



# PIPELINE

FUEL FOR YOUR BUSINESS

JUL/AUG 2017

THE NEWSLETTER OF UTAH'S HVACR INDUSTRY

153 SOUTH 900 EAST, #3 • SLC, UT 84102 • WWW.UTRMGA.ORG

## RMGA Invites Members to Exhibit at Pathways to Professions

**JOIN RMGA IN A FOUR-BOOTH HVAC PAVILION at the Pathways to Professions Showcase on October 25-26 at the South Towne Expo Center, where over 120 Industry and 90**

**Education partners will participate in this 2-day event, aimed at expanding the workforce pipeline for construction trades, and other industry careers.**

Over 9,000 high school juniors and seniors will be bused to the Showcase to meet with industry leaders, business owners, and education partners to learn the specifics about salaries and job demands for a myriad of career opportunities.

RMGA is sponsoring a four-booth pavilion and a service truck on the Expo floor, and we invite member companies to come and meet the students and explain

**in detail what careers in HVAC might look like. Last year, multiple job offers were accepted at the event. RMGA will have giveaways and skill testing activities to engage the students.**



Come for a couple hours and work out of the RMGA pavilion, or purchase a separate booth for your company and exhibit next to the HVAC Pavilion.

Call the RMGA office at 801-521-8340 for more information on getting involved. ■

### RMGA Certification Course Videos Available Online!

The RMGA Natural Gas Technician Certification Course now includes access to 10 training videos on certification topics including gas pipe sizing, venting, combustion air and retro fit. With course payment, students receive a 60-day license to access the videos on any device: at home or office, on any computer, phone or tablet! Studying never got easier!

Sign up for the next RMGA Natural Gas Technician Certification Course and you can start reviewing these training videos now. Call the RMGA office at 801-521-8340 for your access code. ■

### Contractor State License Renewal 2017

Contractors are reminded that the two-year cycle for renewing their contractor license is coming up on November 30, 2017.

RMGA members may want to check with DOPL to make sure they have sufficient credit to qualify for renewal.

Track your CEUs by going online and to the following website: [www.utah.gov/ce-public](http://www.utah.gov/ce-public). ■





## MESSAGE FROM THE PRESIDENT

**RYAN SNOW, RMGA PRESIDENT**

Ryan Snow  
ryan@timeforcomfort.com  
801-224-8899  
westernheatingair.com

*Hello RMGA Members & Friends,*

*This will be my last message as the current RMGA President. I wanted to take this time and thank the members on the board for all that they do for the association. They have been great to work with and I know they are as passionate about the industry as I am. I am grateful for the relationships that I have made with our members. The RMGA is full of great, caring professionals that make this industry one of the best to be in.*

*I am excited for Ryan Rentmeister to take over the role of President. I know he will do a great job helping the RMGA continue to grow and prosper. I am looking forward to working with him and all our members for many years to come.*



## RMGA 2017-2018 OFFICERS & BOARD MEMBERS

### PRESIDENT

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*Ryan@rentmeister.com*

### PAST PRESIDENT

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### RMGA EXECUTIVE DIRECTOR

JOHN HILL  
*Hillmgmt@aol.com*

# LETTER FROM THE INCOMING PRESIDENT

RYAN RENTMEISTER

Ryan Rentmeister  
ryan@rentmeister.com  
801-807-9901



*Dear RMGA Members & Friends,*

*I am excited to help the RMGA move forward. I am very thankful for those that have held this post previously, and also thankful for present and past board members who helped to move this industry forward.*

*First, I will introduce myself to the general membership. I am a boss's kid. My father, Don Rentmeister, went to work for Dale Smedley in 1953, laying pipe behind a tractor. He and two cousins bought out Dale in 1963, and then split in 1978 into 3 companies, Rentmeister Heating, Flint Plumbing and Smedley's. Still today I consider these friends. OK, truth be told, when I win a job over Smedley's I get just a little excited, but then I remember we are friends and feel a little bad. (I think Gary feels the same way). I grew up in this industry. I took over ordering parts for our small service department at age 11. I then moved onto service apprentice, install apprentice, service tech, service manager and now, sales and engineering. I have a wife, only 6 kids, one granddaughter and another grandkid on the way. I have lived my whole life in Syracuse, minus 2 years. I have also been an instructor at the DATC in Kaysville for 19 years.*

*Rentmeister Total Home Service now has approximately 30 employees. We do HVAC new construction, retrofit, service, plumbing new construction, plumbing service and hearth products. We have had our challenges with employees, builders, customers, inspectors, cities, etc. I think we all have. I want to use this experience to help the members of the RMGA.*

*The RMGA has had some problems in the past. There has been some bad blood from other organizations. I want to change that. I want to start talks with a few groups to let our concerns be known. I feel we can only change things with the legislature if we are all on the same page and working together.*

*I want to make sure we are inclusive to other industries, namely the hearth and plumbing industries. They are and should be a part of RMGA. We need their strength and their help to move forward. I think we can also expand into more suppliers, affiliates, etc.*

