

# NABO NOW

See Page 9 for  
NABO Grant  
Information!

## The Risks and Rewards of Lithium Batteries

**L**ithium batteries are becoming more common in our day-to-day need for power.

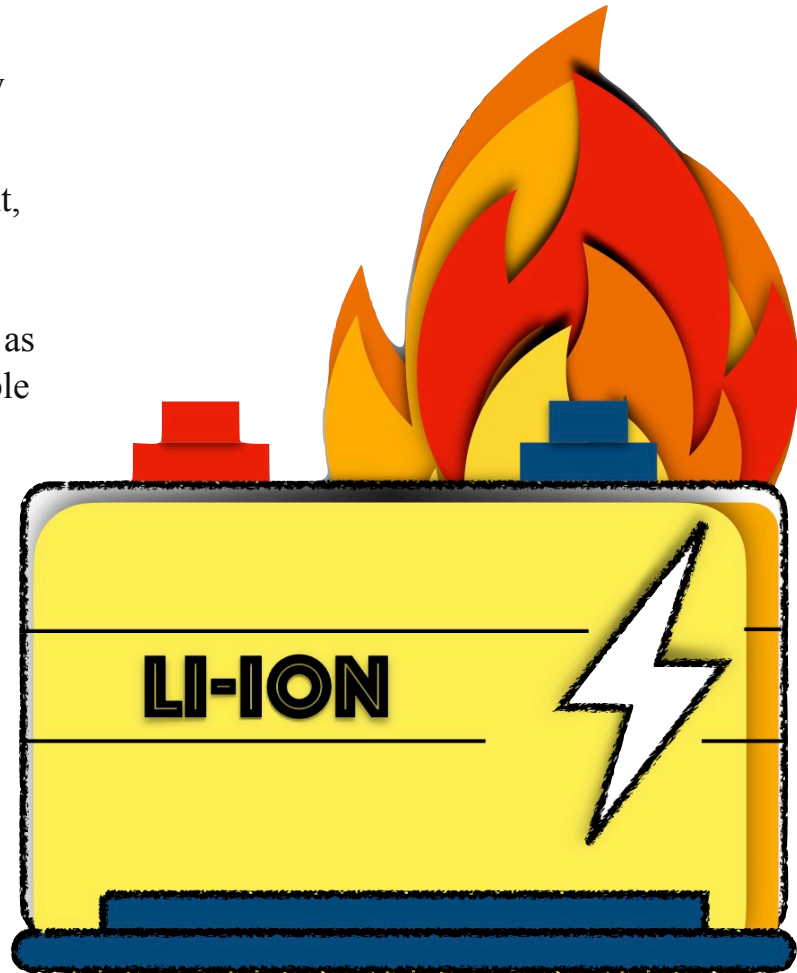
There are many uses for this lightweight, high energy power source; from personal items such as cell phones, computers, and transportation, to industrial purposes, such as back up power sources, tow motors, portable power tools and lifts.

Along with the benefits associated with the using lithium power sources there are risks that should be considered.

The number one risk is fire, and since larger battery banks and maintenance areas tend to be located in areas in or near equipment rooms, a secondary hazard could be equipment failure of boilers or pressure vessels that are exposed to intensive heat from the fire.

Fire in lithium batteries usually occurs when batteries are damaged, short circuited, over-charged or not stored properly.

Effort should be made for regular inspection of lithium batteries. Batteries should be located in a limited traffic area.



Since water has been known to intensify the volatility of the fire, it would be advisable to consult a fire specialist to determine if there are any known hazards associated with the your battery storage location.

# RULES AND REGULATIONS

Currently every state, some cities, and providences have requirements for the installation, inspection, and operation of boilers and pressure vessels.

The rules in general require that businesses and places which are open to the public have equipment that fall under the rules for the jurisdictional authority in question and that said equipment be inspected to determine that the equipment meet safety standards.

Inspection requirements apply to new and existing pressure equipment

installations for business, institutions, industries, educational locations, apartments as well as other multifamily dwelling locations, recreational sites, and places of public use assemblies.

In most locations the jurisdictional authority accepts the inspections performed by an authorized inspector employed by a company that provides insurance coverage. It is the responsibility of the owner or user to properly prepare the boiler or pressure vessel for inspection.

