

May 2015



The Nationwide Boiler STEANLINES

"Wowing" the Industry With Another World's Largest

Innovation is the process of translating an idea or invention into a good or service that creates value for which customers will pay. To be called an innovation, it must be replicable at an economic cost and must satisfy a specific need.

Nationwide Boiler has contributed many innovations to the rental boiler industry throughout the years. This includes the first 40,000 lb/hr high-pressure trailermounted boiler in 1982, the world's largest 120,000 lb/hr trailer-mounted boiler in 1993, 75,000 lb/hr trailer-mounted high-pressure superheat boilers in 1998, and the first 82,500 lb/hr or 99.9 MKB trailer-mounted boilers in 2004, just to name a few.

Our goal is to provide quality equipment and ease of logistics to our customers when a planned or unplanned outage arises. The specific need that we are targeting with our latest innovation is ease of delivery for our customers who have a high capacity requirement and superheat steam needs. The world's largest superheat mobile boiler, a custom built O type Babcock & Wilcox unit designed at 750 psig / 750F, is capable of producing 110,000 lb/hr of superheated steam at a pressure of 400-650 psig (when supplied with feedwater at a temperature of 227F). It is trailer-mounted for immediate shipment worldwide.

The ability to ship by truck instead of by rail is a great time-saving advantage, especially during the current railroad capacity challenges and shipping delays.

The boiler weighs 220,000 lbs and



measures over 97 ft long. Equipped with a low NOx burner, it is set to burn natural gas with future #2 oil capabilities.

Features of this packaged boiler include an EconoStak economizer for maximum efficiency, a fully metered cross limited control system with a VFD driven, 300 hp fan, and a burner management system that is SIL2 rated for assured safety measures. Nationwide's CataStak[™] SCR system can also be supplied for 5 ppm NOx requirements.

This boiler is a first of its kind, and is currently available for rental or for sale!





When a major victory or goal is reached, it is a cause to celebrate. Whether an announcement, small celebration, or a large pre-planned extravaganza, acknowledging accomplishments show employees that their hard work is appreciated.

This year Nationwide Boiler hit a milestone: 10 years without a lost time accident! This is a big accomplishment for any company, let alone an industrial machinery company. Nationwide has reached an EMR (experience modification rate) of 0.61, a benchmark measure which helps to facilitate the entry of our field service team into plants that require high standards in safety and compliance, prominently seen in refineries, chemical processing plants and government facilities.

Nationwide held a luncheon for all employees including an employee raffle where everyone was a winner! Prizes included Keurig coffee machines, Fitbits, Kindle Fire Tablets, and Lowe's and Target gift cards.

Holly Lepo was recognized at the luncheon as Nationwide Boiler's "Safety Queen". Holly has worked hard to instill a safe working mind-set in all employees, organizing a comprehensive safety training program and biweekly safety meetings for shop workers.

"I have received comments from a few people about how they can 'hear my voice' from the safety meetings, pressuring them to do something the right way when working on a task outside of the workplace. That is how I know first hand that these programs are working."





Mobile Boiler Rooms Fit the Bill

The simple act of listening to a customer and understanding their needs can result in customer satisfaction and a successful project overall. This was proven true in Nationwide's recent sale of five (5) 650 hp mobile boiler rooms to a Department of Energy (DOE) facility.

The project began with few details and a discovery process which allowed Nationwide Boiler to offer a variety of options for the customer to review and evaluate. After many discussions and a site visit with the local representative. Nationwide was able to gain a complete understanding of the project and offer a package that met all requirements. This included a modular self-contained design, user-friendly and industry standard controls, common leadlag control panel, dual fuel capabilities, a high degree of reliability, Boiler MACT emissions compliance, stringent DOE quality standards, ongoing serviceability, strong technician support, and competitive pricing. A big advantage to Nationwide was having the boilers in-stock and available to meet the customer's quick delivery, installation and start-up schedule.

A pre-delivery testing procedure was developed by Nationwide Boiler to ensure operational performance as well as familiarize the equipment with the customer. During this extensive pre-shipment test firing at the Fremont facility, full capability was exhibited and all safety devices were tested for reliability and emissions were recorded to ensure they satisfied local CO and NOx requirements.

Nationwide Boiler will be furnishing a laptop with support information, all operation & maintenance manuals, drawings, and control related procedures for on-site operators. The project is currently on schedule and the boilers are expected to be placed online by the end of this year.

Due to an immense amount of preparation, attention, and support, Nationwide Boiler successfully secured the project and is currently working hard to ensure another satisfied customer!



Continual Growth at Nationwide

Many people have noticed that a great amount of change has been taking place at Nationwide Boiler. Some of these changes include promotions, new hires, new products, and new opportunities. It is important to realize that the minute you're satisfied with where you are, you aren't there anymore. This is why at Nationwide Boiler we will always strive for change to foster growth and improvement throughout the company.

Nationwide is growing, both internally and remotely. A number of key people have recently joined the team to work in remote offices outside California, allowing of



David Duarte Andrew Horne Allison Day Jim Lieskovan Brett Barnes Sean McMenamin Kevin Fead Marcus Robinson Fernando Quiroz Perez Mario Landeros Jesus Martinez Mendez Eduardo Ortega Jim Barbeau Joe Skerl Cameron Darling Stacy Stemple

have experience and industry knowledge, but their personalities and commitment to their work align with Nationwide Boiler's values of integrity, dependability, and real customer service. In addition to hiring

people, we have restored our Nationwide Environmental Solutions business segment. We are working on another world's first, and have additional opportunities in the works that we will be announcing in the near future. It is a big year of change for Nationwide and company growth is underway. Stay tuned! Visit our You-Tube page and view latest video our to

changes

Boiler!

us to see more people in more areas, learn more about the more often. Not only do these people happening at Nationwide

CataStak[™] Website Launch Offers Information at Your Fingertips

Nationwide's CataStak™ SCR system is an extremely versatile solution. It can be applied to a number of demanding applications to decrease NOx emissions and meet stringent requirements seen all over the country today. With an ammoniafree option and vertical or horizontal configurations, the CataStak™ can be used with boilers, fired heaters, gas turbines, heat recovery steam generators, once through steam generators, and more.

