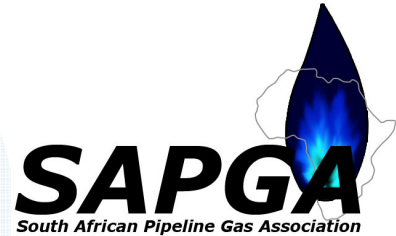


# Natural Gas Conference 2009

**Topics of interest to be discussed over the 2 day conference include:**

1. Safety and efficiency of equipment
2. Gas practitioner and end user partnerships
3. Availability and sustainability of gas
4. Skills development, training and NQF's
5. Compliance to current & upcoming legislation
6. New technology on the horizons
7. Biogas as a source of energy
8. Natural gas as a fuel for vehicles
9. Flameless combustion
10. Energy efficiency tax incentives



**For further information on the  
2nd Natural Gas Conference,  
visit [www.sapga.co.za](http://www.sapga.co.za)**

**8th & 9th Sept 09  
Leriba Lodge,  
Centurion, Pretoria**

**South African Pipeline Gas Association (SAPGA)** is proud to announce the 2nd annual Natural Gas Conference 2009 in collaboration with major industry role players.

Conference delegates are envisaged to be existing and new customers of natural gas, gas suppliers and practitioners, providers of equipment and services, consulting services and government officials.

Let's share information, educate, provide best practices, lessons learned and introduce new and exciting challenges in the market including compliance to statutory and regulatory requirements. Business also needs to share their practical experiences in the form of case studies and panel discussions.

Register today and make an informed decision about natural gas - our future legacy.

See you at the conference.

**Roy Lubbe  
Chairman  
SAPGA**

**Avoid disappointment and book now.  
Conference attendance is limited to max 200 delegates**

# Conference Day 1

Topics are subject to change without prior notice

- 08:00 Early morning refreshments and registration
- 08:30 SAPGA opens conference
- 08:45 Key Note Speaker**  
*An alternative thermal energy source, Natural Gas our future legacy.*
- ☞ Exploring the policies and regulations that the Dept of Energy (DoE) is developing in respect of the use of gas in domestic, commercial and industrial environment.
  - ☞ Highlighting the role that gas suppliers play in ensuring safe installation and usage of gas in domestic, commercial and industrial environment.
- Muzi Mkhize** Director General: Hydrocarbon - Department of Energy
- 09:30 'Pressure Equipment Regulation (PER)' and how the PER relates to SANS347 and the Vessels Under Pressure (VUP) regulation**
- ☞ How do SANS 347 and the 'PER' work together?
  - ☞ What is the expected impact on the industry?
  - ☞ What value will this regulation add to industry?
  - ☞ Why is the 'PER' different to the VUP regulation?"
- Jacob Malatse** - Department of Labour
- 10:15 Mid-morning refreshments
- 10:45 The Benefits of the Changing Legislation for Skills Development**
- ☞ Chieta / Dept of Labour: NSDS – objective 5 by March 2010
  - ☞ Benefits to the gas industry, SAQCC (Gas), ISOE and Chieta
  - ☞ Why the change in direction from existing structures – restructuring of the SETA's?
  - ☞ New developments regarding the SETA's
  - ☞ Aim, goals, objectives and implementation
- Ayesha Itzkin**, ETQA - CHIETA
- 11:30 SAPGA - 2010 and Beyond**  
*Investigating the realisation of its vision with emphasis on past, current and future activities checks and balances. Envisage to being acknowledged and valued by members, the gas industry, regulatory and media sectors and interested parties as the integral pipeline gas support body in South Africa for addressing :*
- ☞ safety and efficiency
  - ☞ awareness and growth
  - ☞ influence and representation
  - ☞ information sharing
- Roy Lubbe**, Chairman - SAPGA
- 12:15 Legislation vs. Best Practices for Gas Practitioners**  
*Foresight and oversight - redefining the definition of a practitioner vs. legislation and best practices. Interrelationships between practitioners, suppliers of equipment and/or services and end users. Creating an effective and efficient supply chain – "a family of value chains". Understanding the interlinking suite of regulations and standards relating to the OHS Act affecting practitioners.*
- ☞ Enhancing personal skills and competencies for gas practitioners – training and learnerships - NQF's
  - ☞ Addressing current gas skills shortages
  - ☞ Institutions can assist with the recruitment and measurement of competent gas practitioners.
  - ☞ Impact & effect of new standards such as 'PER', SANS 827, 329, 347, 1539 on functionality and compliance.
- Roy Lubbe**, Chairman & **Riaan van der Walt**, Technical Director - SAPGA
- 13:00 Lunch
- 13:45 Environmental**  
*Act & Regulations - focus areas such as...*
- ☞ Carbon Credits
  - ☞ Carbon Footprint
  - ☞ Carbon Trading
- Mike MacWilliams** - Gemini Structured Carbon Ltd SA
- 14:30 BioGas**
- ☞ Why biogas?
  - ☞ Implementation of a biogas system
  - ☞ Feasibility thereof
  - ☞ Biogas programs in future
  - ☞ Lessons learned in past experiences
- Greg Austin** - Agama Energy
- 15:15 Mid-afternoon refreshments
- 15:45 Availability of gas / expansion of gas currently and in the future, Coal Bed Methane (CBM) – Kalahari Energy**
- ☞ Availability of gas fields
  - ☞ Gas exploration
  - ☞ Gas qualifications and specifications
  - ☞ Potential Markets
- Julian Best**, CEO - Kalahari Gas
- 16:30 Chairman's closing remarks
- 16:45 Close of Day 1



