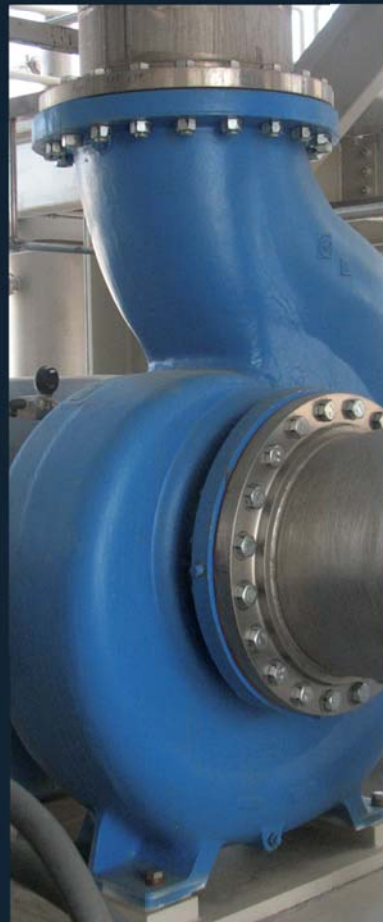


SOLUTIONS

Customer Satisfaction

corporate capabilities



BOILERS | PUMPS | SYSTEMS | SERVICE | PARTS



R.F. MacDonald Co.

your boiler & pump solutions team

~ since 1956



R.F. MacDonald Co.

your boiler & pump solutions team
~ since 1956



"TOO OFTEN I FORGET HOW MUCH SUPPORT AND COOPERATION IT TAKES TO RUN A SMOOTH OPERATION. THIS TIME, HOWEVER, I WANT TO TRULY RECOGNIZE HOW MUCH I APPRECIATE EVERYONE'S INVOLVEMENT IN RESTORING THE PLANT TO NORMAL OPERATION."

CALIFORNIA CITRUS PRODUCERS, INC



"I RECEIVED THE PUMP YESTERDAY AND I ABSOLUTELY LOVE IT. YOU, YOUR COMPANY AND R.F. MacDonald HAVE GONE ABOVE AND BEYOND AND I AM TRULY GRATEFUL."

CHEM-ASSIST INC.



"THANK YOU FOR A JOB WELL DONE! THIS IS TO SHOW OUR APPRECIATION FOR THE SPECIAL EFFORT YOU PUT FORTH ON THE LONG BEACH BOILER PLANT PROJECT. YOUR POSITIVE ATTITUDE AND DETERMINATION ARE AN EXAMPLE TO ALL."

BOEING

COMPANY HISTORY



1956

- ◆ Founded by Bob MacDonald as a representative of Cleaver-Brooks boilers
- ◆ Operations started in San Francisco
- ◆ Notable project: Harrah's Casino, Lake Tahoe

1960s

- ◆ Blackmer pump representative
- ◆ 12 employees
- ◆ Notable projects: Complete boiler room installation at an LA water treatment plant and at US Steel Company

1970s

- ◆ Sales of \$1 million by 1979
- ◆ 18 employees
- ◆ Notable projects: Sold Genetech their first boiler and sold our first low NOx burner on a Cleaver-Brooks Industrial Water Tube to IBM

1980s

- ◆ Offices opened in Reno and Modesto
- ◆ 63 employees
- ◆ Began offering prefabricated systems
- ◆ Notable projects: Pressure vessel repair work for VSI (later AMPCO) and boiler for Barrick Gold Mine in NV

Welcome to R.F. MacDonald Co.

Comprehensive Solutions for the Life of Your Boiler and Pump Systems

R.F. MacDonald Co. has built a longstanding reputation as a leader in the supply and service of boilers, pumps and accessories for industrial and commercial customers. R.F. MacDonald Co. has developed one of the most comprehensive service and support networks in the industry, serving California and Nevada for over 50 years.



Today, R.F. MacDonald Co. offers a comprehensive set of products and services that is unique in the industry. Company value comes in many forms—engineering and design support, full service capability, broad product coverage for total boiler and pump support, complete project solutions and helping customer's meet today's tough environmental regulations.

By representing many of the industry's leading equipment manufacturers, we provide the best solution for each of our customer's needs. Using our extensive experience and expertise in engineering design and fabrication, we build complete boiler and pump systems from the ground up. And our highly trained service personnel deliver professional and responsive services—from installation, commissioning and training, to routine maintenance and repairs.

Our success comes from our values and commitment to building strong relationships with customers, employees, and manufacturers. We start with the belief that our employees make us who we are. R.F. MacDonald Co. provides a superior workplace environment that attracts and retains the best employees in the indus-

try. We foster an attitude to provide customers with the most innovative, responsive and results oriented effort possible.

We have solutions for the diverse industries in California and Nevada including biotechnology, food and beverage, hotel and shopping centers, medical, schools, petroleum, paper, mining, textile and water treatment plants.

Our customers are served by 200 employees at eight locations strategically located to service all of California and Western Nevada. Put our extensive experience and expertise to work for you to maximize the performance of your boiler and pump systems.



