



ASGE

AMERICAN SOCIETY OF GAS ENGINEERS

bringing the Gas Appliance community together

2015 1st Quarter Newsletter



Message from the President

Technical Conference is just around the corner. I hope by now you have registered for the conference, if not, you still have the chance to take advantage of the “Early Bird” rate before April 30th.

We had a terrific conference in 2014, and had the most number of CGE Exam participants. We are going to have another successful conference this year. The guest speakers are finalized and members keep on signing up. I urge all of our members and certified engineers to help spread the word and share ASGE information through peer contacts and others with whom you interact.

I would like to recognize the Board Members and Committee Chairs on their substantial commitment and diligent work through the 2013-2015 term. They are: Mike O’Donnell, Joseph Guerrero, Nancy Wilson, Dave Wonnacott, Daryl Hosler, Gary Liljenberg, Eric Griesemer, Chad Johnson, Ray Maddock, Dante Cantal, Ellora Larson and John DiPaolo.

A very special “thank you” is reserved for Jerry Moore, he is the dynamic force of ASGE and we’re all grateful to him for his relentless service to our society.

One more request, I’m sure you have received the ASGE Ballot for the 2015 Officers; please make sure you cast your vote before April 30, 2015.

I look forward to seeing you in June (1st & 2nd) at the South Point Hotel in Las Vegas, NV.

Shamel (Sham) Kassab C.G.E.
Weil-McLain

Platinum Sponsors



In Memoriam - Ralph Jennings



He was born to be an engineer and a teacher. When at Aerojet in Northern California he wore a fatigue out in the fields to collect debris from rockets which were intentionally exploded in midair to analyze them and detect the cause of the rockets failure.

Analytical, he was to the extreme. He always went to the source to find the solution to the problem at hand. As an aeronautical engineer, the source of the power which destroyed rockets fascinated him to no end. After joining U.S. Range Co., a manufacturer of gas appliances for the food service industry in the early 80's his passion turned to gas burners and their applications to gas appliances. A few years later he joined Burner Systems International to advance his research in the heart of the gas appliance. In the engineering lab he always wore a white coat which earned him the title of Professor Ralph from his colleagues.

Always wanting to return to the gas industry in gratitude for what he learned from it, he started his own company, Tech Net Consulting and joined ASGE around that time. Relentlessly he wrote several books about gas combustion, gas burners and atmospheric burner trouble shooting.

As an active ASGE member Ralph participated wholeheartedly in the Certified Gas Engineer program. He wrote the Study Guide and Reference Manual in 2007 which remains to this day the ultimate reference for engineers to pass the challenging C.G.E. examination.

As a teacher he mentored among others Dante Cantal, Joseph Guerrero and Edgar Ingalla who became pillars in the gas appliance industry. Yet this earned standing never stopped him from being the down to earth man who would take his staff to a Dodgers game and cater to them, and at the end he would project his childlike million Dollar smile in gratitude for their service and support.



Gold Sponsors



In Memoriam - Stanley Kuczek



Stanley Kuczek a 27 year American Society of Gas Engineers member died on March 6, 2015 at the age of 87. Stanley was a dedicated ASGE member and had served as Central Chapter President, Vice President and Secretary. Stanley was a mentor to many during his career and shared his technical expertise as a Speaker at several monthly ASGE - Central Chapter technical meetings.

Stanley, with several Enerco colleagues in tow, participated annually in the ASGE - Central Chapter Golf Outing for many years. Stanley was Class President at Lincoln High School in 1945 and served as a paratrooper in the U.S. Army in the 82nd Airborne. Stanley was a member of the American Legion and was also an avid Cleveland Indians fan traveling to many Spring Training Camps. Stanley was an employee of Van Dorn Iron Works and Vice-President of Engineering at Energy Conservation Co. (ENERCO) for over 50 years before his retirement. Stanley leaves his wife Helen of 62 years and cherished children Christopher (Sharon), Deborah Schapker (James) and Gregory. Grandfather of Mitchell Kuczek, Nicholas Platek (Alicia), Eric Platek (Amanda), Katherine Kuczek and Benjamin Kuczek. Cards of condolences may be sent to his family at 486 Parker Road, Aurora, Ohio 44202.



Officers

President:

Sham Kassab

Vice President:

Michael O'Donnell

Treasurer:

Joseph Guerrero

Executive Director:

Jerry Moore

Director:

Daryl Hosler

Director:

Dave Wonnacott

Director:

Nancy Wilson

Director:

Gary Liljenberg

Future CGE test dates and locations

Las Vegas, Nevada—June 1st, 2015

Cleveland, Ohio—October 29th, 2015

Silver Sponsors





When man found fire little did he know how far this discovery would lead. Campfires helped to pierce the dark night and kept people warm and safe as well as help prepare their food. What a versatile tool indeed. And yet thousands of years later this basic discovery still serves us today. We have learned to harness this fascinating substance and control it much more safely. We have found that we can create this phenomena using more than just wood and have found many ways to

improve its uses. We have found that not only are natural gases an effective means for creating fire but that it is a clean and efficient method as well.

