



This Issue of the *OESP News* is sponsored by:



**Honeywell**



**WÖHLER**

**September 2018**

**Get Ready for the Fall OESP Oil Heat Retreat!**

We hope that you are signed up for the Fall 2018 Oilheat Retreat!

**Limited space remaining!**

This year's retreat will take place September 14-16, 2018 at Harrah's Resort in Atlantic City, NJ.



Join us in Atlantic City for an exciting weekend of fine dining and world-class recreational activities as we celebrate friendship and the start of a new heating season!

Here are some activities that you can take advantage of during your visit:

- Visit the Absecon Lighthouse, the tallest lighthouse in New Jersey. Climb 228 steps to witness an incredible city and ocean view, or you can admire the structure with your feet firmly planted on the ground.
- Treat yourself to spa treatments and enjoy the saunas, steam rooms, Jacuzzis, and all-day access to fitness facilities and private pools.
- Relax or party poolside. At Harrah's, the glass-domed, pool oasis becomes an impromptu nightclub on [The Pool After Dark](#) nights.
- Shop til you drop. You'll find everything from Tiffany's to Brooks Brother's Outlet near the resorts, or venture off to Mays Landing for mall shopping.
- Visit one of more than 25 golf courses surrounding the Atlantic City area, providing a challenge to novice and advanced golfers alike.
- Explore history by visiting the Noyes Arts Garage of Stockton College, the Atlantic City Historical Museum, the Atlantic City Ballet, the Civil Rights Garden, the New Jersey Korean War Memorial and the Atlantic City Art Center.
- Venture off the boardwalk to enjoy the Atlantic City Aquarium, visiting the historic boardwalk, and enjoying the views of the ocean.

## Your logo could be here!

OESP has all new opportunities for your company to get in front of the best and brightest in the industry.

Email [lstrug@thinkoesp.org](mailto:lstrug@thinkoesp.org) for more information or call 888-552-0900.

## OESP Executive Board

### President

[Ralph Adams](#)

### Immediate Past President

[Al Breda](#)

### Vice President

[Scott Vadino](#)

### Vice President

[George Fantacone](#)

### Vice President

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[Dave Westerfield](#)

### Secretary

[Paul Cuprewich](#)

### Treasurer

[Bob O'Brien](#)

### Education Co-Chair

[Mike Hodge](#)

### Education Co-Chair

[Jason Mangos](#)

## Thank you Corporate Members

OESP would like to welcome its new Corporate Member:



**BENDER**

abundant antiques, nearby historic villages, lush gardens, wineries, zoos and more.

The general board meeting will take place on Saturday, September 15 at 10 am.

A tentative agenda is available [HERE](#).

**There will be an outing for spouses on Saturday - if your spouse has not reserved his/her spot yet, please RSVP to Lisa Strug at [lstrug@thinkoesp.org](mailto:lstrug@thinkoesp.org).**

Limited Hotel reservations may still be available:

Thursday, September 13: \$89

Friday and Saturday, September 14-15: \$129

Includes:

Complimentary Self Parking

2 Breakfast coupons per day

Diamond Line Check-In

Free in-room Wifi

Free entry to the Harrah's Pool including night swim (guests 21+)

Call: 1-888-516-2215, use code SH09SP8

Online: Click [HERE](#)

Let us know you're coming!

Click this button to register for the Board meeting and Saturday night dinner.

Please let us know if your spouse is joining you for dinner.

**REGISTER**

## Oil Burner Nozzle Failure

by Charlie Burse



Recently I read about a no-heat service call reportedly caused by a faulty burner nozzle, which I will be addressing.

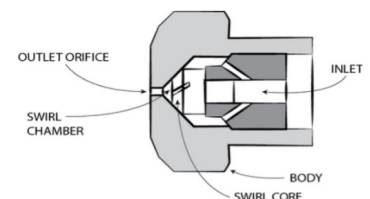
Let me begin by reminding everyone that there are no moving parts in a nozzle regardless of brand and it's the least expensive item and the most critical component in the burner.

Some consist of a brass or 416 stainless steel tip with a sintered or mesh type filter.

There are many factors that can influence the performance of the nozzle. To name a few: manufacturer's specifications, variation in oil pump pressure, oil temperature and filtration. Also keep in mind that the purpose of the nozzle is to meter the fuel, establish the angle and spray a specific pattern.