# Conference Day 2

## Domestic / Commercial

- 08:00 Early morning refreshments
- 08:30 Chairman's opening remarks
- 08:45 **Why Natural Gas as an alternative fuel for vehicles in South Africa?**
- ☞ Current pollution and emission levels vs. CNG alternative and government role
  - ☞ Sources of methane to be considered
  - ☞ Existing fuel reserves and supply and why we need to introduce alternatives
  - ☞ The technology (feasibility, efficiency) international trends and statistics
  - ☞ Energy security issues for South Africa
- Dr Zwanani Mathe** - Senior Manager: Green Transport Technologies, CEF  
**Stephen Rothman** - Managing Director, Absorption Technologies
- 09:30 **Topic and Speaker to be finalised**
- 10:15 Mid-morning refreshments
- 10:45 **New energy efficiency tax incentives**
- ☞ Means to improve energy efficiency
  - ☞ How to quantify the savings
- Prof. L.J. Grobler** - Energy Cybernetics
- 11:30 **Welding Standards applied to Natural Gas users below 15Bar pressure**
- ☞ Pressure Testing
  - ☞ Pressure Testing Certificate
  - ☞ Certificate of Compliance
- Renier Mostert** - Southern Africa Institute for Welding (SAIW)
- 12:15 Lunch
- 13:00 **Effects and Impact of the forthcoming 'SANS827' Standard**
- ☞ First Natural Gas standard for domestic and commercial environments
  - ☞ Comparison of SANS087 vs. 'SANS827'
- Eric Hulley** - SABS Technical Committee
- 13:45 **Panel discussion on the forthcoming 'SANS827' Standard**
- ☞ SAPGA Technical Forum
  - ☞ Q & A Session focussed on standard
- Riaan van der Walt** - SAPGA & **Eric Hulley** - SABS Technical Committee
- 14:30 **Safe Gas Equipment Scheme (SGES)**
- ☞ PER requirements under the OHS Act
  - ☞ Safe application and environment—adding value to business
  - ☞ How does the system work?
  - ☞ Various testing equipment and test houses
  - ☞ Present system status and the way forward for business
- Trevor Lotter** - SAPGA, SGES Sub-Committee
- 15:15 Mid-afternoon refreshments
- 15:45 **Case Study on the use of Natural Gas in the Southdown's Residential Estate 'To be the premier residential estate in Gauteng offering a unique life style in an environmentally sustainable manner'**
- Jack Prentice** - Managing Director, Southdown's Management Services
- 16:30 Chairman's closing remarks
- 16:45 Close of Conference

