



HotworkTM

SERVICING
THE WORLD of
**REFRACTORY
HEATUP &
DRYOUT**

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HotworkTM





World **Leaders** in Refractory Heatup & Dryout

Established in 1965

Hotwork is the leading provider of refractory dryout services to all refractory consuming industries. Initially operating as a licensee of the original Hotwork company founded by Trevor Ward in Dewsbury, West Yorkshire, UK, Hotwork continues to introduce innovative technologies and expand service offerings throughout the world.

Hotwork has completed more than 20,000 projects across the globe. With more than 400 sets of portable combustion equipment and personnel strategically located throughout the world, we are the largest and most experience company in our field. Over the past 50 years, Hotwork's reach has expanded considerably beyond its original North and South America license region. Today, our corporate headquarters are located in Lexington, Kentucky, USA with a subsidiary in Sydney Australia.

“We are the largest and most experienced dryout company in the world.”

Valuable Expertise

We pride ourselves on our extensive knowledge of our customer's production processes and refractories. In today's world, refractories have evolved into complex systems utilizing multiple formulations or types in order to combat the rigors of production. In most cases, refractory dryout is not considered when designing a facility or a refractory lining. As a result, the dryout of a new refractory lining can pose many challenges that should be addressed by an experienced company with experienced personnel.

Over our 50-plus -year history, Hotwork has been exposed to all types of processes, units and refractories. There are very few things we have not seen. Our technicians and management personnel are solution-oriented and know what it takes to get the job done safely and correctly. Most Hotwork technicians perform an average of 30-40 dryout projects per year. Hotwork's extensive new-hire training program gives our personnel the tools they need to deliver our highly technical service to customers. Knowledge and expertise are a cornerstone to Hotwork's long-running success and will continue to be for years to come.



Complex Projects

- Simultaneous heatup of 80 non-recovery coke ovens (80 burners)
- Refractory dryout of alumina calciners (17 burners)
- Refractory dryout of fluid catalytic cracking unit (FCCU) (20 burners)
- Refractory dryout of flexicoker (26 burners)
- Refractory dryout of world's largest rotary hearth furnace (34 burners)
- Refractory dryout of entire cement plant (32 burners)
- Heatup of 30m diameter submerged arc furnace (14 burners)

Exceptional Services & Equipment

Hotwork's unique high velocity heating system creates optimal conditions for proper refractory dryout. The convective heating action provided by Hotwork's equipment reduces the chances of damage during dryout, maximizes refractory properties and provides the best chance for improved longevity and performance. There are multiple factors that determine the campaign life of a unit's refractory lining, and conducting a proper dryout is one factor.

In addition to providing dryout, heatup and hold hot services, Hotwork offers other specialized services to furnace operators including furnace draining, post weld heat treating, coating cures, sulfate burnout, expansion control supervision and frozen metal melt out.

