



# PIPELINE

FUEL FOR YOUR BUSINESS

MAR/APR 2020

THE NEWSLETTER OF UTAH'S HVACR INDUSTRY

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

WEDNESDAY • APRIL 8

**RMGA  
EDUCATION  
SUMMIT  
2020**

HOTEL RL • SLC, UTAH

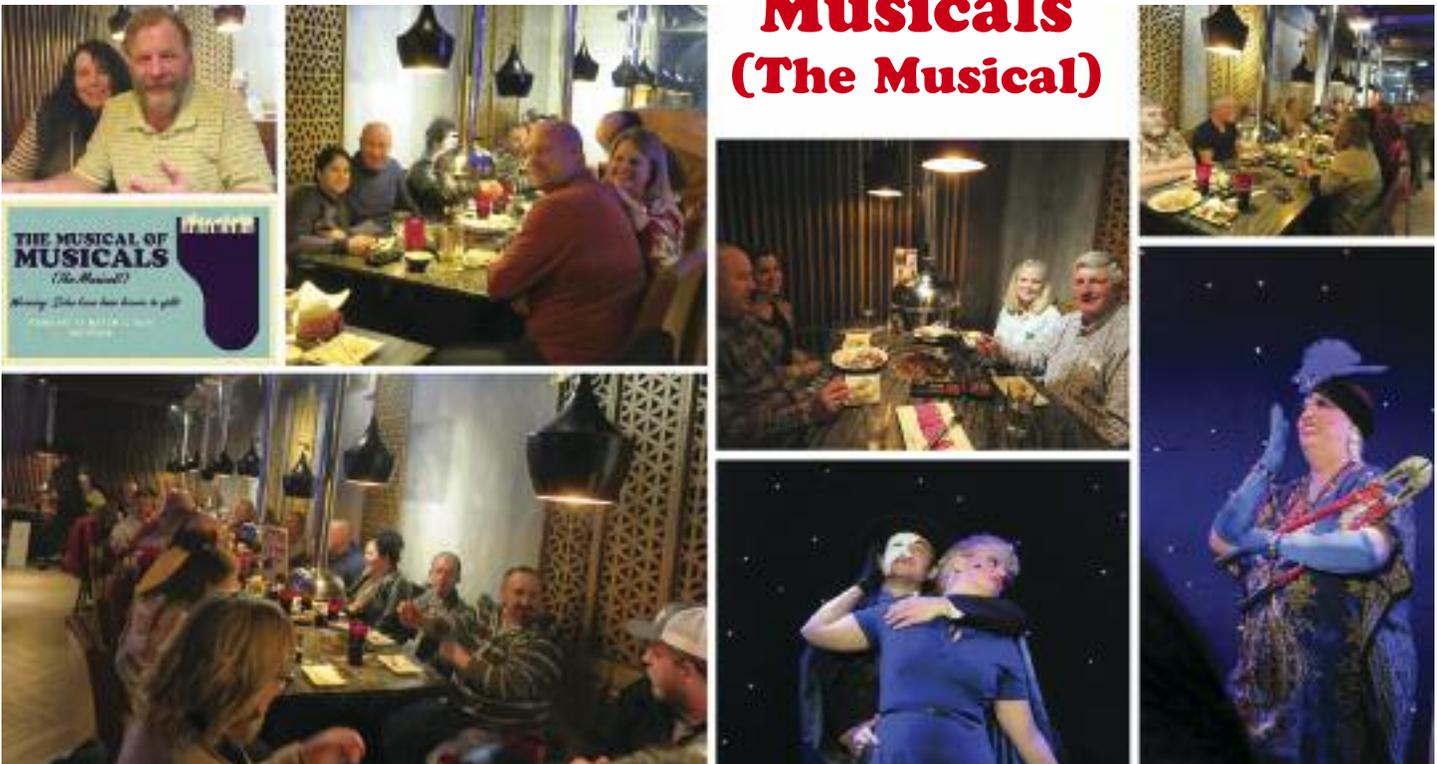
## 2020 Education Summit

Mark your calendar and get registered to attend this year's **RMGA Education Summit on Wednesday, April 8 at Hotel RL** (161 W 600 S, SLC). Don't miss this opportunity to get updated on building codes, the economy, and **earn all 6 hours of continuing education needed for license renewal!** Registration form inside, or register online at: [www.utmga.org](http://www.utmga.org)! ■