## Recall Notices

*We do not claim to list all recall notices but highlight the ones we believe to be most pertinent to our members. To view all recalls, visit the Local, State, Federal, and Manufacturing websites.*

### Usines Giant Factory Recalls Gas Water Heaters

#### *Recall issued with Emerson Control Valves due to risk of carbon monoxide poisoning*



**Name of Product:** Usines Giant Factories Gas Water Heaters with Emerson control valves

**Hazard:** The heater’s Emerson control valves can fail to close properly, causing soot to accumulate

on the burner, posing a risk of carbon monoxide poisoning to consumers.

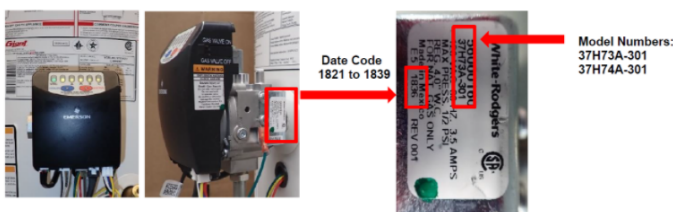
**Remedy:**

Repair

**Recall Date:** November 03, 2021

**Units:** About 168 (in addition, about 10,832 were sold in Canada)

**Consumer Contact:** Giant at 800 363-9354 from 8 a.m. to 5 p.m. ET Monday through Thursday and 8 a.m. to 3 p.m. ET on Friday, or e-mail at [recall@giantinc.com](mailto:recall@giantinc.com) or online at [www.giantinc.com](http://www.giantinc.com) then click on “Recall Information” located at the bottom of the page, or click on <https://giantinc.com/en/recall-information>.



# Triangle Tube Recalls to Repair Gas Boilers Due to Risk of Carbon Monoxide Hazard

*One Death Reported; In-Home Remedy May Be Delayed Due To COVID-19 Restrictions Fast Track Recall with Health Canada*



**Name of Product:**

Prestige Solo & Prestige Excellence condensing gas boilers

**Hazard:** Flue gas can escape from the gas boilers if the vent adapter is not securely reattached to the boiler after maintenance or repair, posing a carbon

monoxide poisoning hazard to consumers.

**Remedy:** Repair

**Recall Date:** July 28, 2020

**Units:** About 63,000

**Consumer Contact:** Triangle Tube toll-free at 877-574-5036 from 8 a.m. to 5 p.m. ET Monday through Friday, or online at [www.triangletube.com](http://www.triangletube.com) and click

on “RECALL INFORMATION” for more information.

Triangle Tube has published additional information regarding Prestige PT, - PA, - PEA, - PB, - & PEB Boilers affected by their voluntary recall.

The reason for the recall is as follows, flue gas can escape from the vent posing a CO poisoning hazard.

The web site provides additional information that will assist you in identification.

You can visit the Triangle Tube web site or call Stericycle for assistance at (877)574-5036.



## US Boiler Company Issues Important Safety Information for Models ESC-SCG-PVG Boilers

Check your boiler’s model number to see if it is affected by this recall. If you need assistance locating your boiler model number, please reference our Boiler Identification Guide. The first three characters of your boiler model number will start with ESC, SCG, or PVG. Here are a few examples of ESC, SCG, and PVG boiler model numbers:

- ESC5NI-GS
- SCG4NI-TS
- PVG3PI-TS
- PVG6API-TS

Please note that information provided by this lookup is not guaranteed to be accurate. If you have any questions regarding your boiler and its status to this

*Continued on Page 4*

## *-Continued from Page 3*

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recall, please contact customer service.

### **For Sea Level Build Boilers Only (0 to 4,999 ft.)**

U.S. Boiler Company always strives to provide its customers with superior quality products, and as part of that process we periodically perform tests to help ensure our products meet or exceed all applicable standards and safety requirements. As part of these tests, it came to our attention that under certain circumstances on some ESC, SCG, & PVG boilers, excessive amounts of carbon monoxide could be emitted into the venting system that is piped to the outside of the home. Although no issues or problems have been reported, it is important that these units receive a field modification.

Please note that this situation does not apply to Size 3 and 4 PVG natural gas boilers. All other PVG boilers along with all ESC and SCG boilers will require field

modification by a qualified heating installer/service person. Attached is a Boiler Identification Guide to help in determining if a particular boiler requires these modifications to be made.

