

NEWS & VIEWS

April, 2017

The Pacific NW Heating Cooling Association
Serving Oregon and SW Washington



P.O. Box 87907
Vancouver, WA. 98687-7907
360-834-3805
dick@oracca.org

Inside This Issue

April Meetings	1-2
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Condensate Pump Code Interpretation	3
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Sponsorship	4
-------------	---

Technician Training Day 7 NATE CEU's	5-6
---	-----

Benefits	7
----------	---

Calendar	8
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Take I-5 North or South, depending on the direction from which you are starting.

Take the Nyberg St exit, EXIT 289, toward Tualatin-Sherwood Rd.

Turn West onto SW Nyberg St. SW Nyberg St becomes SW Tualatin Sherwood Rd.

Turn right onto SW Cipole Rd.

SW Cipole Rd is 0.1 miles past SW 124th Ave. You will see the NW Natural facility, 20285 SW CIPOLE RD is on the left.

What?
**Mfg. Rep's
Presentations**

When?
11:30AM, April 6th.
at NW Natural Sherwood
20285 SW Cipole Rd. Sherwood,
OR 97140

April 6th - Mfg. Reps Presentations April 20th - Code Officials



The **April Product Update meeting** is scheduled to be held at the NW Natural, Sherwood Facility, 11:30AM, April 6, 2017. This **meeting and Lunch** are sponsored by NW Natural

This meeting qualifies for 1.0 NATE CEU credits

Several of these manufacturers Representatives will have factory personnel with them to assist in the presentations and some will be **offering items for raffle or discounts on products they represent, just for attendees.**



AquaMotion

Casey Hollabaugh, Hollabaugh Bros and Assoc. representing over two dozen different manufacturers product lines, will be presenting on AquaMotion. Offering a wide range of Cast Iron, Stainless Steel, and Variable Speed Circulators, Recirculation Systems, Replacement Cartridges and Flanges and Accessories
www.hbarep.com
Phone: 503-238-0313



Panasonic ERV

Tim Trantham, Pacific Product Sales, representing multiple manufacturers products lines, will present on Panasonic ERV systems
www.pacificproductsales.com
Phone: 425-392-6148



Reme • Halo

Mike McNulty and Damien Hendricks, **Build Products NW**, representing over 20 manufacturers lines, will be presenting on the Reme Halo in duct air purifier by RGF.

<http://www.buildproductsnw.com>
Phone: 503-583-2535



Nolan Bozarth, Cascade Products, representing multiple manufacturers products lines, HVAC, mechanical and plumbing sales to the commercial and residential markets, will present on Fujitsu HVAC systems.

www.cascadeproducts.com
Phone: 503-460-3673



Bruce Cushman, PacWest Sales, Inc. representing nearly 20 manufacturers lines, will be presenting on Bosch's New Inverter Driven Split System Heat Pump
<http://www.pacwestsalesinc.com/>
Phone: 425-493-9680

See you at NW Natural..... stop by for lunch and see all these product presentations. Undoubtedly there will be opportunity for profit among them.

NEWS & VIEWS

April, 2017



April 20 @ PGE Tualatin Codes Update for 2017

The **MEMBER ONLY** quarterly joint ORACCA/OMOA Codes update meeting is scheduled to be held at the PGE Customer facility at 7881 S.W. Mohawk St., Tualatin, OR 97062 at 11:00AM, Thursday, April 20th.



Lunch is being provided by Federated Insurance, so bring your appetite and join your fellow HVAC contractors to network and hear about these code issues. **This is an ORACCA member's only meeting.**

Membership applications will be taken at the door for those that are interested in joining the ORACCA association. Join ORACCA and get free attendance to meetings, member price on training and testing and, if qualified, great medical insurance rates.

This is a joint meeting between ORACCA and OMOA. (The Oregon Mechanical officials Association). Their membership consists of code officials from State and local jurisdictions throughout Oregon.

Therefore, many representatives from the surrounding area are invited, to add their thoughts to the discussion of the status of the current codes and advise the attendees of any changes, which are imminent or will be coming on-line in the near future.

All interesting and important subjects

which can and will affect your businesses, so plan to attend and learn. See you at PGE Tualatin! Have lunch, and listen to the people who can answer your code questions.

Some issues that have been discussed to date are the setback issue, condensing unit sound limits, condensate pumps, accepted method of pressure testing a gas line that you have added onto an existing gas line, combustion air calculations, exhaust system for Bud processing, distilleries, breweries and pot growing systems, etc. Lacey Garrett will present on the Gas Express program

The people who can answer your questions will be there, so don't miss it.