**3 hours HVAC CORE  
& 3 hours PRO  
Continuing Education  
Credit available!**

## RMGA Sweetheart Social February 15, 2020

### Musical of Musicals (The Musical)



After a fun “cook your own” dinner at OMBU Grill, several prizes were raffled off, including a heated bidet toilet seat won by Chris Barker with Thornton Plumbing & Heating. The 32 RMGA attendees then enjoyed Salt Lake Community College’s production of “The Musical of Musicals (The Musical)” at the Grand Theater. Don't miss out next year! ■

# BOARD BRIEFING JAN & FEB 2020

Jamie Schumacher  
jamie@gunthers.com  
801-756-9683 ext 230

## MESSAGE FROM OUR PRESIDENT JAMIE SCHUMACHER



*Dear RMGA Members & Friends,*

*One of the most difficult things to schedule is time to figuratively “sharpen the saw”; with all the demands on our time, the tendency is to just keep pushing through hoping that there will be a more “favorable time” to learn.*

*C.W. Lewis said, “The only people who achieve much are those who want knowledge so badly that they seek it while the conditions are still unfavorable. Favorable conditions never come.”*

*It is good advice to set aside some time in your day/week to learn something new: read an article or chapter in a book, attend a training, watch some videos; even a few minutes of time invested can pay large dividends throughout the year.*

### Employee Comp Survey

RMGA has sent an Employee Compensation survey to members and plan another email blast to get more responses. Members are encouraged to take the SurveyMonkey; all company information is held in complete confidence with only cumulative results reported to RMGA survey responders. GO TO: <https://www.surveymonkey.com/r/VLQV99M>; you could win a drawing for a \$100 Amazon gift card!

### DOPL Field Inspectors

Last month, RMGA leadership met with Department of Commerce Director, Mark Steinagel regarding DOPL field inspectors checking HVACR Contractors for proof of RMGA certification. The meeting also resulted in revisions to the instructions for Contractors wanting to become S350 licenses. Now, language reminding them of the State statute, requiring RMGA certified technicians when S350 contractors perform furnace work for consumers is now included. Also, the Utah Homebuilders have agreed to send a letter to their members to stress the importance of hiring S350 contractor license holders with gas technicians that are RMGA Certified.

### Wyoming Updates

Jeff Bybee with Dominion Energy reported to the board that Pinedale Gas and Lower Valley Energy (Jackson Hole area) in Wyoming are also interested in moving forward with Gas Technician Certification in their marketing areas, following Dominion’s lead in SW Wyoming.

### Journeyworkers

RMGA has grandfathered 5 journeyworkers with another 15 in the pipeline and 11 newly approved journeyworkers who will be issued DOL Certificates after a 6-month waiting period. We are developing a journal for new Apprentices to manage their progression toward completing the 3-year program, since the Dept. of Labor requires verification every 1,000 hours of the apprenticeship.

## WELCOME RETURNING MEMBERS!



### Dennis Faulkner DENNY’S HEATING & COOLING

1024 East 5750 South  
Ogden, UT 84405  
dennyservice@netzero.com  
801-645-8324

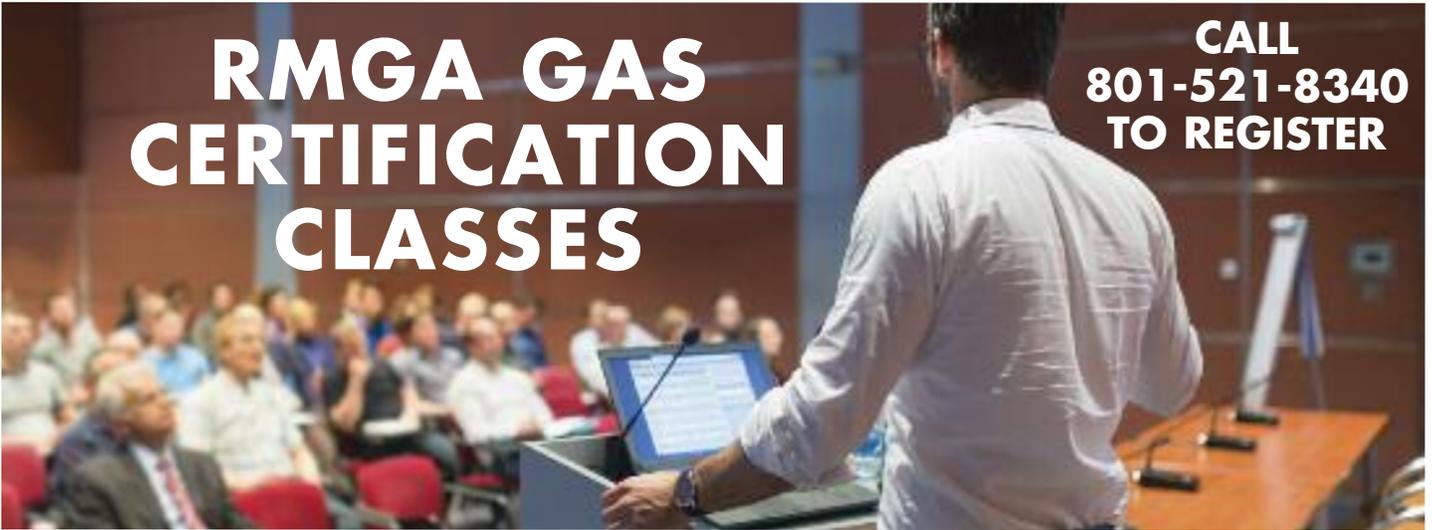
### Patrick Stratford HOLBROOK SERVICE LLC

