

SERVICING
THE WORLD of
IRON and STEEL

HotworkTM



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 **Hotwork**TM
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World **Leaders** in Iron and Steel

Since 1965

Hotwork has provided refractory dryout and heatup expertise to a multitude of industries. With over 20,000 projects completed to date, we are the largest and most experienced dryout company in the world.

Our equipment and personnel are strategically placed around the globe allowing us to respond to customer's needs no matter the location. Our field personnel are backed by a management team with an average experience of over 25 years. But we are more than experience. Hotwork prides itself on being a solution-oriented company utilizing cutting edge technology to deliver the best possible service.



Melt-Out of Frozen Torpedo Cars

The lifeblood of the mill, torpedo cars are critical to smooth operation. From time-to-time hiccups in production can result in a frozen torpedo car. When this happens, Hotwork will bring in specialized equipment to melt the iron out of the frozen car without damaging the refractory lining. Typically, a fully frozen car can be melted out in 3-5 days.

Reheat Furnaces

Reheat furnaces come in a variety of designs: pusher furnaces, walking-beam furnaces and rotary hearth furnaces. Each comes with its own intricacies with regard to refractory dryout and operation. At Hotwork, we are very familiar with these challenges and take the necessary steps to insure this equipment is dried out properly. We turn the furnace back over to our customer hot and ready to produce!



Coke Ovens

Hotwork patented accelerated heatup of coke ovens in the early 1990s. Today, our 120-hour heating schedule is the industry standard for through-wall repairs. Hotwork has also provided accelerated heating services for non-recovery coke ovens, heating them from ambient to over 2000°F in under 15 days.

Blast Furnace Services

Since 1972 Hotwork has serviced blast furnaces throughout the world. Our unique burner system provides optimal conditions to properly dry refractories located in the following areas of the blast furnace:

- Blast Furnace Proper
- Bustle Pipe
- Hot Blast Main
- Casthouse Troughs and Runners

Blast Furnace Stoves

Blast furnace stoves are one of the most critical and sensitive components of an integrated steel mill. Silica stoves in particular require special consideration when being heated or cooled. Hotwork's experienced personnel are well versed in the challenges associated with heating or cooling stoves; we've heated hundreds. Whether a traditional stove with an internal burner or today's more modern external combustion chamber stoves, we know how to heat them properly.



“We turn the furnace back over to our customer hot and **ready to produce!**”

