

Paul Welch to assume role as President of ARISE



Mr. Welch has over 45 years' experience in the Boilers and Pressure Vessels field.

He is a current member of the ASME and serves on several code committees for the National Board of Boiler and Pressure Vessel Inspectors.

Prior to joining ABIIC, Mr. Welch worked as the Director, (Chief Boiler Inspector) for the State of Georgia, Department of Labor's Safety Engineering Division. He is experienced in jurisdictional safety inspections for boilers and pressure vessels, elevators, amusement rides and hazardous chemicals. He is also responsible for the Right to Know Law, Project Safe Georgia and the Georgia Safety, Health and Environmental Conference. He has conducted ASME and NB Reviews as Team Leader for the ASME and the NB, as well as served as Secretary/Treasurer for the National Association of Government Labor Officials (NAGLO).

Mr. Welch will be stepping in to replace the retiring Dave Erhardt who served as President of ARISE from April 2013 through May of 2018.

Grants Available Through NABO

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 Examinations 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 boiler manufacturing shop experience.

ELIGIBLE EDUCATIONAL INSTITUTIONS

An Eligible Educational Institution is any accredited school that has a curriculum to prepare students to pass the National Board Examinations to become a National Board Commissioned Inspector. See attached National Board requirements.

AWARDS

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 2 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:

Arise Boiler Inspection & Insurance Co.
LLC - NABO Grant
Grand Bay I, Suite 100,
7000 S. Edgerton Road
Brecksville, OH. 44141

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 the 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 Grant Program
Arise Boiler Inspection &
Insurance Co. LLC
Grand Bay I, Suite 100,
7000 S. Edgerton Road
Brecksville, OH. 44141
Email: careers@ariseinc.com

See pages 10-14 for requirements and application.

Spring Time and Preparing For Boiler Lay Up

You have been operating the boiler for several months and the heating season is coming to an end.

In most areas of the country late spring, summer, and early fall are the periods of time when boilers go into a non-operation mode until they are needed for the next heating season.

The process of shutting down a boiler for an extended time is called boiler lay-up, and can be critical to the life of boiler.

Proper lay-up of a boiler can help to extend the life of a boiler for several years over one that receives no consideration. Even really good water treatment programs require additional steps to prevent corrosion during the non-operational periods.

Proper water treatment while the boiler is operational is routine practice and is necessary to keep dissolved oxygen out of your boiler.

When a boiler has cooled down and is not operated for an extended period of time dissolved oxygen levels will build up causing pitting and corrosion of boiler, internal surfaces, pitting and corrosion can result in premature failure of the

boiler.

There are two types of boiler lay-up the wet method and the dry method, it is important to consult with your experienced water treatment provider to in order to determine which method best suits your particular operation.



ARISE Inspectors Meet for Training



March 2018 brought ARISE Inspectors from across the country to Cleveland Ohio for a four day meeting.

The purpose of the meeting was to provide the continual training and updates that are needed for ARISE personnel to provide the optimum service

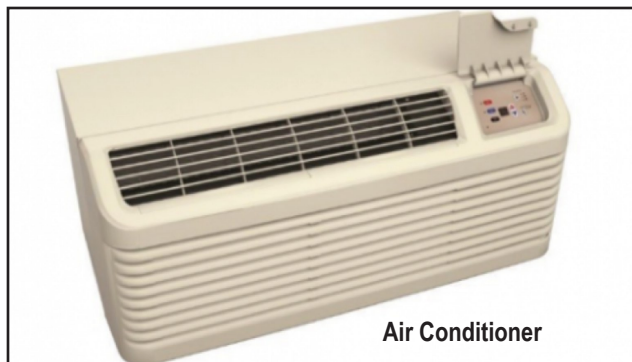
to NABO Members.

The Agenda included topics such as;

- o Client service instructions.
- o Safety Requirements
- o Inspection Code Revisions
- o Inspection Procedures

Goodman Co. Recalls PTACs, Heat Pumps Due to Burn and Fire Hazards

The company received nine reports of PTACs catching on fire, including one report of smoke inhalation with medical attention.



Air Conditioner

Mar 22, 2018- In cooperation with the U.S. Consumer Product Safety Commission, Goodman Co. is recalling packaged terminal air conditioners and heat pumps sold at Goodman as well as heating and cooling dealers nationwide from January 2010 through February 2018 for between \$700 and \$1,400. The outdoor fan motors can overheat, posing burn and fire hazards.

Consumers should contact Goodman for a free repair kit

and installation by an authorized technician. Commercial owners are being contacted directly and will be provided with free repair kits.

Goodman received nine reports of PTACs catching on fire, including one report of smoke inhalation with medical attention. About 534,000 units were sold in the United States and about 3,400 were sold in Canada.

