Replacement Parts for Burners, Flares and Thermal Oxidizers

Retrofit Parts and Service for the Refining and Petrochemical Industries

# All Your Aftermarket Parts and Service Needs in One Location

Spare and replacement parts are manufactured to original dimensions and tolerances.

Honeywell UOP Callidus provides full-service spare parts and retrofitting capabilities for our own equipment, as well as other manufacturers' equipment. We can replace existing components with our own parts or upgrade equipment to enhance performance. We offer a full line of parts and service for burners, flares and thermal oxidizers.

#### Flame Holders

Flame holders of various shapes are available to accommodate all burner technologies. Parts are typically investment cast from stainless steel, and can be made to best suit your application.





## Tips

We can provide replacement gas tips to fit any size or brand burner on the market. Our "bullet" tip design improves reliability by reducing the potential for coking in the gas tip.





#### Tiles

Our burner tiles can match any burner on the market, including tiles for both gas and oil firing burners, to meet your unique requirements.







# **Pilots and Ignitors**

Our pilots are designed with performance and safety in mind. They can be custom designed to fit any make or model burner.





# Controls

Whether you need flame monitoring devices, ignition transformers, cables, or BMS components, we have you covered.





#### **Radiant Wall Burners**

Available in both standard and low emission models, our radiant wall burners are made of investment cast stainless steel and designed for longer service life. Entire burner assemblies and individual components are available.





Experienced combustion engineers design for proper operation regardless of the combustion system's manufacturer.

# **Engineering Services**

Are you changing fuel gas compositions and wondering whether your burners can handle the change? Are you upgrading the unit and are unsure about what equipment changes need to be made? Our in-house engineering team can provide assistance and recommendations for retrofits, gas conversions, upgrades or re-rating of the current system.

Turnaround Inspections and Assistance

Have you ever been half way through a

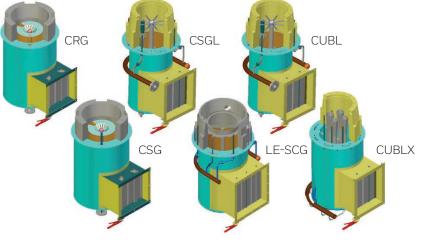
turnaround when you realized that you didn't

have the parts you needed? Avoid that in the
future by letting us assist you with your next

turnaround. We'll inspect your combustion
equipment and make recommendations for
improvement.

And because we inspect before your turnaround, we can expedite shipment of any required parts to ensure you have the parts when you need them.





# Parts & service available for all Honeywell UOP Callidus burner technologies

#### **Inventory Reorganization and Analysis**

Good inventory management is key to an efficient operation. With an in-depth parts analysis, we can help you determine what replacement parts you should have in inventory, prepare a recommended spare parts list for your Honeywell UOP Callidus equipment, and inspect your inventory to separate usable and obsolete parts.

#### **Operator Training**

Because we have furnaces of our own, we know that proper operation of the equipment helps increase the lifespan of the components.

To help increase awareness in proper operation, we offer a Combustion School at our research and development center each year. For individual learning, a technician can come to your site and work with you directly on your equipment.



Need to replace a pilot? Ask about the Honeywell UOP Callidus Scepter pilot, the newest innovation in pilot technology. Designed to handle the most extreme conditions, it will even spark under water! Also available as a portable ignitor.



Honeywell UOP Callidus headquarters -Tulsa, Oklahoma. USA

# **Global Coverage**

Honeywell UOP Callidus reaches the global market through our headquarters located in Tulsa, Oklahoma, USA, with regional direct sales offices and independent sales representation around the world. Meeting our customers' expectations and setting the standards for the combustion industry have always been our goals. Each burner, flare, thermal oxidizer and catalyst system we design and manufacture is built withthose goals in mind.



Honeywell UOP Callidus' R&D and Test Center in China

# **Test Facility**

Honeywell UOP Callidus' test facilities in the U.S. and China are used for combustion technology research and development, as well as for customer demonstrations. Our array of test systems allow us to closely match actual field operating conditions, providing results that will more accurately predict actual measured performance.



Honeywell UOP Callidus' R&D and Test Center in China

# In Addition to Replacement Parts and Service, Honeywell UOP Callidus Offers:

- Ultra-low NO<sub>x</sub> burners
- Flares, flare systems and flare gas recovery systems
- Thermal oxidizer systems
- Field services and parts
- CFD Modeling
- Training and schools

### ISO 9001:2008 Certification







China Certification

High-Performance Combustion Solutions Service — Parts — Installation

# Contact us-we're here to help.

### CallidusHelp@Honeywell.com

#### For more information

For more information, please visit www.callidus.com to find a local sales representative

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