



Sigma Thermal Fired Heater Service

Sigma Thermal specializes in the optimization of your fired heater to ensure your plant operates at its maximum potential.

Services and solutions are available to improve your efficiency and increase your up time. An experienced service technician from Sigma Thermal can make all the difference in the continued reliability of your heating system.



System Analysis

Sigma Thermal Engineers and Technicians are heat energy management experts. In addition to optimizing new heating systems, we provide energy efficiency audits for existing systems.

- » Waste heat energy potential
- » Infrared casing scans
- » Ultrasonic thickness testing
- » Electrical systems inspection
- » Full service report with performance data and recommendations

Service

The Sigma Thermal service department can assist you with the following services:

- » Comprehensive system inspection to identify areas of concern
- » Verification of safety and limit devices for proper operation
- » Burner tuning for optimum efficiency and lowest potential emissions
- » Control loop optimization for improved process temperature control
- » Onsite training for operators and maintenance personnel
- » Critical spare parts inventory survey

Equipment

If the audit results in a recommendation for heat recovery equipment, replacement parts, or other upgrade, Sigma Thermal can provide that equipment.

- » Spare parts / reliability assurance components
- » Combustion air pre-heater or other waste heat recovery system
- » Control panel upgrades
- » New heaters

Service Plans

Long-term service plans are available to guarantee your system's performance year in and year out.

- » Scheduled system audits by a qualified Sigma Thermal technician
- » Locked rates on scheduled service for duration of the contract
- » Discounted pricing on components
- » Priority response





Sigma Thermal Parts

Having a single source of supply for all your heating system components will save you significant time and money.

Sigma Thermal is an OEM parts supplier for a broad range of specialty components:

- » Large inventory reduces delivery time
- » Continuously updated components and a tracking list of discontinued, modified, or crossover items guarantees your equipment to be current with the industry
- » Reference drawings, parts lists, manuals, and process diagrams for your Sigma Thermal system ensure correct replacement parts
- » Domestic and international shipping and packing capabilities
- » Capability to supply spare parts for systems originally built by other manufacturers
- » Knowledgeable engineering staff available to support customers at all times

- » Gauges
- » Valves
- » Burner Components
- » Burner Management System
- » Fuel Train Components
- » Electrical
- » Fabricated Components
- » Blowers
- » Ignition Systems
- » Insulation
- » BioMass Combustion Equipment
- » Grate bars
- » All Classifications
- » All Area Requirements

Customer Service

We know you can buy your parts from other suppliers, which is why our Parts and Service groups are designed to treat you like the important customer that you are, day in and day out. Our dedication to quality service continues long after you receive your Sigma Thermal System.

