

## "WORLD TRAVELER" BOILERS TAKE FLIGHT



*70,000 pph trailer-mounted boiler being loaded into the Antonov AN124-100 at San Francisco International Airport*

**C**anada, Wales, China, Malaysia, Israel, Venezuela, Scotland, the Philippines, and now Australia can be added to the list of countries where many of Nationwide's boilers have traveled. Whether a boiler is needed domestically or abroad, Nationwide Boiler has been delivering quality boilers across the world by air, sea and land for over 40 years.

Most recently, we supplied a late model 70,000 pph trailer-mounted water-tube boiler to our East Coast Partner, Powerhouse Equipment & Engineering Company, for a sale to a ConocoPhillips LNG plant in Australia. Powerhouse

received an emergency order from the customer to supply two boilers for quick delivery to Darwin, Australia.

The total weight of Powerhouse's 75,000 pph skid-mounted boiler and the Nationwide 70,000 pph boiler was almost 200,000 lbs.

The boilers were loaded into the Antonov AN124-100, an aircraft originally designed for the Russian Air Force that boasts a load capacity of 330,000 lbs.

Delivery of the boilers took a total of three days, having to stop to refuel in Alaska, Russia and the Philippines. The boilers are planned to be in operation this month.

For additional photos of this amazing journey or to read the complete press release, log onto our web site at: [www.nationwideboiler.com](http://www.nationwideboiler.com).

### 29th ANNUAL CHARITY GOLF TOURNAMENT UPDATE

**N**ationwide Boiler's 29th Annual Charity Golf Tournament is scheduled for May 6-8th at the prestigious Pebble Beach Golf Course.

This year's program includes practice round of golf at Poppy Hills on Wednesday, May 6th followed by a welcome reception and "Clambake" feast on Wednesday evening. Thursday's activities begin with tournament golf at Pebble Beach (2010 US Open host), a post tournament reception, and an awards banquet being held at The Inn at Spanish Bay's famous St. Andrew's Ballroom. Lodging accommodations are also at The Inn at Spanish Bay, a five star resort overlooking the scenic Monterey coast.

As in past years, all funds raised from the event will be used to support Via Services, a non profit organization dedicated to enrich the lives of children and adults with disabilities.

The registration due date for the event has been extended. For more details log on to [www.nationwideboiler.com/golf/](http://www.nationwideboiler.com/golf/). There you will find the program and information on sponsorship and donation opportunities.

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## CONTROL LINE

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**D**uring a recent business trip, I stopped in at a local book store and picked up a copy of the #1 Wall Street Journal and #1 Business Week best seller, StrengthsFinder 2.0, by Tom Rath. I found this book to be a useful assessment tool used for defining and developing your strengths and talents, often overshadowed by our shortcomings which we are always willing to change.



*Jeff Shallcross, President*

The book includes an access code which is to be used in conjunction with the StrengthsFinder 2.0 web site. From there you complete a twenty minute assessment which guides you through a series of questions aimed to pinpoint who you are based on your attitude towards various situations. Once completed, you will be introduced to your top five strengths or themes, along with a detailed report of each theme. It includes a description of each theme, a discussion on what makes you stand out from others, ways to use your strengths to your advantage and a list of "ideas for actions".

I found the ideas for actions most useful. They incorporate your talents into real world situations to help you problem solve and continually improve your relationships, both personally and professionally. For example, one idea of action it suggested for me was to volunteer my analytical talents to others by helping those who have a difficult time bringing structure to their ideas. In this instance, my analytical strengths can be utilized to help those around me accomplish more.

Overall, I was quite impressed with how accurate the results of StrengthsFinder 2.0 were and I learned a few things about myself along the way. For instance, one of my themes included "responsibility". The book described that people in this theme are committed to stable values and ethical behavior. This includes honesty, loyalty and integrity (very similar to Nationwide's mantra of "...integrity, dependability, real customer service").

Now that I shared a few of my personal themes with you, I encourage you to get the book, complete the assessment, and discover your own top themes. Find out if you are an achiever, an activator, a maximiser, a futuristic, or even strategic. You will then be equipped with the tools you need to develop your skills even further, while also building your knowledge base about what type of person you are. Please visit [www.strengthsfinder.com](http://www.strengthsfinder.com) and give it a try. Let me know what you find out about yourself.

A handwritten signature in black ink, appearing to read "J. Shallcross".

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## INFORMATION LINE

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### NEW BLOG LAUNCHED TO INFORM & EDUCATE

**N**ationwide Boiler is now part of the "blogging phenomenon" with the launch of the company's new blog site, "Boiler Blog". This site provides product information, corporate news, maintenance tips and industry related news aimed towards plant managers, operators, vendors, suppliers, governmental agencies, and professional associations.

Check out the Boiler Blog today and let us know what you think!  
[www.nationwideboiler.com/wordpress/](http://www.nationwideboiler.com/wordpress/)



## SCR TEST RESULTS BEYOND DETECTION

When it comes to product performance and emissions testing, Nationwide Boiler's CataStak™ SCR System continues to achieve results that not only meet ultra low NOx guarantees, but exceed them.

Another success story to add to the list of "over-achievers" takes place in California's Central Valley and involves a major food manufacturer. The company contacted Nationwide Boiler to help meet future air quality emission limits of 5 ppm NOx for a firetube boiler.