1580 South Pioneer Road  
Salt Lake City, UT 84104  
pstratford@holbrookservice.com  
801-359-3769

BOARD BRIEFING CONTINUES PAGE 5

# RMGA GAS CERTIFICATION CLASSES

**CALL  
801-521-8340  
TO REGISTER**



## **Salt Lake City**

Thursday, May 7  
Friday, May 8 &  
Saturday, May 9  
8 am - 5 pm

Classes held at:  
Dominion Energy  
CTC Training Room  
1000 West 100 South, SLC, UT

## **Rock Springs, WY**

Thursday, July 9,  
Friday, July 10 &  
Saturday, July 11  
8 am - 5 pm

Classes held at:  
Dominion Energy  
1005 D Street, 2nd Floor  
Rock Springs Wyoming 82901

## **St. George**

Thursday, Aug 13  
Friday, Aug 14 &  
Saturday, Aug 15  
8 am - 5 pm

Classes held at:  
Dixie Technical College  
610 S Tech Ridge Drive, Bldg A  
St. George, Utah 84770

Gas Certification Classes price: \$400

Price includes the RMGA Study Guide, IFGC Book, online videos, instruction and lunch all 3 days and two attempts at exam\* (if necessary). \*New Pre-test evaluates technician readiness.

## **Important RMGA Certification Class Info**

- HVAC technicians will have a 4 hours and 10 minutes to complete the RMGA Certification Exam. This 10 minutes is to allow for a break, should one be needed. The time continues to run on the clock.
- A basic understanding of geometry is very beneficial to succeeding on the exam, as is, our pre-test which is available on our website.
- Free exam retakes are limited to six months from the last date of your class. For example, If the last day of your class is January 11th, you have until July 11th, 2020 to use your retake voucher
- If a technician has previously taken the RMGA Certification class and has their RMGA training materials, they can Audit the class for \$150. If the RMGA Study Guide is prior to January 2019, the updated tabs and pages are an additional \$25, plus any required testing fees.
- Technicians attending an RMGA Certification class will be emailed a Pre-Paid Test Voucher. All test vouchers are pre-paid, so testers not taking an RMGA Class can obtain a voucher by calling or emailing RMGA. Testers are required to pay any proctor fee directly to the testing center they choose. **Effective January 1, 2020 all test vouchers/retest vouchers expire within 6 months.**

*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.*

# MECHANICAL CODE DISCUSSION

## Duct Insulation



BRENT URSEBACH

### BRENT URSEBACH

HVAC EDUCATOR/  
EXPERT WITNESS

bursenbach@gmail.com

801-381-1449

PAST ISSUES HAVE DISCUSSED duct insulation, including the improper application of bubble foil materials, installed without required sealed airspaces. This issue will discuss insulation R-value requirements for both residential and commercial applications as defined in the International Energy Conservation Code (IECC).



#### Residential Duct Insulation

The 2015 residential code states:

##### **R403.3.1 Insulation (Prescriptive).**

Supply and return ducts in attics shall be insulated to an R-value of not less than R-8 for ducts 3 inches (76 mm) in diameter and larger and not less than R-6 for ducts smaller than 3 inches (76 mm) in diameter. Supply and return ducts in other portions of the building shall be insulated to not less than R-6 for ducts 3 inches (76 mm) in diameter and not less than R-4.2 for ducts smaller than 3 inches (76 mm) in diameter.