Brazing Certification

March 24, 2017 at the PCC facility on Swan Island. **Class is full.**

Technician Training

May 2, 2017 at the NW College of Construction. Sponsored by Thermal Supply. **7 NATE CEU hours.** For any of your technicians who have a NATE certification, this is not a one-time deal. NATE requires that each person participate in ongoing training to maintain their certification. NATE requires 16 CEU hours every two years, in order to keep the certification active. See pages 5-6 for information.

NATE Testing

May 17, 2017 at the NW Natural, Downtown. Registration forms are available on the ORACCA website under the training tab.



P.O. Box 87907
Vancouver, WA. 98687-7907
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Inside This Issue

Code Meeting

From I-5 S toward Salem/
Beaverton.

Take the Nyberg St exit, EXIT
289, toward Tualatin-
Sherwood Rd.

Turn right onto SW Nyberg St.

Turn left onto SW Martinazzi
Ave.

Turn left onto SW Warm
Springs St.

Take the 1st right onto SW
Mohawk St.
If you reach the end of SW
Warm Springs St you've gone
about 0.1 miles too far

7881 SW Mohawk St,

What?
Codes Update
for 2017

When?
11:00AM, April 20th.
at PGE
7881 S.W. Mohawk St.
Tualatin, OR 97062

CODE UPDATE

This is an excerpt from an email received from Bill Hendrix, President OMOA. “Lyle Bohnet from PDX and a couple of contractors have brought up the furnace condensate pump issue again for clarification. Samantha found her copy of the statewide code interpretation from BCD on this, dated 2005, which is still in effect until the permanent code change (already approved for the ORSC) is published and adopted for the State.”

Bill included the attachment shown below for ORACCA members use, and to quote it to an unknowing inspector, until such a time as all of the code change proposals are completed at BCD. He asked that it be reprinted in our next newsletter as needed for members.

Condensate Pump Issue Clarification

STATE OF OREGON
BUILDING CODES DIVISION
STATEWIDE INTERPRETATION

No. G2408.2

OREGON RESIDENTIAL SPECIALTY CODE
SUBJECT: Elevation of condensate pumps in a garage

CODE SECTION: Section G2408.2.

CODE EDITION: 2005 Edition of the Oregon Residential Specialty Code.

DATE: September 26, 2005

QUESTION: If a hermetically sealed, submersible condensate pump is used to dispense condensate from a furnace or air-conditioning appliance, can it be placed directly on the garage floor or does it have to be raised 18 inches?

ANALYSIS: The Oregon Residential Specialty Code (ORSC), Section G2408.2 states in part;

“Heating and/or cooling equipment and water heaters covered by this code, located in a garage and which generate a glow, spark or flame capable of igniting flammable vapors shall be installed with sources of ignition at least 18 inches above the floor level.”

A condensate pump used as an apparatus to a furnace or air-conditioning appliance is considered part of the heating and/or cooling equipment.

CONCLUSION: A submersible condensate pump will not generate a glow, spark or flame sufficient enough to ignite flammable vapors and is therefore not required to be elevated 18 inches above a garage floor.

HAVE A DISAGREEMENT WITH A CODE INSPECTOR’S DECISION? YOU CAN APPEAL TO BCD.
You can use this form to appeal any inspector’s decision, whether they are a city, county or state employee.
<http://www.bcd.oregon.gov/pdf/4623.pdf>



ORACCA distributes NEWS & VIEWS on a monthly basis to members and selected non-members, so that all those in the HVAC/R industry can keep informed of issues regarding our trade, and Chapter activities. We hope the non-members will see this newsletter as an example of the quality services that ORACCA provides. Contributions or suggestions can be faxed to Association Headquarters at 503-914-1999 or emailed to dick@oracca.org



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SPONSOR OF THE MONTH



NW Natural[®]

**20285 SW Cipole Rd.
Sherwood, OR 97140**

. TRAINING/ TESTING

Brazing Certification Test, March 24, 2017,
PCC @ Swan Island Facility (**CLOSED**)

NATE Test, May 17, 2017,
NW Natural, Portland, OR.

Brazing Certification Test, June 16, 2017,
PCC @ Swan Island Facility

Not a member? We'd love to serve you, too.

For additional information visit www.oracca.org or call 360-834-3805. Email dick@oracca.org

Technician Training Day



Presenting a Day of Technician Training, Tuesday, May 2, 2017, at the NW College of Construction., 8111 NE Holman St, Portland, OR 97218. This session runs from 7:30AM to 3:00PM, with lunch provided by Thermal Supply. Have your dispatcher plan your technician's day starting with training at NWCC.