1990s

- ◆ Sales soar from \$10 million in 1990 to \$38 million in 1999
- ◆ 125 employees
- ◆ Representative for Seepex, Ingersoll-Rand, and Goulds Pumps
- ◆ Moved Northern California office to Hayward
- ◆ Offices opened in Fresno, Los Angeles, Las Vegas and San Diego
- ◆ Notable project: Multiple Pump sales to Bechtel for oil clean up in Kuwait after the Gulf War

2000s

- ◆ Established pump training classes, attended by over 600 customers
- ◆ Established an Executive Management Team for internal operations
- ◆ Sales of \$50 million by 2005
- ◆ Celebrated 50th anniversary in 2006
- ◆ 200 employees
- ◆ Representative for Camus Boiler
- ◆ Notable projects: Expanded projects in hospital seismic retrofits, SCR systems, wineries and food processing plants

2010s

- ◆ Expanded Los Angeles operations with move to Santa Fe Springs
- ◆ Office opened in Rohnert Park
- ◆ Established Pump Business Unit in Southern California
- ◆ Initiated Clear the Air program for California Regulatory Compliance

BOILERS

ULTRA LOW NOX SOLUTIONS

Helping You Meet Environmental Demands

We know customers strive to operate an efficient and reliable boiler plant that conserves energy and protects the environment while providing safe operation. We can help you meet those demands. R.F. MacDonald Co. continually reviews and evolves its product offering to integrate with facility and process systems, meet environmental demands, and achieve higher efficiencies.

Since 1978, we have installed and serviced hundreds of boilers and burners for the purpose of reducing NOx emissions to levels guaranteed to meet local and federal air quality requirements. Our systems have never failed an air quality source test.

ENERGY EFFICIENCY

Reducing Your Carbon Footprint with SCR

Our company has also helped many customers meet long-term emission objectives with Selective Catalytic Reduction (SCR) units. Providing accurate and reliable sales, installation and support for these complex units allows our customers to achieve low emissions and high efficiency far into their future with their SCR equipment.



"THANKS FOR UNDERSTANDING THE IMPORTANCE OF ZERO DOWNTIME DURING THIS PROJECT. THE TWO-STAGE INSTALLATION OF OUR NEW BURNERS MINIMIZED THE IMPACT ON THE HOSPITAL."

UC DAVIS MEDICAL CENTER

BOILERS, PARTS and ACCESSORIES

Single-Source Supplier for All Your Needs

R.F. MacDonald Co. has selected the best manufacturers of boilers, parts and related accessories to represent. This comprehensive product line ensures we apply the best solution for your needs. With 50+ years in the business, we enjoy long-term relationships with many of the manufacturers we represent, and pride ourselves on our expertise with their products and services.

CUSTOM SOLUTIONS and FABRICATION

Leverage Our Technical Expertise

R.F. MacDonald Co. understands the technical needs of customers and provides everything from engineering design and fabrication to service, parts and repair. As a licensed contractor in California and Nevada, we provide upgrade and renovation of existing systems, as well as complete systems from the ground up. Our experienced technical sales staff will carefully evaluate your needs and provide custom equipment solutions with reliability and process improvement in mind. Our in-house engineers design and fabricate the system specifically for your needs. We pre-package boiler systems that simplify installation requirements and reduce field labor cost and construction lead time.

BOILER SERVICE and MAINTENANCE

Protect Your Boiler Room

Factory trained and certified technicians perform installations, preventive maintenance, troubleshooting, diagnostics and repair on all products we sell. We offer both in-house and field repair services 24 hours a day, 7 days a week, 365 days a year.

R.F. MacDonald Co. preventive maintenance programs are designed to keep your boiler room operating at peak efficiency. Our Assured Efficiency Program (AEP), provides periodic inspections and service to minimize down time and maximize efficiency with a parts discount for all covered equipment.

General engineering contractors' license (A-1) and boilers, water heating, and steam fitting classification (California C-4/Nevada C1a) and holders of ASME "S" and "U" stamps and National Board Certified with the "R" stamp for pressure vessel repairs.





INSTRUMENTATION and CONTROLS

In order to reduce fuel costs, provide better control of system processes, and conserve manpower, boilers are increasingly including components of integrated systems. Remote communications links, automatic temperature control, and energy management system interfaces are commonly utilized. As a result, many of our sales and service personnel specialize in this area to ensure that we properly serve our customers needs as we continue to keep pace with technological advancements in our industry. We offer complete field calibration services and custom control systems for all equipment in the boiler room.

RENTAL and MOBILE BOILERS

If your operation cannot handle down-time, if you have a planned off-line maintenance event or if you need extra capacity for a short period of time one of our Rental Boilers or Mobile Boiler Rooms is your answer. Our fleet of transportable equipment includes steam and hot water boilers, deaerators, feed systems and the ancillary equipment to keep you running or get you back on-line as quickly as possible. All equipment is thoroughly checked, tested and equipped to meet California and Nevada boiler and pressure vessel safety requirements. In addition, our fleet has the latest Ultra Low NOx burners available to meet even the most stringent air quality emission standards.