Regarding the nozzle's fuel distributor, this is where the Tangential Slot or metering slots are located and they will vary based on the rating of the nozzle size. For example, a .65 GPH nozzle will have slots that are equivalent to a 6000th of an inch, and in the smaller nozzle, such as a .30 GPH (used in Europe) the slots will be about the size of a human hair.

Many of you reading this article, may think that the boiler manufacturer selects the nozzle we find in the heating equipment. Although some do, most nozzles go through a vigorous boiler/burner application test, that takes place at the burner manufacturer's lab. This test requires several hours to obtain



# BENDER

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Thank you to all our Corporate Members for your continued support. If you are interested in learning more about a corporate membership, please call the office at 888-552-0900 or email **Lisa Strug** at [lstrug@thinkoesp.org](mailto:lstrug@thinkoesp.org).

Advanced Fuel Solutions	PB Heat, LLC
AquaMotion	Plimpton & Hills
B.J. Terroni Co.	Powderhorn Agency
Bell & Gossett (A Xylem brand)	QHT, Inc.
Bender HVAC	R.W. Beckett Corp.
Bradford White Corp.	Rathe Associates
Carlin/Hydrolevel	Riello Burners of NA
CC Controlled Combustion Inc	Rinnai
Consumer Focus / ServEdge	Roth, USA
Digital Dispatcher, LLC	Shiple Energy
ECR International	Sid Harvey
EDOS, INC.	Slant/Fin
Emerson Swan	Spilltech
Energy Kinetics	Suntec Industries
Field Controls Co.	TACO, Inc.
Fluid Industrial Associates	Testo Inc.
Fuel Ox	Thermo Pride
F.W. Webb	Torrington Supply
General Filters	Toyotomi USA, Inc.
Grundfos	Universal Supply Group
Honeywell Inc.	Venco Sales
Laars Heating Systems	Weil-McLain
Mitsubishi Electric	Wohler USA, Inc.
New Yorker Boiler	Wymbs, Inc.
NTI - USA	Z-Flex US, Inc
PA Petroleum Assoc	

## Welcome New OESP Members!

OESP is pleased to welcome the following new members who joined over the summer. We look forward to seeing you at our future meetings!

Victoria	Baillie	Bender
Eric	Fiengo	Bender
Jason	Giannone	Bender
Rich	Gruber	AquaMotion
Michael	Janis	Bender
AJ	Mastrofrancesco	Bender
Kyle	Trudaeu	Bender
Larry	Shoemaker	Deluxe Plumbing & Heating, LLC

This test requires several hours to obtain the measurement of combustion that reaches the highest level of combustion efficiency. During these tests, the equipment is also exposed to, as close as possible, the operating conditions of the equipment, such as unusual draft, fuel temperature changes, and excessive heat, to name a few.

When a nozzle is tested for flow and angle tolerance we find that neither is the same, which is the reason each nozzle can perform differently. For example, a .50 could have a flow difference of between -2 to + 6 % and a 60-degree nozzle angle could have a variance equal to 5%. This varies depending on the gallonage of the nozzle and the manufacturer.

I have also noticed over the years that proper oil pump pressure is often overlooked. For example, I'm still told the standard pump pressure is 140 lbs. In some cases, this is true, but not always. This is the reason why the burner manufacturers spend a lot of time and money producing their application guides. Here is where you will find the burner/equipment set up guidelines that include the nozzle size, angle, pattern pump pressure along with other important data. They're FREE! Burner specification guides can be acquired by contacting the burner manufacturer or by going to their website and you should never be without one.

An example of pump pressure variation: a .85 GPH @ 100 PSI equals .85 GPH while the same .85 GPH @ 140 equals 1.01 GPH. Also, as an added FYI, pump pressure set between 100 - 300 will reduce the droplet size by about 28 percent.

Improper Oil Filtration and Nozzle Agglutination which occurs when small sludge type particles cling together over time, which will lead to the clogging of the metering or Tangential slots causing what is referred to a nozzle failure.

As I close this month's article, when it comes to the "nozzle failure" issue, I would strongly recommend better oil filtration by adding the spin on high micron filtration with a gauge. Another suggestion, if the oil storage tank is several years old, use double filtration from the tank to the burner.

## Chapter News

### Long Island Oilheating and Cooling Fishing Trip





## Message from the Executive Director

by [Lisa Strug](#)



We hope you all had a wonderful summer and are gearing up for another busy heating season ahead.

