



Furnace services for your hot dip galvanizing, forging, rolling or heat treat plant

Benefit from our extensive experience in supplying and servicing hundreds of furnaces and completing numerous service visits each year to increase your furnace productivity, efficiency, and reliability.

Feeling the Heat?

CIC Pittsburgh can service your Industrial Furnace.

With hundreds of our own installed furnaces, plus countless other furnaces we have worked on, CIC Pittsburgh has the expertise to enhance your furnace performance and reliability. Whether supplied by CIC Pittsburgh or another OEM, we have the service capabilities to support your needs and to ensure you can keep your furnace running optimally.

Customer benefits

Services for CIC Pittsburgh furnaces and other OEM furnaces too



Combustion tuning for enhanced productivity and energy efficiency



Reduced operating and maintenance costs from our innovative designs



Optimization of combustion system and controls for your specific process



Reliability and operational ease through our proven technologies

Added value

Lifecycle services for CIC Pittsburgh and other OEM furnaces



Extensive expertise

As a leading original equipment manufacturer (OEM), CIC Pittsburgh has accumulated experience working on a vast array of industrial furnaces covering a wide range of processes and applications. These include hot dip galvanizing, forging, rolling, and heat treating,

in addition to scrap melting, ore refining, and ladle heating. This experience positions CIC Pittsburgh to provide lifecycle services for industrial furnaces of any OEM brand, size, and process.

CIC Pittsburgh delivers high value to operations in ways that other OEMs do not:

- Responsive and timely service scheduling
- Ability to work on any furnace combustion and control system
- Hands-on/follow-along instruction and training for maintenance personnel
- Innovative solutions for your specific challenges



What Customers are Saying

"Thank you for providing very high quality and professional service support in your efforts on Furnace 6. I knew there would be significant challenges in this effort. We were especially impressed with your knowledge and skills applicable to our burner systems, without having been exposed to them previously. The report is well written and comprehensive. We have a new level of confidence in CIC Pittsburgh's ability to provide quality service support for our furnace burner systems."

Dan H., Manager of Engineering



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Customer story

Restoring a Forge Furnace's Productivity

A midwestern forging operation had purchased a rotary hearth furnace to feed hot metal to one of its forge presses from another OEM. Over the years of operation, the furnace never achieved its design productivity, and worse, the furnace would not seal, causing it to burn itself up, leading to an eventual decision to run the furnace as a fixed hearth batch unit. The recuperator, intended to recover waste heat, had been replaced several times and was prone to perpetual failure.



In 2020, CIC Pittsburgh was contracted to investigate the furnace issues and develop lasting solutions that would restore the furnace to its original design productivity. We recognized and remediated issues with the furnace seal system, replaced the recuperator and added an eductor to help with furnace draft, and upgraded furnace pressure control. We worked with a refractory installer to redesign the hearth, hearth curbs, door jams, and lintel.

Once the outage was finished, the furnace was finally able to meet the maximum production requirements. Two years later, the furnace continues to operate with the seals and recuperator all still intact and functioning properly.

A full furnace services portfolio

Industrial furnace services

From single inspection to full upgrades, our team of experts is ready to serve your furnace needs.



Advanced controls and monitoring capabilities

Reduce your operation and maintenance costs with our control system, complete with remote monitoring functionality.

Replacement solutions

For CIC Pittsburgh and other OEM furnaces, replacement solutions offer a way to minimize outage time by replacing instead of repairing.



Kettle changes

We assist kettle changes and utilize the downtime to upgrade the structure, lining, and combustion and control systems for lasting benefits.

Field services, repairs, and maintenance

Expert field service technicians offer the technical know-how and experience to deliver the outcomes you need.



Furnace parts

Reduce downtime and extend your furnace's life with access to the furnace parts you need. We can help develop a recommended parts list that meets your needs.

Outage services

Whether planned or unplanned down time, your next outage could be your most important one. It's critical to get it right the first time.