Our presenter, Rick Streacker, National Training Manager for Packard. Rick supports customers and sales reps in the US, and is a product training expert - developing NATE approved programs for wholesalers and contractors. Thermal Supply is sponsoring, bringing Rick in from Packard Headquarters in Kennesaw, GA. Packard is a master distributor of HVAC/R solutions for manufacturers all over the world.



Rick's HVAC experience began in 1969 as a technician in a motor shop. Since then he has worked with two international motor/blower manufacturers in a variety of sales engineering and sales management roles. Rick is recognized as one of the best trainers in the United States by the HVAC/R News

This is a great opportunity for your service technicians to get training and improve their worth to your company. Rick will start with **basic electricity**. Nothing is serviced properly without this basic knowledge. He'll work from there to motors, sizing, matching horse power, capacitors and proper diagnosing of problems. Blower motor season is upon us and the more knowledge your techs have, the better work they perform. More money in the company coffers. From there, Rick will go on to other electrical components of the system as time permits.

We are running this Full-Day session for area technicians, starting with the basics and working through some of the more difficult areas involved with the service trade. Class will include discussion of: Basic electricity applied to HVAC/R; Motor types and characteristics including shaded pole, PSC, ECM, three phase, belt drive, pump; Electrical components including capacitors, relays, transformers; Compressor designs and characteristics and Static pressure and its effect on performance.

Virtually every subject a good technician needs to know in order to do his job efficiently and quickly and give your customers the service they deserve.

This session will give attendees 7 NATE CEU hours of credit toward their requirements

Packard developed Packard Academy, as a complete HVACR critical components training program. Unlike other training programs focusing on one HVACR component, Packard's program is designed to train on the entire product line, demonstrating how the various critical components in the HVACR system interact with each other resulting in either proper or improper performance of the system. Something every technician needs training on.

To help defray the cost of this session we are charging \$100.00 for ORACCA Mbrs and \$200.00 for non members per Company. Send as many technicians as you wish. This a great value and an outstanding learning opportunity. Don't miss it. The education will pay benefits in the form of more completed calls.

So plan to have your techs join us for this Full day session on the 2 nd. RSVP to ORACCA at dick@oracca.org



Registration Form May 2nd Training Day

Return the completed form and make check payable to:

ORACCA

Oregon Air Conditioning Contractors Association
P.O. Box 87907, Vancouver, WA. 98687-7907
Voice: 360-834-3805 • Fax: 503-914-1999
E-mail: dick@oracca.org

Oregon Air Conditioning
Contractors Association

FAX ORDERS WELCOME
With Credit Card
VISA, M/C, AMEX
Please make copies
of this form to use for
future orders

REGISTRATION INFORMATION

Name _____ Company _____
Phone _____ Email _____

Name _____ Company _____
Phone _____ Email _____

Name _____ Company _____
Phone _____ Email _____

METHOD OF PAYMENT

American Express
 Master Card
 Visa
 Check

Credit Card # _____ Security Code _____

Cardholder's Name _____

Expiration Date _____ Check # _____

Authorized Signature _____ Make checks ORACCA

Zip Code _____ payable to: P.O. Box 87907
Vancouver, WA. 98687-7907

ORDERING INFORMATION - IMPORTANT - FILL OUT CONTACT INFORMATION BELOW

Please send more information about
ORACCA membership products and ser-
vices
Send attention _____

Address _____

ORACCA Member
 Non Member

Catalog ID	Description	Qty	Unit Price	Total Cost
320RT	Full Day Training ORACCA Member		\$100.00	
320RT	Full Day Training NON Member		\$200.00	
	Total			

To help defray the cost of this session we are charging \$100.00 or \$200.00 per Company. Send as many technicians as you wish. This a great value and an outstanding learning opportunity.

**** THE FOLLOWING INFORMATION WILL BE NEEDED FOR CONFIRMATION**

Name _____ Company _____

Address _____

City/State/Zip _____ Email _____

Phone Number _____ Fax _____



Did You Know ...

Membership with ORACCA is a benefit for all members of the company!

To help keep your team well-informed with important industry news, special member perks and discounts, as well as training workshops and webinars opportunities -- we encourage our member companies to make all of their employees aware of ORACCA updates.

There are many benefits of an ORACCA membership. **Here are the top three mentioned by existing members.**

- 1. Networking with other contractors. This source of information is invaluable in handling problems within your own company. ORACCA members help fellow members to be successful**
- 2. Training discounts. Brazing, NATE, Manuals J, D&T certification, CFC Certification pricing for members, more than covers the cost of membership.**
- 3. Medical insurance. The Health plan just negotiated an additional 15% reduction off the first year premium. This should more than pay for any ORACCA membership dues.**

- Additional reason for membership are:
- Access to local experts from NW Natural, PGE, ETO and Local and State Building Code Division personnel for your technical and code questions.
- Monthly meetings with informative presentations that benefit both the Contractor and Supplier.
- Relevant technical training and educational classes.
- Monthly newsletters and email communications filled with industry information and updates.
- Reduced rates on materials, conferences, and training.