**Exception:** Ducts or portions thereof located completely inside the building thermal envelope.

#### Summarizing:

- 3" or larger supply and return ducts in attics must be insulated to a minimum R-8.
- Ducts smaller than 3" in attics must be insulated to R-6. (high velocity systems)
- 3" or larger supply and return ducts in crawlspaces or un-insulated basements must be insulated to a minimum R-6, with those smaller than 3" insulated to R-4.2.

R-4 insulation for return air ducts *has not* been allowed by the code since January 1, 2007, with the adoption of the 2006 IECC.

#### Commercial Duct Insulation

The 2018 commercial code states:

##### **C403.11.1 Duct and plenum insulation and sealing (Mandatory).**

Supply and return air ducts and plenums shall be insulated with not less than R-6 insulation where located in unconditioned spaces and where located outside the building with not less than R-8 insulation in Climate Zones 1 through 4 and not less than R-12 insulation in Climate Zones 5 through 8.

#### Summarizing:

- The commercial code does not give an exception for ducts smaller than 3" ducts
- In Washington County, Climate Zone 3, the requirements for ducts in attics (or on roofs) is R-8.

- In all other counties in Utah, Climate Zones 5 or 6, ducts in attic (or on roofs) require R-12 insulation.

Please be aware the 2018 residential code, which we did not adopt in Utah, recognizes the significant heat loss and heat gain reductions realized when ducts in attics are buried in the attic insulation. Every effort should be made to keep duct systems in attic low as possible allowing covering with the blown insulation, or even better, bring the duct inside the thermal envelope.



Also remember where at least 25% of a duct system or the air handler/furnace is located outside the thermal envelope, duct blaster testing is required.

*Thanks again for your response to these discussions. Please continue to contact me with your comments and questions.—Brent ■*

## BOARD BRIEFING CONTINUED FROM PAGE 2

**Pathways to Professions**

RMGA members participated in a career expo for high school students from around the state. Thanks to everyone who helped out and Brigham Heating & Cooling for exhibiting a service vehicle.

**Next RMGA Board Meeting**

**Our next Board meeting is at noon, Wednesday, March 11 at Johnstone Supply (2940 S 300 W, SLC) everyone is welcome and lunch is served! Call RMGA to RSVP and to get on the board meeting email list (801.521.8340) ■**

**Form WH-342 - Designation Notice Required?****Question**

If an employee is not eligible for FMLA leave is the employer required to provide the WH-382 form (Designation Notice)?

**Answer**

Employers are not required to use the federal Family and Medical Leave Act (FMLA) Designation Notice (Form WH-382) published by the Department of Labor, but leave covered under the act must be designated as FMLA-protected and the employer must inform the employee in writing of the amount of leave that will be counted against the employee's FMLA leave entitlement.

If an employee is not FMLA-eligible, the employer can indicate this on the Notice form by checking next to the lines that read "Your FMLA Leave request is Not Approved" and "The FMLA does not apply to your leave

request." In cases where an employee's ineligibility is because they have already taken all available leave under the Act in a 12-month period, the employer also checks next to the line that reads: "You have exhausted your FMLA leave entitlement in the applicable 12-month period." The employer should retain a copy of any Designation Notice provided to an employee (whether or not FMLA is designated, as the case may be) and retain it in its records for three years (ideally in a confidential file separate from the personnel file).

While use of Form WH-382 is optional, it provides an easy method of providing employees with the written information required by 29 C.F.R. §§ 825.300(c), 825.301, and 825.305(c)." These sections of the FMLA



Regulations govern employer notice requirements, designation and certification, respectively, and we invite you to review them at the Electronic Code of Federal Regulations; Part 825 – The Family and Medical Leave Act of 1993.

We recommend that in all cases where an employee seeks or directly or even indirectly requests leave under the FMLA, the employer provide him or her with the Designation Notice WH-382. The Regulations state that this should be done "once the employer has acquired knowledge that the leave is being taken for an FMLA-qualifying reason" (see Employer Notice Requirements).

*This article appeared on the Federated Insurance Website, January 20, 2020. ■*

# Congratulations RMGA Scholarship Winners



The Rocky Mountain Gas Association awarded six \$500 scholarships in 2019, with two winners from Dixie Tech: Christopher Meyers and Jeremy Crow. Three students from MTech won awards: Gustavo Quiñonez, Hayden Loveless and Jacob Dedrickson, and Lance Furniss who is attending Ogden-Weber also won a scholarship!

