



THE GRIME

Winter 2020 Newsletter

A Common Misconception: Recertification? Test? OR Repair?

By Bill Fogerty



When customers have an annual inspection scheduled for their safety valves, they will often hear from inspectors that they should have their valves serviced or “re-certified.” This isn’t uncommon to hear, as many well-meaning professionals within the industry reference “recertification, repair, and test,” this isn’t uncommon to hear when discussing valve maintenance. However, one of these words is a common misnomer: recertification.

You Cannot Re-certify a Used Valve, But You Can Test and Repair Recertification in reference to your valves is a misnomer because you cannot have a used valve re-certified. Instead, there are two services that you can request when you want to check the safety of your equipment or when preparing for your annual inspection appointment: testing and repair.

Testing a Valve You can have your valve tested by your valve service provider or company to ensure that your valve lifts properly and does not leak. Your valve lifting properly is especially crucial to the safety of your boiler room.

During the testing process, the valve repair technician will start by filling out a valve and test report to document necessary information, including previous repairs. Then, using a steam stand, they will test the valve’s lifts, looking for three consecutive lifts within a set pressure tolerance. To inspect the valve for leakage, they will drop the pressure down and bring it up to 90% of the set pressure, checking for leaks by passing a cold metal rod in front of the valve to look for condensation. Finally, the technician will complete all necessary paperwork and attach a test-only tag to the valve to indicate the date the valve was tested and by whom.

Repairing a Valve You can also have your valve repaired by a valve service provider or company to restore it to its original state. It is recommended that this process is done on a regular basis; however, the frequency of which is up to the owner.

During the repair process, the technician will fully disassemble the valve to perform an inspection, looking for pitting, corrosion, erosion, and other critical dimensions. The inspection of the valve is done to identify where it differs from the manufacturer’s original design. Once the inspection is complete, the technician will identify which parts can be repaired and which should be replaced. It’s then tested, via the process detailed in the previous section, before receiving a repair tag to signify it’s “like-new” condition.

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4 Things to Consider When Insulating a Boiler Room

By Duffy Dillon

If you were building a home, you would never consider going without insulation. It keeps your temperature regulated and ensures that your heat and air system doesn't work harder than it has to. The same general concept applies to your boiler room—you can go without it, but you shouldn't.

There are three main reasons to insulate your boiler room: personnel protection, cost savings, and comfort. Clearly, keeping your employees safe is your first priority, but making your boiler room more energy and cost-efficient will allow your business to see a payback within six to eight months. As a bonus, insulation keeps your boiler room at a more comfortable temperature, making it a better environment for those who spend time working near the equipment. To help you navigate your boiler room's insulation, here are four things to consider.

1. Insulation should be at least 6ft tall.

As we said, your first priority should be employee safety. Boiler rooms have several pieces of equipment that are extremely hot, and if an accident

were to occur, your employee could severely burn themselves. Please note that when insulating for personnel protection, your insulation should be at least six feet tall. This keeps your employees from injuring themselves if they were to step across, reach for, or touch a hot pipe, valve, or another piece of equipment.

2. A typical boiler room with complete insulation will pay you back in six to eight months.

When your boiler room is completely insulated, with all elements running properly, you can see a payback in as little as six months. This means that every vital piece in your boiler room must have the proper insulation: piping, valves, DA tanks, your boiler, etc. If you consider that your payback could be relatively quick, and you could potentially save a significant amount on energy costs while also keeping your employees safe and your boiler room more comfortable, insulation is a no-brainer.

3. When you wrap a boiler, it must be insulated on the ends and sides.

You will always insulate your boilers on the ends and sides. At WARE, we use two-inch-thick ROCKWOOL insulation, which keeps the heat in and the temperature down. We also put an aluminum skin on the boiler and then caulk the seams so that it's completely sealed. This process manages the temperature in a way that keeps the boiler from working harder than needed, as it's not losing heat out into the boiler room.

4. For areas you access frequently, removable insulation is available.

There may be areas you need to work on frequently, such as a valve or pipe. These elements will still need to be insulated, but you don't want it to be challenging to remove the insulation if you need to get to that area. Luckily, insulated removable covers are available to make this process simpler. With a removable cover, you can simply detach the cover, repair or check on what you need to, and then replace it. To see a visual representation of a flange-



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WARE's Corporate Office Finds a New Home

By Ritchie Ware



This year brought a unique set of challenges. But, above it all, WARE is thankful for the support we've received from our loyal customers and our dedicated team members. It's thanks to them that we can announce this fantastic news: WARE has moved into a new corporate office!