### **Homeowner Information (click on desired link below):**

[Letter to Homeowners](#)  
[Boiler Identification Guide](#)  
[Schedule for Contractor](#)  
[Contact Us](#)

Contractor Information (click on desired link below):

[Product Bulletin](#)  
[Boiler Identification Guide](#)  
[Field Modification Kits Information](#)  
[Field Modification Kits Information – High Altitude](#)  
[Order Field Modification Kits](#)  
[www.usboiler.net](http://www.usboiler.net)

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## **Fantasia Trading Recalls Anker Power Banks Due to Fire Hazard**



**Hazard:** The lithium-ion batteries in the recalled power banks can overheat, posing a fire hazard.

**Remedy:** Consumers should immediately stop using the recalled power banks and contact Fantasia Trading to receive a full refund as well as instructions for properly

disposing of lithium-ion batteries according to local and state regulations. Fantasia Trading and its retailers are notifying all known purchasers directly.

**Units:** About 42,000 (In addition, about 620 were sold in Canada)

**Consumer Contact:**

Website: <http://www.anker.com>

E-mail: [support@anker.com](mailto:support@anker.com)

Phone: (800) 988-7973



## Relion Battery Recalls Insight Series Lithium Batteries Due to Thermal Burn and Fire Hazards



**Hazard:** The batteries can overheat, posing thermal burn and fire hazards.

**Remedy:** Consumers should immediately stop using the recalled RELiON InSight Series® 48V batteries and contact RELiON Battery for a free repair.

RELiON will provide a shipping container for the free return of the recalled batteries. A repaired battery with equivalent remaining cycle life will be shipped back immediately. RELiON will also extend the warranty on replaced batteries for an additional six months beyond the original warranty period.

Units: About 7,250 (In addition, about 121 were sold in Canada)

Consumer Contact:

Website: <http://www.relionbattery.com/product-recall-us>

E-mail: [AMER-recall@oneasg.com](mailto:AMER-recall@oneasg.com)

Phone: (803) 324-6644

## Textron Specialized Vehicles Recalls E-Z-GO PTVs Due to Fire Hazard (Recall Alert)



**Hazard:** The electronic board that powers the USB port can overheat and ignite adjacent components, posing a fire hazard.

**Remedy:** Consumers should immediately stop using the recalled PTVs, turn the key switch to the OFF position and do not

connect electric powered PTVs to a charger or a power outlet. Contact Textron Specialized Vehicles to schedule a free repair. The dealer will install a fiberglass/aluminum thermal insulation protective sleeve over the USB charge port module. Textron Specialized Vehicles is contacting all purchasers directly.

Units: About 143,000 (In addition, about 8,100 were sold in Canada and about 1,000 in Mexico) (Some of the PTVs have been previously recalled in September 2021, January 2022 and September 2022)

Consumer Contact:

Website: <https://ezgo.txtsv.com>

E-mail: [jcook03@textron.com](mailto:jcook03@textron.com)

Phone: (888) 525-6040

# Burnham Commercial Recalls Natural Gas Boilers Due to Burn Hazard



**Name of Product:** Burnham Commercial Natural Gas Boilers  
**Hazard:** Delayed ignition and/or flame rollout can occur with the boilers, posing a burn hazard.

**Remedy:** Repair

**Recall Date:** March 23, 2023

**Units:** About 185

**Contact Details:** Burnham Commercial toll-free at 888-791-3790 from 7:45 a.m. to 4:45 p.m. Monday through Thursday and Friday from 7:45 a.m. to 3:30 p.m. ET, email at [info@burnhamcommercial.com](mailto:info@burnhamcommercial.com) or online at [www.burnhamcommercial.com](http://www.burnhamcommercial.com) and click on “Safety Recall Information” at the top of the page for more information or or <https://s3-us-west-2.amazonaws.com/catsy.782/BC+Series+8+EP+web+notification.pdf>.

