

AMERICAN SOCIETY OF GAS ENGINEERS



# ASGE News

April 2007 – *Our 54<sup>th</sup> Year*

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**May 15, 2007 is the deadline for reserving rooms at the RED ROCK RESORT for the 2007 ASGE National Conference (June 14-16, 2007). Call 866-767-7773.**

## **ASGE WELCOMES FIRST GROUP OF CORPORATE MEMBERS**

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### *Platinum*

American Gas Association  
Wolf Appliance Company  
Burner Systems Int.

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### *Gold*

CSA America  
Infrared Dynamics  
The Montague Company  
Raypak, Inc.  
UGI Utilities

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# AMERICAN SOCIETY OF GAS ENGINEERS

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## President's Page

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Daryl Hosler



### April Snow in California!

Hello Everyone! April is half way gone, but winter does not appear to be in many parts of the country. It snowed where I live in Anza, California yesterday and the surrounding mountains were pure white. Today the sun is shining and everything is back to green. What a difference a day makes!

We are still working hard on the details of the 2007 Technical Conference to be held at the Red Rock Resort and Casino, June 14-17, 2007 in Las Vegas, Nevada and I hope you are making your plans to join us. Updated information on the conference is included in this Newsletter.

The last day to make reservations at the Resort under ASGE's room block is May 15<sup>th</sup>. Remember that the Technical Conference is scheduled for June 15<sup>th</sup> with a day of golf or just "hanging out" and a dinner scheduled on June 16<sup>th</sup>. Please check out our website at [www.asge-national.org](http://www.asge-national.org) for additional information.

ASGE is pleased to announce that we now have several corporate members signed up, which is part of our new strategic plan to ensure funding for our programs. Corporate members receive various benefits depending on their level of sponsorship and greatly assist ASGE in carrying out its objectives. The sponsors to date are: American Gas Association; Burner Systems Int.; CSA America; Infrared Dynamics; The Montague Company; Raypak, Inc.; UGI Utilities; and Wolf Appliance Company. Two members of ASGE are working hard to meet with potential sponsors and if you are interested in supporting ASGE in this manner, please contact Mr. Bill Salem at (310) 316-3433 or Mr. Dave Wonnacott at (661) 775-0438. The e-mail contact for ASGE is [asgecge@sbcglobal.net](mailto:asgecge@sbcglobal.net).

I would like to remind you about the recently available CGE Study Guide by Mr. Ralph Jennings. While the primary purpose of the Guide is to provide study material for the CGE Exam, I think you will find it to be a useful resource tool as well. The price is \$150.00 and it can be ordered from ASGE by e-mail at [asgecge@sbcglobal.net](mailto:asgecge@sbcglobal.net) or regular mail at ASGE, P.O. Box 66, Artesia, CA 90702. You can view the table of contents on the website at [www.asge-national.org](http://www.asge-national.org) by clicking on the CGE Study Guide link. I encourage you to look into this valuable resource.

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## ASGE Corporate Members (Continued)

The American Society of Gas Engineers introduced the Corporate Member concept in November 2005 in conjunction with a business plan (continued on page 4)

# AMERICAN SOCIETY OF GAS ENGINEERS

## Taking the CGE Exam

By Robert L. Cowan

The American Society of Gas Engineers (ASGE) is a national (USA) nonprofit association of fuel gas engineers and associates. Since 1954 ASGE has worked to promote the education and professional improvement of its members, to make available to the public technical and scientific information, and to improve the gas industry.

ASGE provides a variety of services to gas engineers including the scheduling and coordination of a number of activities and events. These include national technical conferences, seminars, awards dinners and examinations for the ASGE Certified Gas Engineer (CGE) program.

The CGE program was established in 2001 in response to the need of fuel gas engineers to establish what they know and receive recognition of their specialized knowledge. An examination was developed to validate their knowledge using an initial set of 150 questions that will vary with each 50-question exam. A comprehensive study guide is now available to help engineers understand the scope and depth of knowledge covered in the examination.

