

CORPORATE

25920 Eden Landing Road
Hayward, CA 94545

510.784.0110

FRESNO

88 N. Hughes Avenue
Fresno, CA 93706

559.498.6949

LAS VEGAS

3111 S. Valley View Blvd., Ste. E120
Las Vegas, NV 89102

702.220.6680

LOS ANGELES

578 Explorer Street
Brea, CA 92821

714.257.0900

MODESTO

1549 Cummins Drive
Modesto, CA 95358

209.576.0726

RENO

1430 Greg Street, Suite 503
Sparks, NV 89431

775.356.0300

SAN DIEGO

14781 Pomerado Road
PMB 184

Poway, CA 92064

858.538.5877

Concept, Design, Maintenance

BOILER SERVICE

- ASME and National Board Certified Welding
- Factory Trained Technicians
- Field Service, Troubleshooting, Diagnosis and Repair
- Installations
- Preventive Maintenance Programs
- Training Seminars



INSTRUMENTATION AND CONTROLS GROUP

- Building Management System Interface
- Combustion Control Upgrades
- Continuous Emissions Monitoring
- Oxygen Trim Systems
- Supervisory Control and Data Acquisition



FABRICATED SYSTEMS

- Condensate Systems
- Custom Design
- Fast Turnaround
- Hot Water and Steam Boiler Skids
- In-House Design / Build Team
- Single Points of Connection
- Pumps, Heat Exchangers and More



24-HOUR EMERGENCY REPAIR SERVICE

www.rfmacdonald.com



VISION To provide a superior workplace environment, that attracts and retains the best employees in the industry, fostering an attitude that provides our customers with the most innovative, responsive and results oriented effort possible.

SOLUTIONS Boiler Division

line card

BOILERS | PUMPS | SYSTEMS | SERVICE | PARTS



R.F. MacDonald Co.

your boiler & pump solutions team

~ since 1956

YOUR PREMIER SUPPLIER OF BOILERS, PARTS, SERVICE AND FABRICATED SYSTEMS

For half a century, R.F. MacDonald Co. has been in the business of supplying and servicing boilers, pumps, and flow meters to industrial and commercial customers in California and Nevada. We represent over 35 of the highest quality equipment manufacturers in the industry to ensure we apply the right product for your application.

Our experienced technical sales staff will carefully evaluate your hot water and steam boiler needs and provide custom equipment solutions with reliability and process improvement in mind. For your convenience we maintain sales and service offices in seven strategic locations; Brea, Fresno, Hayward, Las Vegas, Modesto, Reno, and San Diego.

We believe in servicing what we sell, 24 hours a day, 7 days a week. With 90 service trucks on the road, we provide full field service capabilities in all locations. Our factory trained and certified technicians repair all makes and models of boilers. As a condition of continued employment with us they are all required to complete ASHA & MSHA state and federal safety training programs. All of that is completed before we send them out to your facility for service or repair. Our field services include troubleshooting, repair, certified welding, operator training, and installation.

Our huge boiler and boiler parts inventory combined with our multiple locations ensures fast and reliable service anytime day or night. Boilers are also available for temporary requirements.

We also provide in-house fabrication services for assembling boiler packages and custom systems into pre-piped and wired skids, simplifying field installation requirements.

We would be honored to serve your needs.

BOILERS



- Condensate Return and Boiler Feed Systems
- High and Low Pressure Steam Boilers
- Inclined Watertube Boilers
- Unfired Steam Boilers



- Gas-Fired Conical Copper Fin Water Heaters
- Indirect Storage Water Heaters
- Mini-Package, Semi-Instantaneous Indirect Heaters
- Storage Tanks



- Blowdown Systems
- Boiler Controls
- Chemical Feed Systems
- Commercial Watertube Boilers
- Deaerators
- Condensing Boilers
- Economizers
- Feedwater Systems
- Firetube Boilers
- Industrial Watertube Boilers
- Softener Systems



- Air-Preheaters
- Air to Fluid Heat Recovery Equipment
- By-Pass Systems
- Ductwork
- Heat Recovery Steam Generators (HRSG)
- Superheaters, Economizers



- Boiler Feed and Blowdown Systems
- Electric Boilers
- Low Emissions Burners
- Packaged Boiler Systems
- Pulse Combustion Boilers
- Thermal Fluid Heaters
- Thermal Fluid Skid Systems
- Vertical Tubeless Boilers



- Copper Tube Boilers for Hydronic Heating and Hot Water Supply



- Industrial Watertube Boilers "A" Type, "O" Type and "D" Type up to 300,000 lb/hr Packaged Boiler Systems



- Firetube
- Watertube
- Ultra Low NO_x (<9 PPM)

BOILER ACCESSORIES



- Fully Packaged Liquid Pressure Stabilization Systems
- LPG Vapor Oil Demister
- LPG Vaporizers and Mixers
- Process Gas Calorimeter



- Boiler Feedwater Pre-Heaters and Economizers
- Vent Condensers
- Waste Heat Recovery Equipment



- Chemical Feed Metering Pumps
- Surface Blowdown Control Systems



- Centrifugal and Turbine Pumps
- Condensate Systems
- Customer Feedwater Systems
- Deaerators
- Skid Packages
- Vacuum Condensate Systems

BURNERS



- New & Retrofit Packaged Ultra Low NO_x (<9, 12 or 15 PPM) Gas & Oil Combination Burners to 1.5 to 60 mmbh



- New and Retrofit Packaged Ultra Low NO_x (<20 PPM) and Standard Gas and Oil Burners for Firetube, Watertube and Firebox Boilers



- HRSO Duct Burners
- Process Heater Burners for Refineries and Petro-Chemical Plants
- Specialty Burners for Waste Fuels
- Ultra Low NO_x (<9 PPM) and Standard Gas and Oil Burners for Industrial Watertube and Firetube Boilers

HYDRONIC ACCESSORIES



- In-Line Circulators
- Multi-Stage In-Line Boiler Feed Pumps
- Stainless Steel Components
- Bladder & Expansion Tanks
- Air Separators
- Strainers
- Heat Exchangers
- Suction Guides
- Flex Connectors
- Balancing & Check Valves

INSTRUMENTS AND AUXILIARY EQUIPMENT



- Actuators and Draft Regulators
- Data Acquisition and Display Systems
- Multi-Functional Loop Controllers
- Pressure Sensing Instruments



- Pneumatic Control Valves
- Pressure/Temperature Gauges
- Process Controls
- Self-Operating Temperature Regulating Valves
- Thermometers

FABRICATED SYSTEMS



- Customized Skid Systems, Single Point of Connection
- Hydronic Packages
- Pumps, Heat Exchangers and More



- Combustion Control Upgrades
- Continuous Emissions Monitoring
- Oxygen Trim Systems
- Supervisory Control and Data Acquisition
- Water Level Controller
- Allen-Bradley™ Integrators
- Featuring ControlLogix™, CompactLogix™
- PanelView Plus™ and RSVIEW32™ Solutions for Boiler, HRSG and SCR Control
- Wonderware Interface to Moore 353 and A-B Processors

VENT SYSTEMS



- Hearth Venting Systems
- Venting Systems for all Industrial/Commercial Category 1 Appliances



- Generator Exhaust Systems
- Grease Ducts
- Incinerator Exhaust Systems
- Positive Pressure Chimney Vents
- Refractory Lined Chimneys

POST COMBUSTION EMISSION CONTROL SYSTEMS



- SCR and CO Catalyst Systems for Ultra-Low emission performance



- High & Low Temperature Catalyst Manufacturer



- Ammonia Vaporization Systems