

# NABO NOW

See pages 6-10 for  
NABO Grant  
Information!

2021, No. 1

## A Workplace Toolbox for Everyone



*OSHA reported 5,333 workers died in 2019, an increase over 2018 reported deaths. This is an average of about 100 fatalities per week or 15 per day.*

**A** ccording to Safeopedia A workplace hazard as defined refers to a situation within the workplace that has the potential to cause injury or adverse health effects for people and damage to the plant and/or equipment. Hazards are present at every workplace and come from a wide number of sources.

Identifying and eliminating them is a major component of maintaining a safe workplace.

General examples of workplace hazards include any substance, material, activity or process that has the potential to cause harm or injury under specific conditions. A common way of identifying workplace hazards is to classify them into various categories:

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- Biological: These include viruses, bacteria, animals, plants, insects and also humans
- Chemical: These include various chemicals, liquids and solvents. The hazard associated with them depend on their physical properties and whether they are toxic, irritants, corrosives or mutagens.
- Mechanical: The hazards caused by the moving parts of machinery, plant or an equipment.
- Psychological: Stress, harassment and violence
- Physical: Exposure to noise, vibrations, radiation or a magnetic field.
- Ergonomic: Improper posture, repetitive movements, improper arrangement of workplace.

For multi-state employers, Federal, State and Local Regulations such as California's Emergency Temporary Standard or (ETS) which came into effect December 1, 2020, make compliance a difficult and time-consuming project.

Several of the temporary regulations which are being issued are specific to COVID-19 and must be considered in addition to standard safety practices.

Complacency and lack of training account for a large portion of the fatalities reported. Workers, especially new employees should be indoctrinated in proper safety procedures and protocols.

Communication, continuing education, posted procedures and warnings are essential to a good safety environment.

As a Minimum you should:

- Encourage communication between

workers and management.

- Have a program that regularly gathers workers together for training.

Knowing how to share information about workplace risks and safety training is equally important. This ensures workers and managers benefit from the time spent in workplace safety meetings.

- A safety meeting must be a two-way conversation between you and your workforce. Understand their concerns and give them a chance to ask questions.

Workplace safety meeting, or toolbox talks, can cover a variety of topics. These are regular opportunities for coworkers to discuss safety issues at work, whether it is dealing with workplace hazards or engaging in healthy work practices.

Safety talks are an important part of cementing workers' commitment to promoting a safety culture, both at the office and on hazardous job sites. A well-planned safety meeting will:

- Inform people about workplace risks.
- Gives management and workers the chance to evaluate prior safety-related incidents.
- Keeps people alert and aware of potential hazards.

In addition, you should:

- Eliminate workplace hazards.
- Fix unsafe conditions.
- Use proper safety equipment.
- Keep the workplace free of physical and chemical hazards.
- Hire or train personnel.

*See Pages 6-10 for the  
NABO Grant Application!*

# Replacing or Adding a Boiler or Pressure Vessel

When it become necessary to replace an existing boiler or pressure vessel the following items should be taken into consideration.

The standard code rule is that a vessel 15 PSI or greater in pressure falls under the ASME Code and is required to code stamped. There are additional factors but for the most part, this is the main driving force.

The ASME BPVC Certification Program conforms to the rules governing the design, fabrication, assembly, and inspection of boiler and pressure vessel components during construction.

Products manufactured by ASME BPVC Certificate Holders are certified and stamped with the Certification Mark in accordance with the applicable ASME BPVC Section.

Most states, cities and providences have regulations that require pressure retaining items operating in places of public assembly or exceeding certain pressures and capacities be certified and inspected.

Permit inspections may be performed by a State Boiler Inspection Department or an inspector employed by a qualified insurance company.

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## Replacing Failed or Damaged Equipment and Parts

Before seeking out an equipment manufacturer, it is important to clearly define what you want, and then to select the manufacturer that's best able to meet your defined requirements.

Irrespective of what you consider best, you will want to work with a reputable and well-established manufacturer. It is recommended to partner with an experienced manufacturer who has the proper expertise. Their experience can offer opportunities to cut costs and improve delivery, as well as performance. A good manufacturer will be transparent and keep you up to the date on the progress of your equipment.

It's important to remember that companies who have these characteristics are typically not the lowest price option. However, the value they bring regarding quality and peace of mind easily outweighs the price differential. The best manufacturers are working for you and ensuring you receive the best product.

The most significant benefit of using the best equipment manufacturer is that you are likely to experience long-term satisfaction with your equipment. And in the unlikely case of a hidden defect emerging, you can be sure the manufacturer will be there as quickly as possible to rectify any problems.

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## Repairing Existing Boilers or Pressure Vessels

When it becomes a necessity to repair an existing boiler or pressure vessel, in most cases the same rules apply.

If the item is a code stamped object, then only those repair agencies that have been authorized to do so may perform the repair.