Have you taken a look at the OESP calendar online lately? Local chapters throughout the region spent the summer planning meetings and events for you. Check the calendar now to see all that awaits in the coming months!

Take a look [HERE](#) and make note of the date and time of your next chapter meeting. Then, put it in your calendar and make sure you go. One of the biggest values of your membership is in the training provided locally every single month, from colleagues eager to help you thrive.

Each month there are approximately 15-22 training sessions held across the OESP region. Surely one of them must be near you? And if not, let us know! Maybe there is interest in starting a chapter in your area. Our membership team is here to help.

If you're on the OESP Board or would like to be, and haven't signed up for the Oilheat Retreat in Atlantic City, please contact me as soon as possible to reserve your space. If you're in the area and are interested in joining us for a fun evening in the OESP Hospitality room, let me know that too. OESP is always happy to accommodate you.

At the retreat we will hear from a rep from the Atlantic City convention bureau who will tell us all about the new and exciting changes going on in and around the city. We hope that you will be as impressed as our e-board was when some members went for the tour and information session last year. As Atlantic City is the home of the 2021 Eastern Energy Expo, the retreat is the perfect opportunity to learn what this seaside resort has to offer.

Do you have a friend or colleague that would benefit from membership in OESP? Bring them along to a fall meeting. It is more important than ever to continue to grow our great association and educate the next generation of professionals.

New members can join now and get a "nearly 2 for 1" on the upcoming heating season. They will get the remainder of 2018 and all of 2019 included in just one price!

OESP is always looking for people who are interested in making a difference in their career and the association. One of the ways is by providing networking opportunities to help you grow.

Everyone wants to work with people they know, so get involved in your local chapter and



This summer the Long Island Oilheating and Cooling Chapter hosted 45 members and guests of all ages at their annual fishing trip on the Dixie II out of Captree.



It was beautiful day to spend on the water with friends and family. A great time was had by all.



For more information about the Long Island Chapter, please visit [long-island.thinkoesp.org](http://long-island.thinkoesp.org).

## Garden State Fishing Trip





experience the difference it will make for you. Please contact me or your local chapter president to learn how you can make a bigger difference.

This month we welcome **Bender HVAC**, located in Connecticut, as our newest corporate member. You'll read more about Bender in our next printed issue of the OESP News.

By now, you have seen plenty from our great and generous advertisers. Thank you to **Beckett, Taco, Honeywell, Suntec Industries, Slant/Fin, Wohler, Sid Harvey, Carlin/Hyrdolevel** and **ECR International**. Their logos are prominently featured at the top of this issue, as part of their strategic annual marketing package with OESP. Your company could be in the next issue - contact us to find out how.

The 2019 sponsorship packages will be unveiled shortly with an added twist - stay tuned to find out what it is.

On behalf of **Jonathan Jaffe, Meredith Levy** and the rest of the OESP management team, it continues to be a pleasure to serve the association. We look forward to seeing you in Atlantic City!

## OESP Local Training

Looking for a local chapter meeting? So much is going on at OESP - don't miss out! View our [Calendar](#) now!

Click [HERE](#) to find a local chapter near you.

Looking for some industry training? Click [HERE](#) to find out what's going on in your area.

Click [HERE](#) to view recent photos of chapter meetings on Facebook.

## OESP Needs You!

We encourage you to invite a friend or colleague to come to a meeting! **New members who join now will get the remainder of 2018 and all of 2019 for one low price!**

Our goal is not only to increase our membership but to engage those members we have. We believe this goal is achievable; we just need your help to spread the word about the enormous value of membership.

If you're a member and it's been more than six months since you attended a chapter meeting, we invite you to attend your next one for FREE!

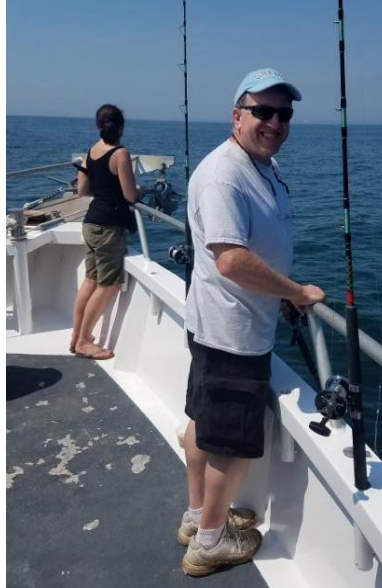
Just RSVP to the chapter so they know to count you in for dinner and have a great time ON US!