**Description:** This recall involves the Burnham Commercial Series 8 EP Natural Gas Boiler and the Series 16H equipped with CSD-1. Both boilers are for commercial use and use natural gas as a fuel source. The recalled units have the Q3452B2100/B pilot with the 90-degree mounting bracket. The brand names “Burnham Commercial” for the Series 8 and “Crown Boiler” for the Series 16H are stamped in metal on the front cover. The model and serial number can be found on the boiler rating plate located on the vestibule panel located behind the front jacket panel of the boiler. These boilers are mostly found in industrial or commercial buildings.

**Remedy:** Consumers should immediately stop using the recalled boilers and contact the installer or distributor to schedule a free boiler repair. The firm is contacting distributors directly.

**Incidents/Injuries:** The firm has received two reports of flame rollouts. No injuries have been reported.

**Sold At:** Independent heating and plumbing contractors and wholesale distributors nationwide from June 2020 through November 2022 for between

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\$2,000 and \$4,000.

**Manufacturer(s):** Burnham Commercial,  
of Lancaster, Pennsylvania

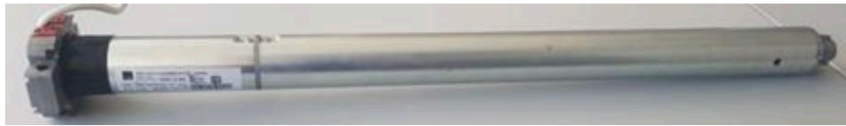
**Manufactured In:** United States

**Recall number:** 23-738

**Fast Track Recall Note:** Individual Commissioners may have statements related to this topic. Please visit [www.cpsc.gov/commissioners](http://www.cpsc.gov/commissioners) to search for statements related to this or other topics.

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## **SIMU Recalls Motors Sold with Awnings and Shutters Due to Shock and Electrocution Hazards**



**Hazard:** The awning and shutter motor's power cable can disconnect while opened or closed manually (using the manual override feature), posing electric shock and electrocution hazards.

**Remedy:** Consumers should immediately stop using the manual override feature if their motorized

awnings or shutters are not connected to a GFCI outlet or circuit breaker. Consumers should contact SIMU for assistance in

identifying the motor and to arrange for a free inspection and replacement motor.

**Units:** About 13,800 (In addition, about 12 were sold in Canada)

**Consumer Contact:**

Website: <http://www.simu.com/us/dmi6hzrecall>

Phone: (855) 944-5598

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@tuv sud.com](mailto:James.Marsh@tuv sud.com)

# CPSC Reannounces Recall of Generac Portable Generators

## *Additional Finger Amputation and Crushing Injury Reported; New Repair Kit Available*



**Hazard:** An unlocked handle can pinch consumers' fingers against the generator frame when the generator is moved, posing finger amputation and

crushing hazards.

**Remedy:** Consumers should immediately stop using the recalled portable generators, unless the locking pin has been inserted to secure the handle in place before and after moving the generator, and contact Generac

for a free repair kit consisting of a set of spacers to move the handle away from the frame, eliminating the pinch point. Customers who had responded to the original recall will automatically be sent a new kit.

**Units:** About 321,160 (In addition, 4,575 were sold in Canada) These portable generators were [previously recalled](#) in July 2021

**Consumer Contact:**

Website: <http://www.generac.com/handleguard>

Phone: (844) 242-3493

# ZLINE Expands Recall of Gas Ranges

## *Recall include 48-inch gas ranges due to serious risk of injury or death from carbon monoxide poisoning*



**Hazard:** The oven of the gas ranges can emit dangerous levels of carbon monoxide (CO) while in use, posing a serious risk of injury or death from carbon monoxide poisoning.

**Remedy:** Consumers should immediately stop using the oven compartment of the recalled ranges until their oven compartment is repaired. Consumers may continue to use the range tops which are unaffected by the issue.

Contact ZLINE to obtain a free in-home repair.

Consumers should review [Protect Your Family from Carbon Monoxide Poisoning | CPSC.gov](#) for more information about preventing carbon monoxide poisoning.

**Units:** About 30,000 (including the 28,000 ZLINE 30 and 36-inch gas ranges recalled in December 2022)

**Consumer Contact:**

Website: <http://www.zlinekitchen.com/recalls>

Email: [ZLINEKitchen@realtimeresults.net](mailto:ZLINEKitchen@realtimeresults.net)

Phone: (888) 359-4482





[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)

*Continued on Page 10*

## ***-Continued from Page 9***

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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)

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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**

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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.