

Eagle Scout becomes first grant recipient



Arise Boiler Inspection and Insurance Company Risk Retention Group announced the winner of its first scholarship grant recently.

Joseph LeSage, a native of Baton Rouge, LA., was chosen based on his dedication and knowledge of the industry. A 2013 graduate of Central High School, LeSage completed his core curriculum studies while also attending night classes for welding. In 2012 he received his SMAW 3G/4G Plate Welding Certificate. Heavily involved with his community, which include the Boy Scouts of America and his

local church, LeSage will add Inservice Inspection to his resume as one of Arise's newest employees.

Applicants were asked to fill out an extensive questionnaire that included giving a summary of their education, interests, achievements as well as to provide a brief explanation as to their career goals.

"I want to thank the committee for providing this meaningful opportunity to Boiler and Pressure Industry. I'd like to assure them that I am a dependable, self-motivated, career-oriented individual who if given the opportunity, will utilize this grant to achieve my goal to become an Inservice Boiler Inspector," LeSage wrote in his application for the grant.

LeSage's resume states that he hopes to further his career goals by later becoming a National Board Inspector, allowing him to engage with the NBIC and ASME codes and industry.

In a letter to Arise president, Paul Welch, LeSage personally thanks him saying, "Thank you again for everything you have done to help me get into and ready for school. We got the check and I couldn't help but notice also that the check was dated on my birthday and it was by far the best birthday present I've gotten."

The NABO scholarship program was instituted in 2018 in the hopes that it could help young men and women who are considering a future in the boiler and pressure vessel industry afford the necessary schooling and testing required.

2018 NABO Reception

Members of NABO gathered together in December of 2018 in Orlando, Fl. The reception was host to members from around the globe and also served as a celebration of 25 years in business for Arise, Inc.



Digging Deeper

By: Tim Rhodes

Recently I was made aware of a food processing facility that was experiencing an excessive amount of production down time. This location which I have frequented many times has always maintained a very high production output.

Looking deeper into the problem with supervisory personnel it was determined that the root cause was improper maintenance on a particular production line.

According to Wikipedia, maintenance involves functional checks, servicing, repairing or replacing of necessary devices, equipment, machinery, building infrastructure, and supporting utilities in industry.

When failures occur to equipment that are in a scheduled maintenance program, care should be taken to investigate and determine the root cause of the failure.

Root cause analysis (RCA) is a method of problem solving used for identifying the root causes of faults or problems.

- Identify and describe clearly the problem.
- Establish a timeline from the normal situation up to the time the problem occurred.
- Distinguish between the root cause and other causal factors.
- Establish a causal graph between the root cause and the problem.

RCA generally serves as input to a remediation process whereby corrective actions are taken to prevent the problem from reoccurring.

Digging deeper into the actual cause of the problem facilitates a positive result, that should translate to less down time, well Maintained equipment, safer operations and higher production rates.

Hayward Industries Recalls Pool Heater Vent Kits Due to Carbon Monoxide Poisoning Hazard

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H500FD Gas Heaters. The kit includes the following: one vent pipe adapter for negative pressure galvanized vent pipe, one flue cover plate with hole for vent, #10 sheet metal screws, vent pressure switches, vent pressure switch tubing and vent pressure switch jumper wire. Only Hayward H500FD Gas Heaters that are installed indoors and use 6-inch



Name of product: Hayward Vent Kits

Hazard: The recalled vent kits installed on gas pool heaters are not the proper size and can allow carbon monoxide to leak, posing a CO poisoning hazard to consumers.

Remedy: Replace
Recall date: June 12, 2019

Units: About 280 (in addition, 7 units were sold in Canada and 13 units were sold in Mexico)

Consumer Contact:
Hayward Industries

toll-free at 888-847-8717 from 8 a.m. to 6 p.m. Monday through Friday, or online at <http://www.recallrtr.com/haywardventkit>, or online at www.hayward-pool.com then click on the Recall link at the top of the page for more information.