*I want to expand what members get for their membership dues. Look for things to come.*

*Please plan to get involved with the RMGA at the Pathways to Professions employee recruiting event being held on October 25-26, at the South Towne Expo Center. Details to follow.*

*I want to make sure the training RMGA provides is of measurable worth to our members. I feel the board has been making great efforts to do this. I think the Education Summit with the LaPlants was a great event, allowing presenters outside of the area to address real questions. There is also now a web-based training course for the RMGA test, that the board has been working on for the last 6 months. This will be a great advantage for employers; employees may study on their own time and not have to wait two months for the next training.*

*I don't have all the answers, but between you, me and the board, we can find the right answers to move this forward. Please feel free to contact me with any concerns or suggestions. I hope we all find the employees we need, continue to grow our businesses and have more money at the end of the month.*

Sincerely,

# Meet and Get to Know: ROCIO SOTO

**Q.** What is your position within your company?

**A.** Administrative Assistant for RMGA.

**Q.** When you were a child, what did you want to be when you grew up?

**A.** Criminologist in the FBI.

**Q.** What are your favorite aspects of your job?

**A.** Provides a variety of responsibilities.

**Q.** What is a motto that you live by?

**A.** Everything is temporary.

**Q.** If you could travel anywhere in the world, where would you go?

**A.** I have been to Ireland 4 times and have never made it to Scotland. I love the people, culture and scenery in Ireland and I think Scotland would be similar with more castles.



ROCIO SOTO & FRIEND

**Q.** What three items are always in your fridge?

**A.** Half & half, eggs and cheese.

**Q.** What is the most high tech thing in your house?

**A.** Apple TV.

**Q.** Where is your favorite place to shop?

**A.** I'm not a shopper.

**Q.** What is your favorite movie?

**A.** Beautiful Girls.

**Q.** If you could invite any three people to dinner (dead or alive), whom would you invite and why?

**A.** Einstein, Obama and Steve Jobs — they were/are brilliant and inspiring.

**Q.** People would be surprised to know...

**A.** I'm a complete introvert.

*Rocio Soto can be reached at [rocio@utrmga.com](mailto:rocio@utrmga.com)* ■

## Get connected to the NEW RMGA WEBSITE: [www.utrmga.org](http://www.utrmga.org)

**LOG ON FOR:** Events & Education • Certification Classes • Code Books & Study Guides • Membership Information • Tracking Customer Referrals



# RMGA EDUCATION CLASSES

Call 801-521-8340 to register for all classes

3 Hours  
Continuing  
Education

## GAS CERTIFICATION CLASSES

### St. George

Thursday, September 14 &  
Friday, September 15  
8 am - 5 pm

### Review and Exam

Saturday, September 16  
8 am - 4 pm

All classes will be held at:  
Dixie Applied Technology College  
1506 South Silicon Way  
St. George, UT 84770

\$375\* per person

Price includes books, testing fees and lunch! \*Members earn a \$75 dues/education credit

### Salt Lake City

Thursday, September 22 &  
Friday, September 23  
8 am - 5 pm

### Review and Exam

Saturday, September 30  
8 am - 4 pm

All classes will be held at:  
Hercules Industries  
475 N. Billy Mitchell Road  
Salt Lake City, UT 84116

\$375\* per person

Price includes books, testing fees and lunch! \*Members earn a \$75 dues/education credit

## CODE UPDATE TRAINING

### Salt Lake City

Wednesday, September 6  
5 pm - 8 pm

Training held at:

Hercules Industries  
475 N. Billy Mitchell Road  
Salt Lake City, UT 84116

### St. George

Thursday, October 12  
5 pm - 8 pm

Training held at:

Dixie Applied Technology College  
1506 South Silicon Way  
St. George, UT 84770

This course covers recent code adoptions and changes (adopted by Utah on July 1, 2016) to:

- 2015 International Residential Code
- 2015 International Fuel Gas Code
- 2015 International Mechanical Code
- Attendees will receive the IRC, IFGC and either the IMC or IPC codebooks

Three hours of continuing education, dinner, and 2015 code books provided for only \$100\*!

Register at [www.utrmga.org](http://www.utrmga.org) or call RMGA at 801-521-8340 to RSVP.

\*Members earn a \$50 dues/training credit

Partial funding of RMGA training programs have been provided by the Division of Occupational & Professional Licensing from the 1% surcharge funds on all building permits.

# Time out for a little humor

THE WALL STREET JOURNAL



"You have a wife—you don't need a life-coach."

THE WALL STREET JOURNAL



"Can we find his lawyer guilty too?"

THE WALL STREET JOURNAL



"He is survived by five hundred and eighty three Facebook friends."