PUMPS

R.F. MacDonald Co. services and repairs all types of centrifugal and positive displacement pumps. We also repair other rotating equipment such as gear boxes, vacuum pumps, fans, motors and blowers.

Our experienced technical sales staff will carefully evaluate your fluid pumping needs and provide custom equipment solutions with reliability and process improvement the goal. For your convenience we maintain sales and service offices in a number of strategic locations.

We believe in servicing what we sell, 24 hours a day, 7 days a week. With a fleet of 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 pumps. Our field services include troubleshooting, repair, installation, laser alignment and vibration analysis.

Our substantial pump parts inventory combined with our multiple locations ensures fast and reliable service anytime day or night. We also provide in-house fabrication services assembling custom, pre-wired and pre-piped pump skid packages that greatly simplifies field installation.



FULL COVERAGE FROM MULTIPLE OFFICES

Experience with Many Applications

Our excellent pump sales, service, parts and training is available throughout all of California with large regional facilities in both the North and South areas, as well as Western Nevada. We have offices in every large hub with expertise in wineries, food processing, industrial and commercial facilities.



"EVERYBODY THAT I INTER-
ACTED WITH WAS VERY PROFES-
SIONAL AND KNOWLEDGEABLE.
THIS WAS A SUPERB CREW AND
I WOULD GIVE YOU THE HIGHEST
RATING WITHOUT HESITATION."

FOLSOM PRISON

"WHAT I LIKED MOST ABOUT
THE TRAINING CLASS WERE THE
SECRETS OF THE TRADE FROM
THE INSTRUCTOR AND ALL THE
REAL WORLD EXPERIENCES THEY
SHARED WITH US"

TRAINING CLASS PARTICIPANT



PARTS

Ensuring Your Part Is There When You Need It

R.F. MacDonald Co. maintains over a million dollars in parts inventory at multiple locations to ensure fast reliable service when needed. We stock critical boiler and pump parts to keep our customers online in emergencies, with additional access to many other manufacturers' warehouses. The company also stocks previously owned and reconditioned boilers, pumps and accessory equipment available for immediate shipment.

TRAINING

Learn to Operate Your System Efficiently & Safely

For over 15 years, we have been offering comprehensive educational boiler and pump training classes to our industry. Courses include theory and hands-on training, and how to operate your equipment efficiently, reliably and safely. Many of our courses are approved by the CWEA and AFE and class hours can be credited towards continuing education requirements for re-certification. If you can't come to us, we'll come to your site with training sessions customized to meet your needs.

Our long-term employees provide expertise and training unmatched in the field. That experience translates into a company that's dedicated to delivering products and services to our customers that exceed their expectations in quality, delivery, performance and reliability.



CORPORATE

25920 Eden Landing Road
Hayward, CA 94545
510.784.0110

BAKERSFIELD

P.O. Box 71528
Bakersfield, CA 93387
661.363.6225

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

10261 Matern Place
Santa Fe Springs, CA 90670
714.257.0900

MODESTO

1549 Cummins Drive
Modesto, CA 95358
209.576.0726

RENO

8565 White Fir Street, unit B2
Reno, NV 89523
775.356.0300

SONOMA/NAPA

642 Martin Avenue, Suite B
Rohnert Park, CA 94928
707.586.9234

SAN DIEGO

P.O. Box 1867
Poway, CA 92074
858.538.5877

CONTRACTOR LICENSE

CA: #220117
NV: #0042816



www.RFMacDonald.com

Boiler and Pump Sales, Parts and Service

BOILER AND ULTRA LOW NO_x SOLUTIONS

- Firtube and Watertube
- Copper Fin
- Thermal Fluid
- Ultra Low NO_x Burners
- Combustion Control Upgrades
- Selective Catalytic Reduction Systems
- Rental and Mobile Boilers
- Regulatory Compliance Guidance



**"IN ADDITION TO LOWERING
NO_x LEVELS TO LESS THAN
10 PPM, THE NEW BOILERS**

PUMP SOLUTIONS

- Centrifugal
- Positive Displacement
- Instrumentation and Controls

OPERATED AT HIGH EFFICIENCIES

RESULTING IN FUEL SAVINGS."

WOODBIDGE WINERY

SERVICE AND SUPPORT

- ASME & National Board Certified Welding
- Field Service, Troubleshooting,
Diagnosis and Repair
- Installation
- Regulatory Compliance Testing
- Building Management System Interface
- Preventive Maintenance Programs
- Laser Alignment and Vibration Analysis
- In-House Machine and Milling
- Instrumentation and Control
- Fabricated Systems
- Training Courses and Workshops



**"THE PUMP YOU REPAIRED
IS BETTER THAN BRAND NEW
AND OUTPUTTING FAR MORE**

PRODUCT THAN I EVER

THOUGHT POSSIBLE."

FITZGERALD FORMLINERS

24-HOUR EMERGENCY REPAIR SERVICES

CALL THE NEAREST FACILITY

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.