When there is doubt you should contact your inspector or the state boiler inspection department and ask.

In some cases, certain jurisdictions may authorize boilers or pressure vessels that are manufactured to a standard other than the ASME Code.

Boilers or pressure vessels not built to ASME Code but requiring inspection and operating permits should be treated in the same manner, when in doubt consult your inspector or the state boiler department for guidance.

# CPSC, Viessmann U.S. Recalls Boilers Due to Fire Hazard

**WASHINGTON, D.C.** - The U.S. Consumer Product Safety Commission, in cooperation with the firm named below, today announced a voluntary recall of the following consumer product.

Consumers should stop using recalled products immediately unless otherwise instructed.

**Name of Product:** Vitodens 200 Boilers

**Units:** About 4,600

**Manufacturer:** Viessmann Manufacturing Co. Inc., of Canada

**Hazard:** The boiler can leak gas, posing a fire hazard to consumers.

**Incidents/Injuries:** None reported.

**Description:** The recall involves the Vitodens

200 boiler. The gas-fired boilers are white, wall-mounted and have “Viessmann” and “Vitodens 200” printed on the exterior in silver letters. The model and serial numbers included in the recall are listed below. The model number is located on the silver rating plate on the side of the boiler. Contact your certified HVAC contractor to open the boiler and locate the serial number on a white label on the side of the boiler, or under the bottom support panel. Vitodens 100 boilers are not included in this recall.

**Sold by:** Plumbing and heating contractors nationwide from January 2002 through December 2007 for between \$4,000 and \$7,500.

**Manufactured in:** Canada

Model Number	Serial Number	Additional Information
WB2 6-24C	7167063xxxxxxxx or 7170317xxxxxxxx	<p><i>If the serial number's 8th digit (listed in red) is a 2, 3, 4, 5 or 6, the boiler is included in the recall.</i></p>
WB2 6-24	7167064xxxxxxxx or 7170318xxxxxxxx	
WB2 8-32	7167065xxxxxxxx or 7170319xxxxxxxx	
WB2 11-44	7167066xxxxxxxx or 7188578xxxxxxxx	
WB2 15-60	7167067xxxxxxxx or 7188577xxxxxxxx	

**Remedy:** Consumers should stop using the boilers immediately weather permitting and contact their certified heating contractor or Viessmann for a free replacement of the boiler's O-ring.

**Consumer Contact:** For additional information, contact Viessmann U.S. toll-free at (888) 414-9157, visit the firm's Web site at [www.viessmann-us.com](http://www.viessmann-us.com), or email the firm at [o-ring@viessmann.com](mailto:o-ring@viessmann.com).

## Flushmate Expands Recall of Flushmate III Pressure-Assisted Flushing System Due to Impact and Laceration Hazards

**Name of product:** Flushmate® III Pressure-Assist Flushing System

**Hazard:** The system can burst at or near the vessel weld seam releasing stored pressure. This pressure can lift the tank lid and shatter the tank, posing impact and laceration hazards to consumers and property damage.

**Remedy:** Repair

**Recall date:** January 23, 2014

**Units:** About 351,000 in the U.S. and about 9,400 in Canada (The Series 503 Flushmate III was [previously recalled](#) in June 2012)

**Consumer Contact:**

Flushmate at (800) 303-5123 between 8 a.m. and

10 p.m. ET Monday through Friday and between 8 a.m. and 6:30 p.m. ET Saturday, or online at [www.flushmate.com](http://www.flushmate.com) and click on “Flushmate III Recall” in the black box on the top left of the page for more information.

## *Recall Details*

**Description:** This recall is for Series 503 Flushmate III Pressure Assist flushing systems installed inside toilet tanks that were manufactured from March 2008 through June 2009. The units are rectangular, black, two-piece vessels made of injection molded plastic. Previously recalled systems were manufactured from October 1997 through February 2008. Recalled units have a date code/serial number that is 16 characters long and is located on the label on the top of the Flushmate III. The first six numerals of the serial number are the date code. The date code range for units included in this recall in MMDDYY format is 030108 (March 1, 2008) through 063009 (June 30, 2009). The date code range for previously recalled systems in MMDDYY format was 101497 (October 14, 1997) through 022908 (February 29, 2008). Units included in this recall were sold individually and installed in toilets manufactured by American Standard, Crane, Ecotech, Eljer, Gerber, Kohler, Mancesa, Mansfield, Orion, St. Thomas, Universal Rundle, Vitra, Vitromex and Western Pottery.

**Remedy:** Consumers should immediately stop using the recalled Flushmate III system, turn off the water supply to the unit, flush the toilet to



release the internal pressure and contact the firm to request a free repair kit.

**Incidents/Injuries:** Flushmate has received three reports of the units included in this recall bursting, resulting in property damage and no reports of injury.