The winning student's HVACR Instructors presented the checks in front of their classmates, which will build awareness and excitement for scholarships. Next year, we hope to award even more deserving first and second year HVACR technician students with RMGA Scholarships.

## Turn Your Life's Work into a Proud Legacy

Let us help you prepare for the next stage of life with business succession and estate planning support.

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Scan to read our latest article on a life and disability insurance topic impacting business leaders.

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Workers Compensation | Bonding  
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WEDNESDAY • APRIL 8

**RMGA**  
 EDUCATION  
 SUMMIT  
 2020

HOTEL RL • SLC, UTAH

# 2020 RMGA EDUCATION SUMMIT

## WEDNESDAY, APRIL 8

HOTEL RL • 161 WEST 600 SOUTH • SALT LAKE CITY

### SCHEDULE OF EVENTS

- |                     |   |  |
|---------------------|---|--|
| 7:45 - 8:00 AM      | → | Continental Breakfast  |
| 8:00 - 8:05 AM      | → | Welcome and Introductions<br><i>Jamie Schumacher President, RMGA</i>   |
| 8:05 - 9:00 AM      | → | When, Not if: Economic Trends Showing Recession?<br><i>Robert Spendlove, Zions Bank</i>  |
| 9:00 - 10:15 AM     | → | Mechanical Provisions in the Energy Code—Part 1<br>Code Requirements for Retrofit HVAC & Plumbing Installations<br><i>Brent Ursenbach, West Coast Code Consultants</i> |
| 10:15 - 10:25 AM    | → | Morning Break  |
| 10:25 AM - 11:55 AM | → | Mechanical Provisions in the Energy Code—Part 2<br>Code Requirements for New Construction & Permit Compliance<br><i>Brent Ursenbach, West Coast Code Consultants</i>   |
| 12:00 - 1:25 PM     | → | Federated Insurance – Safe Driver Lunch<br>State Legislative & Wyoming Expansion Updates   |
| 1:30 - 2:30 PM      | → | Ductless Heatpumps – Retrofit Applications<br><i>Chris Fleming, CLEAResult</i>   |
| 2:30 PM             | → | Raffle Drawing / Closing Remarks   |

3 hours HVAC CORE  
& 3 hours PRO  
Continuing Education  
Credit available!

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

RETURN SERVICE REQUESTED

**RETURN THIS REGISTRATION FORM TO: RMGA • 153 SOUTH 900 EAST, #3 • SALT LAKE CITY, UT 84102**  
**Fax to: 801-521-8360 or Email to: rocio@utrmga.com YOU CAN ALSO REGISTER AT: www.utrmga.org**

## RMGA EDUCATION SUMMIT 2020 REGISTRATION FORM • April 8, 2020

WEDNESDAY • APRIL 8



HOTEL RL • SLC, UTAH

company name \_\_\_\_\_

email \_\_\_\_\_

contractor # \_\_\_\_\_ phone # \_\_\_\_\_

check box for CE

Names of Attendees \_\_\_\_\_

from Same Company: \_\_\_\_\_

### registration fees:

FIRST ATTENDEE @ \$100 \_\_\_\_\_

Additional Attendees @ \$75 \_\_\_\_\_

Tech College Student @ \$25 \_\_\_\_\_

Continuing Education Fee @ \$15 \_\_\_\_\_

for check payment  
amount enclosed:

Make check out to RMGA

\$ \_\_\_\_\_

### sponsorship opportunities:

How Many? GOLD \_\_\_\_\_ @\$600

SILVER \_\_\_\_\_ @\$400

BRONZE \_\_\_\_\_ @\$200

### for credit/debit card payment:

Please submit registration to Rocio and she will call you for credit card payment.

Payment Contact and Phone: \_\_\_\_\_

#### GOLD \$600

- Sign with company name displayed prominently at all functions
- Convention registration for 3 (includes 3 raffle tickets)
- 5 minutes during Member Meeting to promote your business
- Special recognition in RMGA Pipeline Newsletter

#### SILVER \$400

- Sign with company name displayed prominently at all functions
- Convention registration for 2 (includes 2 raffle tickets)
- 2 minutes during Member Meeting to promote your business
- Special recognition in RMGA Pipeline Newsletter

#### BRONZE \$200

- Sign with company name displayed prominently at all functions
- Convention registration for 1 (includes 1 raffle ticket)
- Special recognition in RMGA Pipeline Newsletter