The society of Gas Engineers gives engineers an opportunity to learn more on how to utilize this medium. We have a chance to share on the state of combustion and on technological advances to make gas combustion even stronger in each of our marketplaces.

Sadly many of the contributing members of the society have passed. Within this publication we have lost three such pillar members who have lead the charge in making gas combustion their life while sharing their knowledge with each of us. I would like to encourage my fellow members to not only take advantage of being members of ASGE but to contribute to the combined knowledge of the organization by submitting papers to the organization and to tell others about ASGE.

In Memoriam—James Griffith

Mr. Griffith was president of the East Coast Chapter for 1980-1981. He received the ASGE Founder's Award in 1998. His career in the gas industry began in 1942 for the Camden Coke & Gas Plants of Public Service & Gas Co. (PSE&G). He worked as an engineer in research & development and testing for the New Jersey utility until he retired in 1992 after a 50-year career. He was the author of numerous technical papers and served on several ANSI subcommittees and GRI project advisory groups.

Some gas combustion advances over the years

Port Style burners	Low NO _x	Stainless Steel burners
Induced draft	In-shot burners	Combustion Control
Spark ignition	Pre-mix combustion	Gas regulators
Hot Surface ignition	Modulated combustion	Power gas burners

From http://www.ucsusa.org/clean_energy/our-energy-choices

Residential and commercial uses account for over a third of U.S. natural gas consumption, as gas is used in buildings for space and water heating and for cooking. About half of all U.S. homes used natural gas for heating in 2013, and 70 percent of all new homes are built with gas heating systems. Home furnaces can reach efficiencies of over 90 percent. Measures to increase building efficiency are widely considered the most cost-effective way to reduce the amount of natural gas we use. One study estimated that an ambitious program to improve building performance through means such as high-efficiency insulation, windows, furnaces, water heaters, and other appliances could save 234 trillion cubic feet of natural gas over the next 50 years.

**Congratulations to our newest
Certified Gas Engineers**

**Dan Karch—Weil McLain
Timothy Cox—Beckett Gas**

**Jonathan Tipple—Beckett Gas
David Tumino - Beckett Gas**



Our newest ASGE Members

Timothy Cox, - Beckett Gas
Jonathan Tipple, - Beckett Gas
David Palivec - Beckett Gas,
Konnor Buxton - AAON
Michael Porto—Captive Aire Systems
William Griffin—Captive Aire Systems

Committee Chairs

C.G.E.:

Gary Liljenberg

Nominating:

Dante Cantal

Policy and Planning:

Ellora Larson

Technical:

Mike O'Donnell

Admission

& Membership:

Chad Johnson

Internet Website:

Eric Griesemer

Newsletter:

Ray Maddock

Constitution & Bylaws:

John DiPaolo

Awards:

Dave Wonnacott

ASGE Conference 2015

2015 conference agenda

The 2015 ASGE conference will be held at South Point Resort June 1st and 2nd. Make your reservations soon.

Schedule of events:

Monday June 1st

6:30 am — Golf Outing

8:00 am — C.G.E. review

1:00 pm—C.G. E. Exam

7:00 pm—Board Meeting

Tuesday June 2nd

8:00 am—Technical presentations

6:00 pm—Presidents Award Dinner
and Officer Installation

CONFERENCE SPEAKERS

- **Gunther Berthold, Worgas**
—Premix Combustion
- **Marc Braun, Cambridge Engineering**
—Direct Fired Heaters
- **Bob DeRemer, CSA group**
— The Effect that Variations in Gas Thermal Properties Have
On the Accuracy of Thermal-Type Mass Flow Meters
- **Ayk Yilmaz from AHRI**
- HVACR and Water Heating Industry Certification, Advocacy, and Horizons.
- **Matt Seabaugh from Nexceris**
- New High Performance Corrosion Protection for Commercial Stainless Steels
- **Neil Leslie from GTI**
-Codes, Standards, and Regulations Impacting New Product Development and
Application



CONFERENCE REGISTRATION IS OPEN

The following are the cost associated with the conference. Please consult the ASGE website or the information mailed to you. Corporate sponsors remember to use your corporate discount when registering.

Conference Fee—\$275

Early Bird Discount Fee (Before April 30, 2015) - \$225

Dinner Guest—\$60

Golf—\$95

C.G.E. Exam—\$150

C.G.E Study Guide—\$150

Reservations — South Point Resort - 866-791-7626 Reserve by 5/3/15 \$55/night

Group discount : ASGE annual technical conference.

Hotel reservations can be made online at <http://www.southpointcasino.com>

Group Code is ASG0531 (Zero not O).

Don't forget to vote for our new Officers.

Ballots were sent to your home!

President

- Mike O' Donnell

Vice President

- Tony Leesburg
- Ray Maddock
- Brent Sturgell

Treasurer

- Joseph Guerrero
- Chad Johnson
- Gregory Keeble

Director

- John DiPaolo
- Dave Wonnacott