Understanding the intricacies of gas appliance design and servicing requires the knowledge of many disciplines. For appliance designers to be successful, it simply is not enough to have a theoretical knowledge of mechanics, chemistry and physics. You must have a working knowledge of how all these disciplines work together. The CGE program attempts to bridge that gap between all of the disciplines

necessary to insure individuals have the background necessary to be competent gas appliance engineers.

For servicing of gas appliances, knowledge of the aforementioned disciplines makes diagnosing problems much simpler and easier.

The examination not only focuses on gas appliance design, but the principles behind it. It is extremely important that you brush up on your knowledge of combustion chemistry and review the physics at work in typical gas appliances. You should know how a gas regulator works, the principle of a servo regulator in a combination control and how a flame rectification sensor determines the presence of a flame. You must have a working knowledge of what makes a good burner and how to correct typical burner problems such as yellow-tipping, flame-lifting and flashback either when designing a new burner or servicing an existing burner.

Gas chemistry is no less important to appliance performance and you must know how flame speed varies with different gas compositions as well as the principles behind the Wobbe Index. It is highly recommended that you try some practice problems regarding combustion formulas to make sure you have a working knowledge of these principles. Though the information necessary for the examination can be found in The Gas Engineer's Handbook and other sources, Ralph Jennings' ASGE CGE Study Guide is concise and complete.

For more information regarding the CGE examination and ordering the new ASGE CGE Study Guide by Ralph Jennings, go to our website at [www.asge-national.org](http://www.asge-national.org) or e-mail Jerry Moore at [asgecgce@sbcglobal.net](mailto:asgecgce@sbcglobal.net)

# AMERICAN SOCIETY OF GAS ENGINEERS

## **ASGE Corporate Members (continued)**

developed to restructure the ASGE organization to meet the needs of the modern gas engineer. The business plan calls for a focus on three major projects at a national level: Certified Gas Engineer Program, Technical Conference and a dynamic Website with on-line Newsletters.

Corporate membership is maintained through an annual dues payment for companies with two or more employees. There are three levels of corporate membership (Silver, Gold & Platinum). The gold and platinum membership levels provide corporate discounts for ASGE services (individual employee dues, conference fees, seminar fees, Certified Gas Engineer exams and ASGE publications such as the Certified Gas Engineer Study Guide).

All ASGE Corporate Members will be listed by company name and corporate logo on the ASGE website ([www.asge-national.org](http://www.asge-national.org)), the membership roster and all national conference literature.

For information regarding corporate membership, contact Bill Salem (310-316-3433), Dave Wonnacott (661-775-0438) or the ASGE office ([asgecge@sbcglobal.net](mailto:asgecge@sbcglobal.net)).

## **ASGE Welcomes New Individual Members**

Jeffrey A. Kieffer (Chesterfield, MO)  
Ellora Larson (Hayward, CA)  
Steven Pew (Dickson, TN)  
Karel Weiser (North Ridgeville, OH)

## **ASGE Officers – 2007/2009**

Voting has been completed for the new slate of officers (and ASGE Board members) for 2007/2009. Following are the results.

President – Dante Cantal  
Vice President – Dave Wonnacott  
Treasurer – Susan McCarthy  
Director (2007/2011) – James Pelkey

The following ASGE members will continue as members of the Board of Directors.

Eric Griesemer (2007/2009)  
Daryl Hosler (2007/2011)  
John DiPaolo (2007/2009)  
Jerry Moore (Executive Director)

New ASGE Officers will be installed during the ASGE National Conference Awards Dinner on Saturday, June 16, 2007 at the Red Rock Resort in Las Vegas, Nevada.

## **APPRECIATION**

The ASGE Board of Directors will express their appreciation to two Board members: Bill Salem (eighteen years) and Ed Angelone (four years), who will have completed their Board Service on June 16, 2007.

## **C.G.E. SEMINAR AND EXAM**

The Certified Gas Engineer examination will be given on Thursday, June 14, 2007 at 1:00 p.m. at the Red Rock Resort & Spa in Las Vegas, Nevada. A seminar on the exam material, including a question & answer session will be chaired by Ralph Jennings during the morning of June 14, 2007. The price of the C.G.E. exam is \$150. Corporate Member discounts are applicable. See the application form on [www.asge-national.org](http://www.asge-national.org).