This recall involves Goodman, Amana, York International and Energy Knight branded packaged Terminal air conditioners and heat pumps. The recalled units are beige and the brand name is printed

on most of the units' control covers. Models that begin with the following prefixes are included in this recall: EKTC15, EKTH15, PMC15, PMH12, PMH15, PTC15, PTH12, PTH15, UCYB15 and UCYH15. Only units with the first four digits of the serial numbers in the range between 1001 and 1709 are affected.

Call Goodman toll-free at 888/803-0512 from 7 a.m. to 6 p.m. CT Monday through Friday or visit www.amana-ptac.com and click on "Recall Information" for more information.

Recall on 40/50 Series LC Rooftop HVAC Unit

Name of product:

Carrier WeatherExpert commercial packaged rooftop HVAC units with humidimizer option

Hazard:

The HVAC's humidimizer fan can fail to shut off when a connected smoke detector is tripped, posing a fire hazard.

Remedy:

Repair

Recall date:

March 19, 2018

Units:

About 530

Recall Details

Description:

This recall involves Carrier WeatherExpert 6-23 ton, 48/50 series, light commercial rooftop HVAC units intended for use in commercial and institutional buildings and that have a factory installed dehumidification feature. The model numbers are 48/50LC07-26 with an A in the 6th digit and a 0 (zero) in the 14th digit of the model number (e.g., 48LCTA24F2M5-0S1B3). Note that dashes should be counted as digits in the model number. The serial numbers are 1214P to 3317P. The model and serial number can be found on the unit rating plate located on the back

of the unit.

Remedy:

Purchasers should immediately contact their Carrier dealer for a free repair, which consists of free replacement and installation of the electronic control board. The firm is contacting all known purchasers.

Incidents/Injuries:

Carrier has received one report of a fan not shutting off during installation testing. No injuries have been reported.

Sold At:

Carrier distributors nationwide from March 2014 to September 2017 for between \$25,000 and \$93,000.

Manufacturer(s):

Carrier México, S.A. de C.V.

Importer(s):

Carrier Corporation, of Jupiter, Fla.

Manufactured In:

Mexico Recall number:18-731

Consumer Contact:

Carrier toll-free at 844-864-8748 from 8 a.m. to 5 p.m. ET Monday through Friday, or online at www.carrier.com and click on "Product Safety Recall" to locate a local Carrier dealer for more information.

Furnace Explosions

Issued from the State of North Carolina

Recent furnace explosions serve as a reminder that boilers must be maintained and operated in strict compliance with the manufacturers' recommendations. A furnace explosion is usually the result of ignition and instantaneous combustion of highly flammable gas, vapor, or dust that has accumulated in a boiler. The effect of the force from the explosion is often much greater than the boiler combustion chamber can withstand.

Minor explosions, commonly known as deflagration, puffs, flarebacks, or blowbacks, may suddenly blow flames from firing doors and observation ports. Anyone in the path of a flame, which might extend many feet, may be seriously burned. An increase in the intensity of the explosion would naturally increase the probability of a serious accident.

Furnace explosions may be avoided by taking reasonable precautions:

- Ensure that fuel inlet valves on nonoperation burners and ignitors are tightly closed and do not leak.
- Purge the furnace in accordance with the

manufacturer's specifications each time before the first burner is ignited.

- Ensure that the ignitors, fuel regulating controls, and flame safeguards operate as required.
- Ensure that the fuel/air ratio is in accordance with the manufacturer's specifications.
- Remove oil guns from idle burners after closing the oil and air or steam supply valves when shutting down oil burners. Drain and clean residual oil from the guns before storage.
- Never use the boiler's soot blowers to blow soot in a cold boiler.
- Ensure that limit and operating controls are in good working condition and are not "bypassed" or "jumpered-out."

Proper operation, proper maintenance, and timely inspection are key elements in ensuring safe boiler operation. For more information contact the North Carolina Department of Labor, Boiler Safety Bureau.

Goodman Company Recalls Packaged Terminal Air Conditioners and Heat Pumps Due to Burn and Fire Hazards

Recalled PTAC unit

Name of product:

Packaged Terminal Air Conditioners/Heat Pumps (PTACs)

Hazard:

The outdoor fan motors can overheat, posing burn and fire hazards.

Remedy:

Repair

Recall date:

March 1, 2018

Units:

About 534,000 in the U.S. (In addition, about 3,400 in Canada)

Recall Details

In Conjunction With:

Description:

This recall involves Goodman, Amana, York International and Energy Knight branded

Packaged Terminal Air Conditioners and Heat Pumps (PTACs). The recalled units are beige and the brand name is printed on most of the units' control covers. Models that begin with the following prefixes are included in this recall: EKTC15, EKTH15, PMC15, PMH12, PMH15, PTC15, PTH12, PTH15, UCYB15 and UCYH15. Only units with the first four digits of the serial numbers in the range between 1001 and 1709 are affected. The model number and serial number are located on a label behind the front cover of the unit. Most of the recalled PTAC units are installed in hotels, motels, schools, apartment buildings and commercial spaces to provide room climate control.