If you're a new member and have never been to a meeting, we invite you to attend your first meeting for FREE! Again, just RSVP to the chapter and enjoy! We feel very strongly that the chapter provides a great environment for networking and

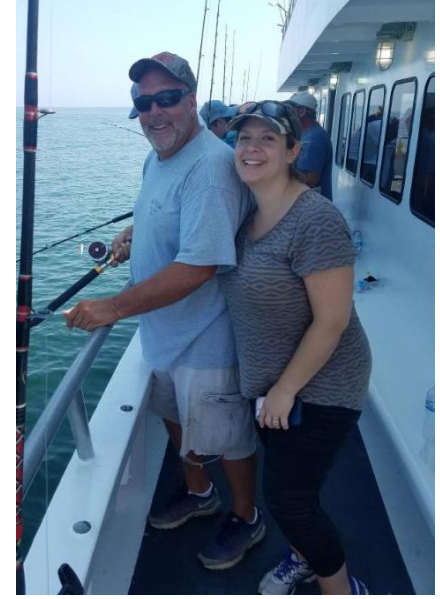


**Charlie and Scott Vadino** from the South Jersey Chapter

Thirty-nine members and guests of the Garden State Chapter had a blast at the annual fishing trip out of Belmar on the Suzie Girl.



**Keith Trowbridge** from Universal Supply

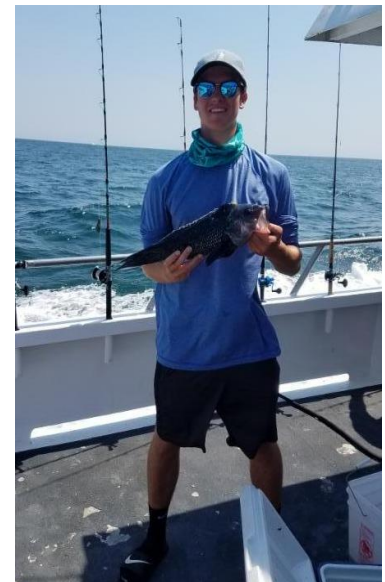


**Jim Froehlich** from All American Oil Recovery with his daughter Hilary

The weather was perfect and the group enjoyed a fabulous day with everyone catching something. The largest fluke was caught by **Nancy Provenzano** and the largest sea bass caught by **Joey Sokolowski**, each bringing home \$100.



**Nancy Provenzano**



**Joey Sokolowski**


For more

chapters provide incredibly valuable meetings and we want you to experience that too!

The OESP membership committee is working hard under the strong leadership of **George Fantacone**. The committee met at the Board of Directors meeting at the EEE at Foxwoods and will meet again this month in Atlantic City.

Contact the OESP management office at 888-552-0900 or email us at [lstrug@thinkoesp.org](mailto:lstrug@thinkoesp.org) and let us know that you're interested in helping out.

### Stay Connected

 Like us on Facebook

Follow us on [twitter](#)

View our profile on [LinkedIn](#)

information about the Garden State Chapter, please visit: [gardenstate.thinkoesp.org](http://gardenstate.thinkoesp.org).



**Don't take a raincheck on this amazing deal!**

**MEMBERSHIP SALE**

**Join OESP now and get:**

- 2018-19 heating season
- 2019 HVAC season
- the beginning of the 2019 heating season

**That's nearly a two-for-one deal on the heating seasons!**

**Lock in 2018 membership pricing now!**

Get the remainder of 2018 and all of 2019 for one low price!

Training sessions in the OESP local chapters are happening now!  
*You won't want to miss out!*

Join today at [thinkoesp.org](http://thinkoesp.org)

Is your business **getting the message out?**

**Take advantage of new opportunities** to get more deeply involved with OESP. **New Corporate Packages include:**



- Advertisements in printed and mailed newsletters
- Your ad on our website
- Your logo in our email blasts
- Sponsor message in newsletter
- Media coverage of your sponsorship
- Recognition at the EEE Awards banquet
- And **much more!**

Please contact **Lisa Strug** in the association office to ensure that you are getting the best possible exposure for your company. Call us at **888-552-0900** or email at [lstrug@thinkoesp.org](mailto:lstrug@thinkoesp.org).

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