# MECHANICAL CODE DISCUSSION

## Gas Pipe Testing



BRENT URSEBACH

### BRENT URSEBACH

SALT LAKE COUNTY PLANNING  
AND DEVELOPMENT  
bursenbach@slco.org  
385-468-6694

PROCEDURES FOR GAS PIPE testing are found in Section 406 – International Fuel Gas Code (IFGC) and Section G2417 – International Residential Code (IRC). Quoting several sub-sections in the IFGC, with comments on each:

**406.1 General.** Prior to acceptance and initial operation, all *pipng* installations shall be **visually inspected** and **pressure tested** to determine that the materials, design, fabrication, and installation practices comply with the requirements of this code.

- The inspector must have access to the entire line to visually inspect the piping for compliance to all code requirements identified.
- The pressure testing of some form is required for all piping.

**406.1.3 New branches.** Where new branches are installed to new *appliances*, only the newly installed branches shall be required to be pressure tested. **Connections between the new *pipng* and the existing *pipng* shall be tested with a**

**noncorrosive leak-detecting fluid or other *approved* leak detecting methods.**

- A new line, connected to an existing line, ran to a new appliance, must be pressure tested, with the connection between the new and old piping, checked with soap bubbles, electronic detection, or a meter spot test.
- Changing from 4 oz. to 2 lb. psi is consider a new line, so the entire line must be tested.



**406.3.3 Appliance and equipment disconnection.** Where the piping system is **connected to *appliances* or *equipment*** designed for operating

pressures of less than the test pressure, such *appliances* or *equipment* shall be **isolated from the *pipng* system** by disconnecting them and capping the outlet(s).

- When testing a new line, simply shutting of ball valves at the appliances only isolates, it does not disconnect the test pressure from the appliance. At a minimum, the unions or connectors should be checked to prevent the possibility of excessive pressure up against the appliance gas valve.

### 406.4 Test pressure

**measurement.** Test pressure shall be measured with a manometer or with a pressure-measuring device designed and **calibrated** to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. **Mechanical gauges**

**used to measure test pressures shall have a range such that the highest end of the scale is not greater than five times the test pressure.**

■ **The gauge shall be calibrated.**

What's the condition of the test gauges bouncing around in the back of your pipe fitters truck? I often encounter gauges in terrible condition which do not go to zero when all air is discharged from the system. I've inspected lines with no pressure and a beat-up gauge stuck at 15 psi.

- The minimum deflection of the gauge must be 20% of full scale, i.e., 20 psi on a 100-psi gauge; however, the inspector must make a judgement call on the required device design of the gauge. Based on my experience testing hundreds if not thousands of gas lines through my career, and observing many

more as a code official, a 30 psi / 1 psi increment gauge requires a minimum 10 psi, with a 20 to 30-minute duration. If you want to test to a minimum lowest pressure, 3 psi for 4 oz. or 6 psi for a 2 lb. meter set, the gauge will need to be a 0.1 psi increment gauge.

**406.4.2 Test duration.** Test duration shall be not less than 1/2 hour for each 500 cubic feet (14 m<sup>3</sup>) of pipe volume or fraction thereof. When testing a system having a volume less than 10 cubic feet (0.28 m<sup>3</sup>) or a system **in a single-family dwelling, the test duration shall be not less than 10 minutes.** The duration of the test shall not be required to exceed 24 hours.

- This sub-section recognizes small,

short lines will show a leak in a short period of time, while a large longer line requires a longer test. The 10 minutes is a minimum time for a single-family dwelling. I mark the gauge when I arrive on a site, then complete all requested inspections. The test duration might be 30 minutes, and hour, or longer.

**In summary; install per all code and manufacturer's requirements, use a good gauge, isolate, and disconnect appliances, pressurize to a deflection where a pressure drop is readily observable, and insure an inspection is scheduled and can be completed.**

*Thanks again for your comments and questions. —Brent ■*

## Enhance your Brand, include the RMGA Logo in your Company Communications



Over the past several years, the Rocky Mountain Gas Association has built an impressive reputation. Because ours is a respected organization the association's name and logo constitute a strong positive identity for your organization.

Your Logo Here

Use the RMGA brand to enhance your company's name. Include the RMGA logo in all your company identification:

- Stationary
- Invoices
- Promotional Brochures
- Service Vehicles, etc.



RMGA membership proves that your company: Meets standards for membership / Has a long-term view of the industry / Supports industry improvement / Protects the rights of customers and contractors / Supports worker safety / Is stable.

Logo artwork is available at the RMGA office. Call 801-521-8340 or on our website: [www.utmga.org](http://www.utmga.org)



# PIPELINE

FUEL FOR YOUR BUSINESS

153 SOUTH 900 EAST, #3  
SALT LAKE CITY, UT 84102

RETURN SERVICE REQUESTED

## Meet the new boss.

Are you prepared if something were to happen to you? Is your successor? You deserve to transition your business to the next generation in the manner you deem best. A sound business succession plan can help protect your life's work. Call your local marketing representative or visit [federatedinsurance.com](http://federatedinsurance.com) to learn more.



It's Our Business to Protect Yours  
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Overtonna, Minnesota 55080 | 507.455.5200 | [www.federatedinsurance.com](http://www.federatedinsurance.com)

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