## Industrial

- 08:00 Early morning refreshments
- 08:30 Chairman's opening remarks
- 08:45 **Characteristics of Flame Management**
- ☞ Infra-red Management
  - ☞ Self Check Scanners
- David Probyn** - Fireye
- 09:30 **Flameless Combustion**
- ☞ Heat treating and heating furnaces in the steel industry
  - ☞ Gas turbines
  - ☞ Burners for Biogas, hydrogen reformers, CHP units
- Dr. Ing JA Wunning**, WS Flox
- 10:15 Mid-morning refreshments
- 10:45 **Safe Gas Equipment Scheme (SGES)**
- ☞ PER requirements under the OHS Act
  - ☞ Safe application and environment: Assessing the total value
  - ☞ How does the system work?
  - ☞ Various testing equipment and test houses
- Trevor Lotter** - SAPGA, SGES Sub-Committee
- 11:30 **New energy efficiency tax incentives**
- ☞ Means to improve energy efficiency
  - ☞ How to quantify the savings
- Prof. L.J. Grobler** - Energy Cybernetics
- 12:15 **Panel discussion on the SANS329**
- ☞ SAPGA Technical Forum
  - ☞ Q & A Session focussed on standard
- Riaan van der Walt** - SAPGA
- 13:00 Lunch
- 13:45 **Welding Standards applied to Natural Gas users above 15Bar pressure**
- ☞ Pressure regulations
  - ☞ Pressure Testing and Certification
  - ☞ Certificate of Compliance (COC)
  - ☞ Should all practitioners be competent welders?
- Renier Mostert** - Southern Africa Institute for Welding (SAIW)
- 14:30 **Case Study: Switching over from Fuel to Natural Gas**
- ☞ Cost Saving as an alternative energy source
  - ☞ ROI
  - ☞ Lessons learned
- Istvan Blasko** - Howden Energy Systems
- 15:15 Mid-afternoon refreshments
- 15:45 **Case Study: Electricity Generation of Gas Engines**
- ☞ Conversion process and ROI
- Paul de Mattos**—Agaricus Trading
- 16:30 Chairman's closing remarks
- 16:45 Close of Conference

**CLOSING DATE FOR REGISTRATION**  
31 August 2009

# 4 EASY WAYS TO REGISTER:

CALL: +27 (0) 11 431 2016 FAX: +27 (0) 86 525 3415

EMAIL: [elrien@sapga.co.za](mailto:elrien@sapga.co.za) WEBSITE: [www.sapga.co.za](http://www.sapga.co.za)

PLEASE NOTE THAT ALL METHODS OF REGISTRATION ARE SUBJECT TO SAPGA'S STANDARD TERMS AND CONDITIONS:

- Cancellations:** If you cancel between 15 July and 31 July 2009 a cancellation fee of 20% will be charged. If you cancel between 1 August and 20 August 2009 a cancellation fee of 50% will be charged. Thereafter the full fee is payable. Please notify the office in writing.
- Substitutions:** Registered delegates may be substituted at any time prior to the conference without incurring an additional fee. Please notify the office in writing of the change.
- Payments:** Payment must be made prior to commencement of the event.
- Confirmations:** All registrations will be deemed confirmed and subject to these Terms and Conditions
- Fees Include:** The fee for attending this event includes LUNCH and REFRESHMENTS. Flights, accommodation and airport transfers are NOT INCLUDED

## CONFERENCE PACKAGE:

(per delegate)

Registration received by 30 June 2009	Registration received by 31 July 2009	Registration received after 1 August 2009
R3 000.00	R3 200.00	R3 500.00
Save R500	Save R300	
SAPGA COMPANY MEMBERSHIP		
Save R800 per delegate		

COMPANY:

VAT Registration No:

SAPGA Membership No:

Tel No:

Fax No:

Postal Address:

Postal Code:

Name :

Surname :

Job Title

Email :

Tel No:

Cell No:

Fax No:

Please select type of industry:

Domestic

Commercial

Industrial

I hereby acknowledge that I have read and understand all the terms and conditions of my registration

Signature :

Name :

### BANKING DETAILS:

Bank ABSA  
Account 407 003 1273  
Branch Centurion  
Reference NGC- Initials & Surname  
Fax proof of payment to 086 525 3415

### OFFICE USE ONLY :

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Proof of payment \_\_\_\_\_  
Confirmation date \_\_\_\_\_  
Practitioner Type \_\_\_\_\_  
Membership No \_\_\_\_\_