Remedy:

Consumers should contact Goodman for a free repair kit and installation by an authorized technician. Commercial owners are being contacted directly and will be provided with free

repair kits.

Incidents/Injuries:

Goodman has received nine reports of PTACs catching on fire, including one report of smoke inhalation with medical attention.

Sold At:

Goodman and heating and cooling dealers nationwide from January 2010 through February 2018 for between \$700 and \$1,400.

Manufacturer(s):

Goodman Company, L.P. of Houston, Texas

Manufactured In:

United States

Consumer Contact:

Goodman toll-free at 888-803-0512 from 7 a.m. to 6 p.m. CT Monday through Friday or online at <https://www.amana-ptac.com/> and click on "Recall Information" for more information.

CPSC, Weil-McLain Company Announces Recall of Boilers

The following product safety recall was voluntarily conducted by the firm in cooperation with the CPSC. Consumers should stop using the product immediately unless otherwise instructed.

Name of Product:

GV Series Boilers

Units:

1,131

Manufacturer:

Weil-McLain Company, of Michigan City, Ind.

Hazard:

The blower assembly is not properly sealed. Gas can leak during operation and accumulate. If an ignition source is present, a fire or explosion could occur.

Incidents/Injuries:

No reports of incidents or injuries.

Description:

Weil-McClain GV water boiler Models GV-3, GV-4, GV-5 and GV-6 with a serial number/date code range of CP5075477 to CP5221234 and built from April 1, 2005 through October 31, 2005. Serial numbers and date codes are located on the left side of the jacket, above the boiler rating label.

Sold at: Plumbing and heating wholesale companies to independent plumbing heating contractors. Price to consumer (not installed) may range from about \$2,200 to \$3,200.

Manufactured In:

U.S.A.

Remedy: Weil-McLain repaired all recalled boilers at no cost to consumers.

Consumer Contact:

Call Weil-McLain at (219) 879-6561 between 8 a.m. to 4 p.m. CT, Monday through Friday, and ask for Consumer Relations, or visit the firm's

Web site at www.weil-mclain.com.

Information about recall provided by courtesy of:
John Griffin,
St. Paul Travelers Insurance Company

Carrier Weather Expert Rooftop HVAC Recall

Name of product:

Carrier Weather Expert commercial packaged rooftop HVAC units with humidifier option

Hazard:

The HVAC's humidifier fan can fail to shut off when a connected smoke detector is tripped, posing a fire hazard.

Remedy:

Repair

Recall date:

March 19, 2018

Units:

About 530

Recall Details

Description:

This recall involves Carrier Weather Expert 6-23 ton, 48/50 series, light commercial rooftop HVAC units intended for use in commercial and institutional buildings and that have a factory installed dehumidification feature. The model numbers are 48/50LC07-26 with an A in the 6th digit and a 0 (zero) in the 14th digit of the model number (e.g., 48LCTA24F2M5-0S1B3). Note that dashes should be counted as digits in the model number. The serial numbers are 1214P to 3317P. The model and serial number can be found on the unit rating plate located on the back of the unit.

Remedy:



Purchasers should immediately contact their Carrier dealer for a free repair, which consists of free replacement and installation of the electronic control board. The firm is contacting all known purchasers.

Incidents/Injuries:

Carrier has received one report of a fan not shutting off during installation testing. No injuries have been reported.

Sold At:

Carrier distributors nationwide from March 2014 to September 2017 for between \$25,000 and \$93,000.

Manufacturer(s):

Carrier México, S.A. de C.V.

Importer(s):

Carrier Corporation, of Jupiter, Fla.

Manufactured In:

Mexico

Recall number:

18-731

Consumer Contact:

Carrier toll-free at 844-864-8748 from 8 a.m. to 5 p.m. ET Monday through Friday, or online at www.carrier.com and click on “Product Safety Recall” to locate a local Carrier dealer for more information.

Goodman Modular Blowers Recalled



Name of product:

Modular blowers

Hazard:

The labels found on the serial plate have incorrect electrical information that could result in installers and servicers using undersized wiring or incorrect fuse/circuit breaker parts, posing a fire hazard.

Remedy:

Replace
Repair

Recall date:

March 5, 2018

Units:

About 1,650 in the U.S. (In addition, about 80 were sold in Canada)

Consumer Contact:

Goodman toll-free at 844-633-4295 from 5 a.m. to 7 p.m. CT Monday through Friday or online at www.goodmanmfg.com and click on “Product Recall” at the right hand corner of the page for more information.