Description: This recall involves the Hayward UHXNEGVT15001 Negative Pressure 6-inch Vent Kit for pool heaters. The vent kit is used exclusively on the Hayward

negative pressure galvanized vent piping are affected by this recall. The name Hayward is stamped into the furnace housing above the water pipes. The model and serial number H500FD is located to the left of the water pipes.



Remedy: Consumers should immediately turn off the pool heater and contact Hayward for free replacement and installation of a new vent kit. Do not use your pool heater until a new vent kit is installed.

Incidents/Injuries: None reported

Sold At: Pool equipment distributors nationwide and online at poolsupply4less.com and tcpoolequipment.com from March 2015 through April 2019 for about \$265.

Manufacturer(s): Hayward Industries Inc, of Nashville, Tenn.

Manufactured In: USA

Recall number: 19-136

Viessmann Recalls Boilers Due to Carbon Monoxide Hazard



Viessmann at 800-288-0667 from 8:30 a.m. to 5 p.m. ET Monday through Friday, by email recall@viessmann.com or online at www.viessmann.com and click on “Important Notice” located in the middle of the homepage for more information.



Product	Model	Part Number	Serial Number Range
Vitodens 200-W	B2HB 19	7538092	7538092401003107 to 7538092701038106
	B2HB 26	7538093	7538093401002107 to 7538093701177109
	B2HB 35	7538094	7538094401003101 to 7538094701446103
Vitodens 222-F	B2TB 19	7542250	7542250401001100 to 7542250401210106
	B2TB 35	7542251	7542251401001107 to 7542251701257105

Recall Details



Name of product: Vitodens boilers
Hazard: The boiler heat exchanger back plate can corrode and leak flue gases, allowing the boiler to emit excessive amounts of carbon monoxide, posing a CO poisoning hazard to consumers.

Remedy: Repair
Recall date: April 25, 2019

Units: About 2,900 (in addition, about

Consumer Contact:

Description: This recall involves the Vitodens 200-W and Vitodens 222-F series boilers used for space or domestic water heating. There are five affected models in a specific serial number range. The Vitodens 200-W is a wall hung unit, housed in a white metal box about 38 inches high and 18 inches wide. The Vitodens 222-F is a floor mounted unit, housed in a white metal box about 68 inches tall and 24 inches wide. The name “Vitodens” is printed on the label on the outside of the boiler box. The product name and model number can be found on the left side of the boiler cover. The serial number can be found on the underside of the wall mounted boiler and on the center section on the floor mount model.

Remedy:



Consumers with recalled boilers should immediately contact the installer or distributor from whom they purchased the boiler or Viessmann to schedule a free in-home safety inspection and repair. Consumers who continue the use of the boilers while awaiting repair, should have a working carbon monoxide alarm installed outside of sleeping areas in the home.

Incidents/Injuries: None reported
Sold At: Viessmann Authorized Dealers from September 2014 through October 2018 for

between \$2,700 and \$4,200.
Manufacturer(s): Viessmann Werke GmbH & Co KG, of Germany
Importer(s): Viessmann Manufacturing Company (U.S.) Inc., of Warwick, R.I.
Distributor(s): Viessmann Manufacturing Company (U.S.) Inc., of Warwick, R.I.
Manufactured In: Germany
Recall number: 19-111
Report an Incident Involving this Product.

Interline Brands Recalls Swivel Fittings Due to Fire Hazard



Recalled ProPlus Brass Flare Swivel Fitting (1/2 inch by 1/2 inch)

Name of product: ProPlus Brass Flare Swivel Fittings

Hazard: The fittings can leak, posing a fire hazard.

Remedy: Refund/Replace



Recall date: March 28, 2019
Units: About 140,000

Recall Details

Description: This recall

involves multiple sizes of ProPlus Brass Flare Swivel fittings used as connectors for

copper tubing. The brass, gold-colored fittings connect two male flare nuts opposite to each other. The Swivels were used primarily for LP gas (propane) applications by professional installers.