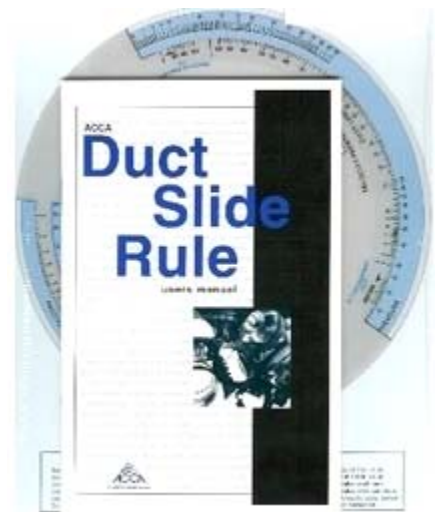
Duct Calculation Slide Rule

This durable two-sided plastic sizing wheel comes with a complete instruction manual for residential and commercial duct-sizing procedures.

Uses:

- Sizes metal ducts, lined metal ducts duct board airways, and wire helix flexible ducts.
- Converts round shapes to equivalent rectangles.
- Correlates available pressure with total effective length and friction rate (Manual D sizing calculations).
- Converts velocity into velocity pressure and vice versa.
- Corrects for altitude and temperature

We have a limited number of these slide rules available for purchase at a discounted price --\$45 each, includes free shipping! For details, please call 360-834-3805



PRESIDENT Mark DeFrancisco Heat Relief 503/261-9915	Planning Ahead	BOARD OF DIRECTORS Mark DeFrancisco Clyde Burton Mert Gagle Dennis Klink Dan Pfau Nathan Phillis Randy Preston Buck Sheppard Travis Smith Loren Watts Kelly Wilhite
	MEETING DATES	
VICE-PRESIDENT Dan Pfau BlairCo 360-573-1331	A. January 5 Utility Program Roundtable w/ ETO, PGE, NWN, etc. NATE CEU (1.0) A January 19 - Codes Update@NW Natural , Sherwood - NATE CEU (1.0) B. February 2 - Honeywell @ MarHy - NATE CEU (1.0) C. March 9- GENSCO Presentation @ NW Coll. of Constr. - NATE CEU (1.0) D. April 6 - Mfg. Reps Presentation @ NW Natural , Sherwood- NATE CEU (1.0) D April 20 - Codes Update@PGE Wilsonville - NATE CEU (1.0) E. May 2 - Thermal Training Day @ NW Coll. of Constr. - NATE CEU (8.0) F. June 1 - Johnson Air Presentation @ Johnson Air- NATE CEU (1.0) G. July 17 - Golf Tournamnet - Oregon City Golf Course G July 20 - Codes Update@NW Natural , Sherwood - NATE CEU (1.0) H. August - No Meeting I. Sept. 7 - ETO Presentation @ NW Coll. of Constr. - NATE CEU (1.0) J. Sept 9 - Shoot Out - Canby Rod & Gun Club K. Oct. 5 - Thermal Presentation @ NW Coll. of Constr. - NATE CEU (1.0) K October 19 - Codes Update@NW Natural , Sherwood - NATE CEU (1.0) L. Nov. 2 - Johnstone Presentation @ NW Coll. of Constr. - NATE CEU (1.0) M. Dec. 7 - Xmas Party @ Lennox	ASSOC. BOARD MBRS Keith Barrow Larry Johnson John Karasaki Aaron Lazelle Stewart Mercer Jeff Schmidt
SEC-TREASURER Loren Watts Watts Heating 360-786-2858	Visit our Website for information on the association's activities. www.oracca.org	EXECUTIVE DIRECTOR Suzanne M. Stilwill Association Management 360/834-3805 Fax: 503/914-1999 <i>"We Meet The first Thursday of the Month"</i>
LEGISLATIVE-CODES - ENERGY Mert Gagle Gagle's Htg. & AC 503/581-2972		
IMMED. PAST PRESIDENT Buck Sheppard 503/ 936-9672		
EDUCATION/ APPRENTICESHIP TRADE SHOW/ PROMOTION		

ORACCA

Oregon Air Conditioning Contractors of America
 P.O. Box 87907
 Vancouver, WA. 98687-7907
 360-834-3805

**ORACCA, April 6th
 at NW Natural , Sherwood**

To:

Are you a member? We'd love to serve you, too!
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