



**REPAIRED. REPLACED. RELAX.**

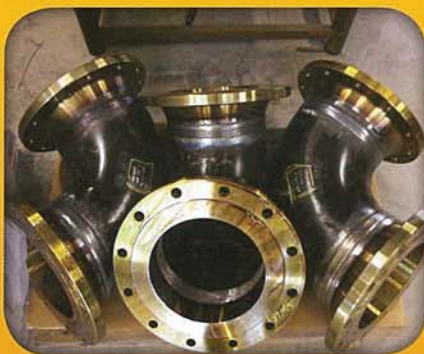
**FURNACE SPARE PARTS**



# WHEN THE HEAT IS ON...

*A key part unexpectedly fails, and process operations grind to a halt. Every minute of downtime costs money, so you need a replacement—fast.*

*You plan a revamp with a short turnaround schedule, and the clock is ticking. But critical components are still missing. You need them—now.*



## SPECIALIZED FURNACE SPARE PARTS

Need rapid response on parts and fittings for a tight turnaround? Facing an unplanned shutdown due to an energy excursion or weather damage?

You can count on OnQuest. We provide a complete catalog of high-quality spare parts for furnace repairs—including replacement parts that help improve efficiency and overall operating performance as part of a comprehensive revamp or rehabilitation. We offer:

- A complete range of **specialized furnace spare parts**, including fabricating to meet your specifications
- **Rapid, high-quality service**, with a dedicated customer representative assigned to your spare parts project
- Detailed knowledge of **technical design** for retrofits and revamps
- Expertise in **optimizing furnace and process operations** for improved performance

We place and fill orders accurately and quickly. Due to our longstanding relationships with suppliers in the industry, we can meet extremely tight deadlines, delivering parts anywhere in the world for installation during turnarounds or for emergency repairs. We can also source parts to meet specific requirements, using similar or upgraded materials as in your existing heaters.

On receiving your requisition, our engineers immediately review specifications, select the appropriate source, and/or provide informed recommendations on ways to expedite fabrication. We help optimize the installation of new parts and your process operation's performance. And our dedicated spare parts team follows your order every step of the way.

The part you need, at the speed you need it. Competitive prices. And quality service—from design to delivery.

OnQuest



# COUNT ON US.



## MANAGE EMERGENCIES – AND REVAMPS

OnQuest has performed furnace designs for the largest oil and petrochemical companies in the world, and we have some of the finest thermal transfer and combustion engineers in the world working on our clients' process designs. Our engineers have particular expertise in furnace retrofits, revamps, and rehabilitation projects, including during tight turnarounds and/or after an unexpected thermal excursion or weather event.

OnQuest provides full and partial assemblies of heater coils, including hairpin and candy-cane type coils. We also offer a complete array of related parts for furnace assemblies, including:

- Radiant and convection castings
- Dampers (guillotine, louver, stack)
- Tube couplings and fittings
- Tubes (bare and finned)
- Tube seals, sheets and supports
- Tube-skin thermocouples
- Pipe fittings, flanges and gaskets
- Observation doors

We are deeply familiar with API 530 and API 560 vertical-cylindrical, cabin, radiant and convection process furnaces. Our engineers have experience across all refining and petrochemical process applications, including distillation and fractionation columns; hydrotreating, ethylene, and fluidized catalytic cracking; hydrogen reforming, including for ammonia production; coking; continuous catalytic regeneration; and waste-heat recovery.

We furnish low-NOx and/or ultra-low-NOx burners to optimize efficiency and reduce emissions. We provide new burner management systems to improve safety and efficiency, and can repair, refurbish or completely replace your existing BMS or safety controls.

## NO TIME TO SPARE? CALL US.

To order spare parts or learn more about our capabilities, call Patti Gonzalez, Project Manager for Services & Spare Parts, at (626) 622-0541.



## SOLUTIONS FOR THE NEW WORLD OF ENERGY

Established in 2002, OnQuest, Inc. is an industry leader in process design and applied combustion technology for clients in the energy industry.

We specialize in design and engineering for mid-sized liquefied natural gas (LNG) plants, hydrocarbon reforming—including hydrogen, ammonia, methanol—and renewable energy production facilities such as biofuel and waste-to-energy plants.

OnQuest designs and delivers a full range of direct-fired heaters and related combustion technologies, including burner management systems, waste-heat recovery systems, NOx reduction technologies and thermal oxidizers. We are experts in furnace revamps and retrofits. We also support process facilities with a range of custom spare parts.

Based near Los Angeles, California, we have offices in Calgary, Alberta, and Houston, Texas, and have sales representatives worldwide.

OnQuest is a subsidiary of Primoris Services Corporation (NASDAQ: PRIM), one of the nation's largest specialty construction companies.



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