Model Number	Description
39-4	1/4" x 1/4"
39-6	3/8" x 3/8"
39-8	1/2" x 1/2"
39-8-6	1/2" x 3/8"
39-10	5/8" x 5/8"
39-10-8	5/8" x 1/2"

Remedy: Consumers should immediately contact Interline for a full refund or a replacement fitting. Consumers with recalled fittings that have already been installed should contact Interline to arrange for a professional installation of a free replacement fitting.

Incidents/Injuries: Interline has received two reports of the swivels leaking at installation.

Sold At: Hardware retailers from August 2017 through November 2018 and sold to

professional installers by Leran, Barnett, Hardware Express, SupplyWorks, Wilmar and Maintenance USA stores from August 2017 through July 2018 for between \$1 and \$8.
Manufacturer(s): Zhejiang ACME Pipe Fitting Co., LTD, of China

Importer(s): Interline Brands, Inc., of Jacksonville, Fla
Manufactured In: China
Recall number: 19-094
Report an incident involving this product.

Navien Recalls Tankless Water Heaters and Boilers Due to Risk of Carbon Monoxide



Name of product: Navien condensing tankless water heaters and combination boilers
Hazard: A kit installed on the tankless water heaters and boilers to convert them from natural gas to propane can cause the unit to produce excessive amounts of carbon monoxide,

and combination boilers with model numbers NPE-180A, NPE-180S and NCB-180E that have been or will be converted from using natural gas to propane gas. The recalled water heaters and combination boilers were manufactured between July 9, 2018 through October 14, 2018. The manufacturing date is identified within the serial number. The serial number is printed on a label which is affixed to the side of the unit and on the product packaging. The first two digits identify the year, the next single digit identifies the month, and the last two digits identify the day. For example, 18709 stands for July 9, 2018. X stands for October.



posing a risk of carbon monoxide poisoning to consumers.

Remedy: Replace

Recall date: December 20, 2018

Units: About 3,400

Consumer Contact: Navien at 800-244-8202 from 8 a.m. to 5 p.m. PT or e-mail recall@navien.com or online at <https://www.navieninc.com/news> for more information.

Description: This recall involves only Navien condensing tankless water heaters

Product	Model	UPC Code	Serial Numbers with date of manufacture
Navien Condensing Tankless Water Heater	NPE-180A	884954974101	7410x18709xxxx 7410x188xxxxxx 7410x189xxxxxx 7410x18X14xxxx
Navien Condensing Tankless Water Heater	NPE-180S	884954974194	7419x18709xxxx 7419x188xxxxxx 7419x189xxxxxx 7419x18X14xxxx
Navien Condensing Combination Boiler	NCB-180E	884954966083	6608x18709xxxx 6608x188xxxxxx 6608x189xxxxxx 6608x18X14xxxx

Remedy: Consumers should immediately stop using the recalled water heaters and boilers that are using propane gas and

contact Navien for a free replacement conversion kit. Consumers who continue use of the water heaters and boilers while awaiting repair, should have a working carbon monoxide alarm installed outside of sleeping areas in the home.

Incidents/Injuries: None

Sold At: Wholesale distributors to installers nationwide from August 2018 through

October 2018 for about \$1,400 to \$1,700 for water heaters and \$3,800 for combination boilers.

Manufacturer(s): Kyung Dong Navien Co. Ltd, South Korea

Importer(s): Navien Inc., of Irvine, Calif.

Manufactured In: South Korea

Recall number: 19-057

Report any issues with this product.

Beware of the Dangers of Heat Exhaustion

As summer months come so does the heat. Working on equipment, performing inspections, or out on the production floor can present severe health issues.

Pay attention to yourself and coworkers.

According to Web MD.

The most common signs and symptoms of heat exhaustion include:

- Confusion
- Dark-colored urine (a sign of

dehydration)

- Dizziness
- Fainting
- Fatigue
- Headache
- Muscle or abdominal cramps
- Nausea, vomiting, or diarrhea
- Pale skin
- Profuse sweating
- Rapid heartbeat

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

paul.welch@tuv sud.com