To offer the most in depth information to potential CataStak[™] users, Nationwide Environmental Solutions has re-launched www.catastak.com. On this web-



site you will find educational information relating to emission reduction equipment and the different options available, as well as Nationwide's EconoStak economizer for added fuel efficiency and the E²Stak which provides emissions and efficiency upgrades

Visit www.catastak.com today for more information on emission reduction and efficiency enhancement equipment.

together in one package.

Exercise Your Mind Through Reading



Every morning I begin my day by taking the time to read the newspaper. Not only do I learn about daily happenings in the world, but it is a great way to stimulate my mind first thing in the

morning. With technology today, I think people forget the importance of constant stimulation of the brain, which can easily be done through reading books and articles of a diverse nature.

Steve Kerr, the Warriors head coach, has an eclectic reading list with stories that range from scientific to serious and to strange. This was one of his requests from the beginning of the season; to be updated with a reading list, or playbook, that has nothing to do with basketball.

Kerr's reading collection shapes the way he coaches and teaches him something new every day. Alternatively, it provides him with a work-life balance which can easily slip away with stressful jobs such as his own.

It is obvious that Kerr is doing something right, leading the team to a 16game improvement over last year. Kerr's thinking is one that is rare in the focused world of the NBA. He likes to remind his players that there's more to life than basketball.

That kind of thinking can be applied to everyone's daily activities. There is more to life than work, and more to life than whatever tough situation you may be succumbed to. In high times of stress, you must remember that there is more to life.

Reading will allow you to escape. It is a way to get away from your daily routine and learn about something new, what's going on in the world, or just let your imagination run wild. Remember - your brain is a muscle, and you need to exercise it regularly.

So what's on your reading list? Let me know - jshallcross@nationwideboiler. com.



Giving Back to the Community for 35 Years

35 years of giving back to the community by donating a record amount of \$60,000 to the Randy Rawson Scholarship fund, created by the ABMA to abet young college or trade school bound men and women who are interested in pursuing a career in engineering and the boiler industry.

Golfers enjoyed a practice round at the beautiful Poppy Hills Golf Course, and tournament play commenced once again at the renowned Pebble Beach Golf Links. Although the weather was



chilly and a short rain eloud plowed through, everyone involved was

INVENTORY SPOTLIGHT

COMING SOON! 1,000 HP, 290 psig Low NOx Mobile Boiler Room

NEW ON THE MARKET: 110,000 pph, 750 psig / 750°F Superheat Mobile Boiler

FOR SALE. Reconditioned 350 HP, 150 psig Cleaver-Brooks Firetube Boiler,

Mfg. 2006

New 180,000 pph, 400 psig Babcock & Wilcox Package Boiler (pictured above)

Reconditioned 200,000 pph, 1,000 psig (885 psi @ 750°F) Superheat Babcock & Wilcox Package Boiler, Mfg. 1996

New 200,000 pph, 750 psig / 750°F Superheat Babcock & Wilcox Package Boiler

This year Nationwide Boiler celebrated grateful to be playing at such a scenic course while supporting a great cause.

> Wednesday night was the traditional Clam Bake Buffet, while Thursday night was celebrated with a Mardi Gras themed awards banquet and reception hosting a live jazz band, \$1,000 card raffle, and live and silent auctions.

> Our success would not have been possible without the generous sponsorships, donations and support from our representatives, vendors, customers and friends. We can't thank you all enough for supporting our tournament for all of these years!

> Save the date and join us next year in Pebble Beach with lodging at The Inn at Spanish Bay, May 4-5, 2016!





ABCS, Inc. ABMA **AESYS** Technologies Aggreko Alzeta Corporation Babcock & Wilcox Bank of the West C&C Boiler California Boiler California Boiler Works California Steel Fab. Clark-Reliance Cleaver-Brooks Cole Industrial Cyr Engineering Del Monte Foods Eco, Inc. Faber Burner Fox Equipment Hayward Pipe & Supply Heat Transfer Specialists Industrial Exchange

JE Phillips Company Landstar-Inway Los Gatos Tomato McDermott-Costa Mega Trans Corp. Morello Metal Fab National Board NBW, Inc. NRG Energy Center NTFB Ponder Burner Power Flame, Inc. Power Mechanical Powerhouse Equipment **Robinson Fans** Strategic Contract Resources Superior Boiler Works Vector Systems Victory Energy Ware Wilkinson Companies Webster Engineering

Upcoming Events

Fuel Ethanol Workshop & Expo June 9 - 11, 2015

IDEA Annual Tradeshow June 28 - July 1, 2015

CIBO Industrial Emissions Conf. August 3 - 6, 2015

Power-Gen Natural Gas August 18 - 20, 2015



www.nationwideboiler.com

ADDRESS SERVICE REQUESTED

www.nationwideboiler.com / www.catastak.com 1720-064 (012) XA3 • 3361-722 (008) • 0017-064 (013) 42400 Christy Street • Fremont, California 94538-3141



PERMIT NO. 5623 SAN JOSE CA **DIA** JDA1204 20 PRE-SORTED STAND.



Winner Justin Hoose Receiving Crystal Award (bottom)