**Sold At:** Home Depot and Lowe’s stores, toilet manufacturers, distributors and plumbing contractors nationwide from 2008 through about 2009 for about \$108 for the units without toilets.

**Importer:** Flushmate, of New Hudson, Mich., a division of Sloan Valve Company

**Manufacturer:** Flushmate, of New Hudson, Mich., a division of Sloan Valve Company

**Manufactured In:** United States

**Recall number:** 14-089

Report an Incident Involving this Product.

**Got an important message for your fellow NABO members? Have an announcement that you’d like to share? Send your submissions for the NABO NOW! newsletter to [James.Marsh@tuvsud.com](mailto:James.Marsh@tuvsud.com)**



[www.nabomembers.com](http://www.nabomembers.com)

## **NABO GRANT PROGRAM**

### **THE PROGRAM**

The National Association of Boiler Owners and Operators (“NABO”) has established a Grant program to provide for and encourage eligible individuals to continue their education to pass the National Board Examination for boiler and pressure vessel inspectors and to become a National Board Commissioned Inspector.

This Grant program is administered by NABO. All awards are granted without regard to race, color, creed, religion, sexual orientation, gender, disability or national origin.

### **ELIGIBILITY**

Applicants to the NABO Grant Program must be either:

- Children of individuals employed by or affiliated with ARISE Boiler Inspection and Insurance Company Risk Retention Group policyholder companies (“ABIIC”);
- Individuals who want to become commissioned boiler inspectors;
- Veterans of the United States Military Services; or
- Individuals with HVAC or Code or Non-Code boiler and pressure vessel manufacturing shop experience as a Welder or Quality Control.
- Must be a citizen of the United States.

### **ELIGIBLE EDUCATIONAL INSTITUTIONS**

An Eligible Educational Institution is any accredited school that has a curriculum to prepare students to pass the National Board Examination to become a National Board Commissioned Inspector. See current National Board requirements here <http://www.nationalboard.org/Index.aspx?pageID=390&ID=483>

### **AWARDS**

Applications will be reviewed against the program criteria by a selection process determined by NABO. Grant recipients will be selected on a competitive basis. If selected as a Grant Recipient, the student will receive an award in an amount of \$10,000 for tuition, books and related fees. Up to two awards will be granted each year. Applicants can reapply for additional awards each year while continuing their education.

### **APPLICATION**

Interested individuals must complete the Application and submit it to:

NABO Grant Program  
c/o ARISE Boiler Inspection & Insurance Co. RRG  
7000 S. Edgerton Road, Suite 100  
Brecksville, OH 44141  
Email: [arise-NABO@tuvsud.com](mailto:arise-NABO@tuvsud.com)

Applicants are responsible for gathering and submitting all necessary information. Applications are evaluated on the information supplied; therefore, answer all questions as completely as possible. Incomplete applications will not be evaluated. All information received is considered confidential and is reviewed only by the NABO Grant Program Selection Committee.

### **SELECTION OF GRANT RECIPIENTS**

Grant Recipients are selected on the basis of academic record, demonstrated leadership and participation in school and community activities, honors, work experience, statement of goals and aspirations, and a personal interview, if elected by the NABO Grant Program Selection Committee. Financial need is not considered.

Selection of Grant Recipients is made by the NABO Grant Program Selection Committee. All Applicants agree to accept the decision as final.

Grant Recipients will be notified as soon as possible after receipt of the completed application. Not all applicants to the program will be selected as Grant Recipients. Students may reapply to the program each year they meet eligibility requirements.

### **PAYMENT OF GRANTS**

All awards will be paid directly to the Eligible Educational Institution. Grant Recipients will be responsible for all income taxes due on any awards.

### **OBLIGATIONS**

Grant Recipients must keep at least a "C" average in all courses in order to keep the award. If the recipient's grades fall below a "C" average in his or her courses, the Grant Recipient shall be required to repay the award to NABO. Grant Recipients must submit a transcript of courses taken and grades received to the NABO Grant Program Selection Committee at the end of each grading period.

### **AMENDMENTS AND TERMINATION OF NABO GRANT PROGRAM**

NABO reserves the right to review the conditions and procedures of the NABO Grant Program and to make any changes at any time, including termination of the NABO Grant Program.

### **ADDITIONAL INFORMATION**

Questions regarding the NABO Grant Program should be addressed to: NABO

NABO Grant Program  
c/o ARISE Boiler Inspection & Insurance Co. RRG  
7000 S. Edgerton Road, Suite 100  
Brecksville, OH 44141  
Email: [arise-NABO@tuvsud.com](mailto:arise-NABO@tuvsud.com)





Name \_\_\_\_\_

1. **List the secondary school from which you graduated, and all higher education institutions attended.**

School	Location	Dates Attended
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2. **List awards, scholarships, or special recognitions you have received.**

3. **List college and high school activities**

4. **List work experience**