Coming at a time of significant growth and change, this move is an exciting step in WARE's history. We are thrilled to see where this expansion takes us. To give you an idea of how this move will affect us internally and externally, we are proud to share the details and benefits of our new corporate office. We hope that you can share in our excitement.

The New Corporate Office

Our corporate team has officially moved into 15,000 square-foot office space within our 55,000 square-foot facility. The facility will house our corporate team, BoilerWAREhouse.com inventory, and our valve shop, with room to grow.

Since the company's beginning in 1952, this is the fourth time WARE has expanded into a larger space—with our previous move being in 1982. With every next step in our growth, we are more and more grateful for the people who make this success possible. It's a true testament to our quality customer service and expansive product offerings. We are beyond proud that our customers can turn to us for boiler room training, parts, services, and rentals. You can find our new corporate office at 3401 Bashford Avenue Court, Louisville, Kentucky 40218.

With this addition, we now have three locations within three miles: our rental facility (which will remain at our previous site), state-of-the-art BoilerU training facility, and corporate office. This expansion in Louisville, Kentucky, also comes in tandem with growth in other parts of the country, as we have also expanded our rental division into Denison, Texas.

WARE has evolved throughout the years, always for the better, and we are dedicated to making each change beneficial to our patrons. As we expand throughout this new space, we are committed to increasing the cohesiveness of our company. By placing our corporate team all under one roof, we can continually improve our customer experience—finding new and efficient ways to offer everything they need to manage a safe and efficient boiler room.

Beyond streamlined operations, this move will allow us to continue providing our customers with quality service while also expanding our offerings. For example, the facility's size creates an opportunity for BoilerWAREhouse.com to expand its inventory, providing an even more comprehensive set of parts for not only end users but also contractors.

The Benefit to Our Employees

Employee satisfaction is a high priority for WARE. We are proud to provide our team with this facility because it will offer them a better quality office space with more room to connect with each other and our customers.

Our leadership team has plans in the works to improve our employees' experience. We will soon be creating a lounge area to allow team members to build and strengthen their community. The office is set up with 2 internal conference rooms for our team members to meet and an external conference room for customers and vendors. In the near future, we will provide a larger conference room for internal collaboration due to COVID that allows a quiet, socially distance friendly area dedicated for larger numbers.

Prior to the move, our team members were confined because of the limited space. Now, with a newer

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NEW AND USED LIST

ALL EQUIPMENT LISTED IS FOR SALE OR LEASE AND SUBJECT TO AVAILABILITY

| Unit | HP/PPH | Year | Manf. | Fuel | Type | PSI | Ctrl. |
|--------|--------|------|------------------------------|----------------|----------|---------|----------|
| 779 | 82,500 | 2013 | Victory Energy Limpsfield | (Low NOx) G/#2 | Steam | 350 | IRI |
| 796 | 82,500 | 2016 | Victory Energy Faber | (Low NOx) G/#2 | Steam | 350 | IRI |
| 797 | 82,500 | 2016 | Victory Energy Faber | (Low NOx) G/#2 | Steam | 350 | IRI |
| 767 | 75,000 | 2011 | Victory Energy | (Low NOx) G/#2 | Steam/SH | 750/750 | IRI |
| 747 | 75,000 | 2000 | B&W | (Low NOx) G/#2 | Steam/SH | 750/750 | IRI |
| 791 | 75,000 | 2016 | Victory Energy | (Low NOx) G/#2 | Steam/SH | 750/750 | IRI |
| 750 | 70,000 | 1996 | Nebraska | (Low NOx) G/#2 | Steam/SH | 750/750 | IRI |
| 709 | 60,000 | 1979 | Zurn | (Low NOx) G/#2 | Steam | 500 | IRI |
| 741 | 60,000 | 1979 | Zurn | G/#2 | Steam | 550 | IRI |
| 795 | 40,000 | 1986 | Cleaver Brooks | Gas | Steam | 260 | IRI |
| 496 | 800 | 1990 | York-Shiple | (Low NOx) G/#2 | Steam | 200 | IRI |
| 634 | 800 | 1972 | York-Shiple | G/#2 | Steam | 150 | IRI |
| SSB-55 | 800XID | 2021 | Victory Energy | (Low NOx) G/#2 | Steam | 250 | UL/CSD-1 |
| 620 | 800 | 1975 | York-Shiple | G/#2 | Steam | 250 | IRI |
| SSB-46 | 600XID | 2019 | Victory Energy | (Low NOx) G/#2 | Steam | 250 | UL/CSD-1 |
| SB-139 | 500 | 2001 | Cleaver Brooks | | Steam | 150 | |
| SB-243 | 400 | 2018 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD1 |
| SB-138 | 350 | 1994 | Cleaver Brooks | | Steam | 150 | |
| SSB-39 | 300XID | 2016 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-51 | 250 | 2020 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| 415 | 250 | 1980 | Eclipse | #2 Oil | HT/HW | 954 | IRI |
| SB-148 | 200 | 1995 | Kewanee | Gas | Steam | 325 | IRI |
| SB-146 | 200 | 1995 | Kewanee | Gas | Steam | 325 | IRI |