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@ariseinc.com

NABO Gant Requirements and Application

National Board Requirements

QUALIFICATION REQUIREMENTS FOR NATIONAL BOARD COMMISSIONS

An applicant for a National Board Commission shall be in the regular employment of, and exclusively engaged by, an Authorized Inspection Agency (as defined in the Glossary), an Owner-User Inspection Organization, a Non-Member Enforcement Agency, a Federal Inspection Agency, or the National Board.

As a minimum, an applicant shall have a high school education (12 years or equivalent educational system). The applicant shall have a minimum of 5 credit points based upon the combination of education and experience in the pressure equipment industry, as described in the table below.

Alternatively, an applicant for the National Board In service Commission may complete the National Board In service Inspector Training Program described in National Board publication NB-380.

Education (1 Credit Minimum, 4 Credits Maximum)	Credit Points
1. Bachelor's Degree in Engineering	4
2. Associate's Degree in Engineering	3
3. Bachelor's Degree in Science or Mathematics	3
4. Associate's Degree in Science or Mathematics	2
5. Technical Curriculum (Examples) <ul style="list-style-type: none"> • Graduation from an accredited technical school in subjects that include, but not limited to manufacturing, building construction, construction technology, heating ventilating and air conditioning and industrial technology. • Completion of a power engineering certification program. • Completion of an accredited trade certification program in such skills as: boilermaker, boiler mechanic, steamfitter, machinist millwright or welder. • Completion of a military or merchant marine training program in the area of marine or stationary boilers, pressure vessels or nuclear reactors. • Completion of a Certified Welding Inspector (CWI) certification program from The American Welding Society or an equivalent certification. 	2

6. Technical Training in Boiler, Pressure Vessel, or Piping Inspection

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➤ Technology Courses: Completion of a course in at least one (1) of the following (or related) subjects:

- Quality Systems
- Engineering
- Fabrication Methods
- Nondestructive Examinations
- Inspection
- Code Courses: Completion of a classroom course or seminar on knowledge, understanding, and general structure of the NBIC or ASME BPV Code.
- National Board Conducted Courses: Completion of any National Board classroom course.

7. Experience (1 Credit Minimum, 4 Credits Maximum)

One (1) credit point may be assigned for each year of experience associated with the pressure equipment industry in the categories below:

- Engineering or design review.
- Manufacturing, including fabrication methods or processes, in either shop or field.
- Operation of boiler(s) exceeding 50,000 lbs. of steam per hour total capacity.
- Operation of boiler(s) exceeding 50,000 lbs. of steam per hour total capacity.
- Performance of repairs, alterations, or maintenance of boilers or pressure vessels.
- Quality control systems related to boiler or pressure vessel manufacturing, repair, or alteration in either shop or field.
- Inspection of boilers or pressure vessels either in service or during construction including either shop or field.
- NDE examiner of boiler and pressure vessels meeting ASNT Level II or III (qualified by examination) or equivalent qualifications.

Note: Credit for concurrent experience in two or more categories will be limited to the experience in one category. For example, consider an individual who has been employed by a repair organization for two years as a quality control manager. The individual has also been qualified, during the same period, as a Level II NDE examiner. The allowable credit for experience is two years only. The two years' experience as a quality control manager and the two years' experience as a Level II NDE examiner are not additive : they are concurrent and the allowable credit is two years.

NABO Grant Program Application

I, _____ have read and understand the conditions of the NABO Grant Program. I affirm that I plan to pursue a career in boiler and pressure vessel inspection and to sit for the National Board Examinations to become a National Board Commissioned Inspector. I give permission to officials of my educational institution to release transcripts of my academic record and other information requested for consideration in the NABO Grant Program. I understand that this application will be available only to qualified people who are pursuing a career in boiler and pressure vessel inspection. I affirm the information contained herein is true and accurate to the best of my knowledge and belief.

Date _____ Signature _____

Legal name in full _____
(Print/Type) Last Name First Name M.I.

Permanent residence _____
Number, Street, and Apartment Number
City State ZIP

Your address at school _____
(if different) Number, Street, and Apartment Number
City State ZIP

Home telephone (____) _____

School telephone (____) _____
(if different)

E-mail address _____

(Check one) I am a U.S. citizen U.S. national Resident alien expecting citizenship by the date of award

Date of birth _____
Month/Day/Year

Name of Educational Institution _____

Current cumulative GPA _____ on a scale of _____

Your undergraduate major(s) _____ Number
of college credits earned to date _____ Total number of credits required for graduation _____ Expected
date to receive baccalaureate degree _____ Degree you will receive _____

Graduate degree(s) sought _____ Concentration(s) _____

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

Name _____

- 5. Describe the educational program you intend to pursue if you receive a NABO Grant Award**

- 6. What are your employment goals?**

- 7. What additional personal information do you wish to share with the NABO Grant Program Selection Committee?**

- 8. Describe your military service, leadership and education, including mechanical or engineering related training and military application of that training.**