The original equipment consisted of a 700 hp (29.3 MMBtu/hr) natural gas fired Cleaver-Brooks boiler, equipped with a low NOx burner utilizing flue gas recirculation (FGR). Nationwide Boiler's CataStak SCR System was guaranteed to operate at less than 5 ppm.

When testing was complete the unit was certified by a third party testing company to operate with less than 0.5 ppm NOx, CO emissions of 13.3 ppm and average ammonia slip of only 0.3 ppm. The low to high fire stack temperature operated between 330 F and 366 F.

Overall, reported NOx emission results were so low (zero), that they surpassed the minimum reportable detection limit of the emissions testing device used. The testing apparatus did not have the capabilities to report results that were at one time unable to be achieved, but are now becoming more common.

Today, the unit continues to meet its emission requirements with ease due to the reliability of the CataStak SCR System. Obtaining near zero NOx is no longer a fairy tale with Nationwide Boiler.



Retrofit of a 700 hp natural gas-fired Cleaver-Brooks firetube boiler with a CataStak SCR System. The unit was tested at less than 0.5 ppm NOx.

## ENVIRONMENTAL LINE

### STAYING INFORMED ON COMPLIANCE, HASSLE FREE

Keeping track of new emission rulings and compliance schedules can be a very arduous task. Larger facilities usually have an Environmental Engineer or Project Manager on site to ensure that the facility is always operating in compliance; however, it is usually part of the plant manager's duties for smaller facilities.

Here at Nationwide Boiler, we do our best to continually stay current with evolving local and regional air quality districts across

the nation. For rental equipment, it is critical that when it is delivered there will be no permitting issues involved, especially in the case of emergencies. For new equipment or equipment retrofits we must be certain that the solution we provide will be viable today and far into the future.

The following are resources and tools we use to stay connected with current compliance rules and regulations and energy efficiency programs. In addition, most local air quality boards have

subscription based services (email list servers and RSS feeds) you can sign-up to obtain free e-mail updates.

- EPA Air Trends Reports: [www.epa.gov/air/airtrends/](http://www.epa.gov/air/airtrends/)
- DOE Office of Energy Efficiency & Renewable Energy (EERE): [www.eere.energy.gov](http://www.eere.energy.gov).
- Energy Information Administration (EIA): [www.eia.doe.gov](http://www.eia.doe.gov).
- American Boilers Manufacturers Association (ABMA): [www.abma.com/](http://www.abma.com/)
- Council of Industrial Boiler Owners (CIBO): [www.cibo.org/](http://www.cibo.org/)

### RULE 4320 UPDATE Wait and Save!

The SJVAPCD's authority to construct deadline for units >20.0 MMBtu/hr is due July 1, 2009<sup>1</sup>. Why spend your compliance dollars now when you can wait until January 1, 2013 to submit your application with proven technology that will leave you in compliance far beyond existing deadlines? Choose a solution that will not only meet the 5 ppm NOx requirement, but will also exceed it! The CataStak SCR System will easily help you achieve less than 5 ppm at a lower cost compared to frequent burner retrofits. Call today to learn more about this proven, cost effective solution: 800-227-1966, or email [lday@nationwideboiler.com](mailto:lday@nationwideboiler.com).

<sup>1</sup>Consult the rule at [www.valleyair.org](http://www.valleyair.org) to see if this affects your operations.

## SAFETY MILESTONE ACHIEVED: 1,500 DAYS WITHOUT A LOSS TIME ACCIDENT

Nationwide Boiler's commitment to safety became a reality on March 17<sup>th</sup> when the milestone of 1,500 days without a loss time accident was achieved. That equals to more than four years, or 36,000 hours of safe practices, processes and operations.

Safety is an integral part of Nationwide's quality program and it is overseen by a six member team of employees who perform facility inspections and review employee suggestions. More importantly is the entire Nationwide Boiler team of employees (in the shop, in the field and in the office), who have accomplished this milestone by applying safe work processes and procedures during their day-to-day work activities.

For those in the shop who are consistently servicing and maintaining Nationwide's large boiler fleet, this means being proactive and not being afraid to ask questions when things are unclear or when one is unsure of how to do a particular task. Trying to figure out something along the way without the complete knowledge of all the details can lead to an unsafe work environment.

It also means maintaining a positive attitude about safety while on the job and passing that attitude on to other team members. Positive actions and positive thinking spreads quickly and is quite effortless. It is this kind of attitude that has also helped contribute to this important milestone.

Nationwide's approach to safety involves proactive programs and ongoing procedures and developmental training. These actions include the following:

- Safety orientations for new employees
- Ongoing training and safety certifications for shop employees
- Employee substance abuse testing
- Incentive programs for safety suggestions
- Implementation of safe work procedures in order to prevent accidents
- Emergency preparedness drills

In the past four years Nationwide has developed thirty-seven shop safety modules and six office safety modules. There are also forty-one internal and external inspection/permit programs. In addition, the shop incentive program has a 100% participation rate, while the office's rate is 99%.

Knowing, understanding and performing safely while working has been a top priority at Nationwide Boiler. Through the ongoing efforts of each employee, including their positive attitude and participation, all employees have gone home safely at the end of the day, every day. At Nationwide Boiler, we want to keep it that way.



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