volume of work detail our customer's plant representatives encounter during scheduled and unscheduled maintenance outages. Our goal is to complement our customer's workload with knowledgeable, conscientious employees who implement well-prepared and thorough boiler cleaning plans and utilize safe, reliable boiler cleaning equipment."

Sara Hooper



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