ONE HOUR QUOTE ON-LINE AT WAREINC.COM OR CALL 800-228-8861





NEW AND USED LIST continued

ALL EQUIPMENT LISTED IS FOR SALE OR LEASE AND SUBJECT TO AVAILABILITY

| Unit | HP/PPH | Year | Manf. | Fuel | Type | PSI | Ctrl. |
|--------|--------|------|----------------|----------------|-------|-----|----------|
| SB-249 | 175XID | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-240 | 175XID | 2017 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-53 | 175XID | 2020 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| SWVB1 | 1200 | 2017 | Victory Energy | (Low NOx) G/#2 | Steam | 250 | UL/CSD-1 |
| SB-251 | 250 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-255 | 250 | 2012 | Cleaver Brooks | G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-52 | 150 | 2021 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| SB-252 | 150 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD1 |
| SB-256 | 150 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD1 |
| 769 | 150 | 1998 | Precision | Electric | Steam | 150 | UL |
| SB-246 | 100 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-253 | 100 | 2020 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-54 | 100 | 2020 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| SB-241 | 100 | 2008 | York-Shipley | Gas | Steam | 150 | UL |
| SB-237 | 70 | 2016 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-238 | 70 | 2016 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-35 | 70 | 2016 | Victory Energy | (Low NOx) G/#2 | Steam | 150 | UL/CSD-1 |
| SB-247 | 50 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-234 | 50 | 2016 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SB-254 | 100 | 2020 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |
| SSB-45 | 50 | 2019 | Victory Energy | G/#2 | Steam | 150 | UL/CSD-1 |



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4 Things to Consider When Insulating a Boiler Room continued from pg 1

valve cover and pipe cover, please visit our video on Insulating a Boiler Room. Covers are available for most any part of your boiler room, which you can purchase by contacting WARE.

At WARE, we are proud to offer the equipment, parts, services, and training to keep your boiler room running safely and efficiently. Contact our team today with any questions or needs that you may have. For more boiler room insight, subscribe to our YouTube channel, The Boiling Point, to hear from the industry experts.



A Common Misconception: Recertification, Test, and Repair continued from pg 2

Important to note: If your valve is coded, it will have a VR stamp, which is important to note when considering where to take your valve for repair.

The Importance of Using a Company with a VR Stamp

The VR stamp is one key element to keep in mind because it will help you identify the best repair shop in your area. This stamp is issued by the National Board of Boiler and Pressure Vessel Inspectors, and shops that have a VR stamp hold the Certificate of Authorization for the repair of pressure relief valves. The VR stamp is a key indicator that the repair shop you've chosen follows board-regulated protocols for valve repair best practices.



WARE's Corporate Office Finds a New Home continued from pg 3

facility, new furniture, and better amenities, we can now offer our employees a space they're proud of and can see themselves growing in.

Thank You for Following Our Journey

Ritchie Ware and the Ware family truly appreciate the people who have made WARE the successful boiler room parts, boiler rental, boiler sales and service provider we are today.

"We love our new digs, but it's the people that make the building awesome. What we are excited about is that this move sets WARE up for our next chapter of growth. The move will allow growth for our family, employees, our partners, WARE, and the many new outstanding employees that we haven't met yet. Now in our third generation, our company has tried to follow our founder, Ivan Ware, as a servant to our

employees and our customers. He was "Servant Leadership" before it was popular. We can't wait to see what God has in store for WARE and our new corporate home," said Ware.

We will continue to provide the high-quality service you've come to expect from our company, and we welcome you to schedule your next service, rent a mobile boiler, make a part order, or to begin your boiler room training. To learn more about our comprehensive services, please contact us. Our team of experts is ready and waiting to answer any questions you may have.



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