

2015 Gas/Electric Partnership

# Compressor Tutorials for Gas Producers

Conference XXIII • February 18-19 (Tutorials February 17)

Held at

Northwest Forest Conference Center  
12715 Telge Road Cypress (Houston), Texas



Photo courtesy of MAN Diesel & Turbo North America Inc.

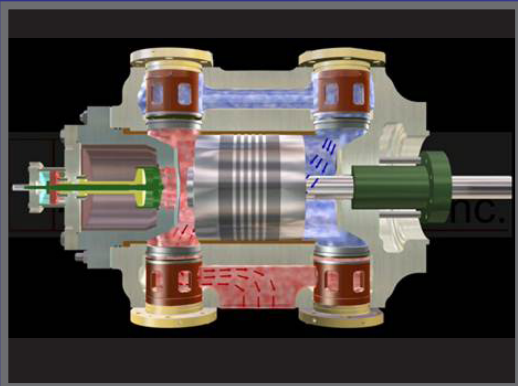


Photo courtesy of ACI Services, Inc.

*Certificate for Professional  
Development Hours will be earned.*

*To register, see next page or visit  
[www.gaselectricpartnership.com](http://www.gaselectricpartnership.com)*

## FEBRUARY 17

**9:30 AM**

### ***Rotary Screw Tutorial***

**Kevin Kisor, MAN Diesel & Turbo North America Inc.**

- Classification
- Oil-Flooded vs. Oil-Free
- Typical Applications
- Construction Details
- Shaft Seals
- The Compression Process
- Over/Under Compression
- Oil Characteristics & Proper Oil Management

**12:00 PM** Lunch

**1:00 PM**

### ***Reciprocating Compressor Tutorial***

**W. Norm Shade, ACI Services, Inc.**

#### **Basics**

- Reciprocating Compressor Types, Applications, Drivers  
And Rating Criteria
- Mechanical Components And Their Functions
- Basic Compression Thermodynamics & Terminology

#### **Performance**

- Compressor Capacity (Flow) And Horsepower
- Performance Curves
- Compressor Rod Load And Pin Reversal
- Multistage Compression
- Effects of Gas Properties

#### **Capacity Control**

- Capacity Control With Suction Throttling,  
Bypass, Clearance Pockets And End Deactivation

#### **Some Common Problems**

- Recap

**5:00 PM** Refreshments

# Conference and Tutorial Registration

Fax to 505.466.5119, email to [jennifer@gaselectricpartnership.com](mailto:jennifer@gaselectricpartnership.com),  
or register online at [www.GasElectricPartnership.com](http://www.GasElectricPartnership.com)

- Yes, I plan to attend the Gas/Electric Partnership Conference, February 18-19, 2015 \$675
- Add Rotary Screw Compressor Tutorial (February 17, half day in a.m.) +\$125
- Add Reciprocating Compressor Tutorial (February 17, half day in p.m.) +\$125

**Total Cost** \_\_\_\_\_

**For hotel reservations**, call Northwest Conference Center, 281.256.3548 or 800.256.3548 for special Gas/Electric Partnership rate. See website ([www.northwestforest.com](http://www.northwestforest.com)) and click on Accommodations and then Trip Advisor for reviews.

- Check payable to Gas/Electric Ventures is enclosed.  
Mail to: Gas/Electric Ventures, P.O. Box 28357, Santa Fe, NM 87592
- Charge: \_\_\_\_\_  
Credit Card Number \_\_\_\_\_  
Expiration Date \_\_\_\_\_ Zip Code Associated with Card \_\_\_\_\_

Signed \_\_\_\_\_

Name \_\_\_\_\_

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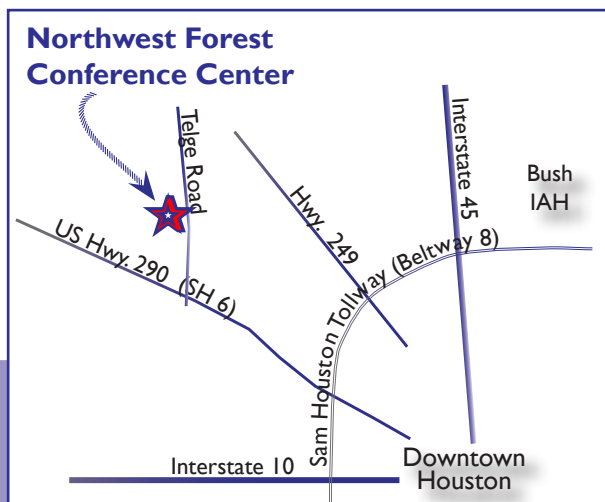
City \_\_\_\_\_

State/Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-Mail \_\_\_\_\_

E013115



**Produced by GAS/ELECTRIC VENTURES**

505.490.9119 for registration information

713.529.3216 for program information