



Setting the Standard for Automation™



February 2006

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"REMINDER"

WELCOME-----WELCOME-----WELCOME

The ISA Brazos Section "Instrumentation, Systems, and Automation"

presents "**Basic Operation And Function Of Industrial Regulators**"

Please make plans to Attend. Lunch will be provided.

Thursday, February 2, 2006

Lake Jackson Cher'otel

11:00 am to 12:30 pm

This is a technical session. Professional Engineer PDH credits will be issued.

Program Synopsis:

- I. Pressure Reducing Regulators
 - A. Operation
 - 1. Point Force Versus Distributed Force
 - 2. Force Balance Principle
 - 3. Flow To Open Versus Flow To Close Design
 - 4. Dome Loaded And Differential
 - B. Proportional Band (Droop, Pressure Build)
 - 1. Cause And Effect
 - 2. How Can Proportional Band Work For You?
 - 3. How To Lessen The Effect
- II. Back Pressure Regulators
 - A. Operation
 - 1. Point Force Versus Distributed Force
 - 2. Force Balance Principal
 - 3. Dome Loaded And Differential
 - B. Proportional Band (Droop, Pressure Build)
 - 1. Cause And Effect
 - 2. How To Lessen The Effect

Presented By:

Bob Schroeder, Product Specialist of Cashco Valve and Regulator Company. Bob has been in the valve and regulator business for 30 years with experience in the design and applications of valves and regulators for process as well as service. What Bob brings to the table is an in-depth knowledge of the intricate function of regulators and how to increase their performance.

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- 2 Message From The President
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**Message from the President
ISA Brazos Section Newsletter
January 2006**

We have had very good attendance at our luncheons this year so far. I would like to encourage everyone to continue coming and to bring a guest.

Luncheons are on the first Thursday after the first Wednesday of each month.

Our January luncheon Guest Speaker was Ashton Chiasson of Lafayette Louisiana, President of the Lafayette ISA Section. Ashton talked to us about the rejuvenation of Lafayette Section which came back from being inactive to a bigger and better, flourishing and very active section today. Ashton is a great motivational speaker on the subject of ISA, a true supporter of ISA and what it can do.

"Outstanding"

February's topic is "**Basic Operation And Function Of Industrial Regulators**" and will be presented by Bob Schroeder of Cashco Valve and Regulator Company. The luncheon is on February 2, 2006 at 11:00 AM at Cher'otel.

Subjects for the rest of the ISA year will be:

- Oil/Water Interface – a new technology
- Yamatake 2-Wire Transmitter
- Fiber Optics in Process Control
- Area Monitors – a new technology
- Our April luncheon will be on Safety Instrumented Systems.

The Table Top event will be held on April 20th at the Lake Jackson Civic Center.

I look forward to seeing everyone there, let's continue working to build Brazos Section into one of the best sections in the ISA organizations.

Sincerely,

Will J. Brooks

ISA Brazos Section President 2005/2006



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Have any friends that would benefit?:

Let them know about the benefits.

Membership in the local BRAZOS ISA is a boost to anyone's career! Take a challenge from your ISA Section and introduce a colleague to the benefits of ISA. Their career and loved ones will thank you for years to come. Come to think of it, why don't you thank whoever it was that introduced you to ISA. You know that it has helped you keep up with changing technology and entertained you with luncheons and events and challenged you with opportunities to get involved with the world of instrumentation and controls. Contact any board officer or our membership chairman for details



Contact Phil Baird for membership details
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ITT Engineered Valves (Fabri, Camtite, Camline, Richter) • Orton • Tufline • Worcester Controls

Letter From The Editor

Looking for Work?

Need to fill a position?

Send an email to me and we'll try to include it in next months newsletter.

Best regards,

Tim Moses
Newsletter Editor

TMoses@shin-tech.com - work
tmoses@allusaonline.com - home
OR CALL 979-233-7861 x350

GET ON LINE WITH ISA !!

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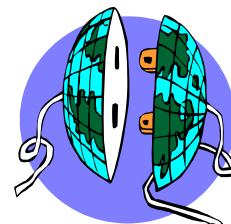
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Your Ad!

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Companies Seeking Individuals

Permanent Placement Recruiters for Engineering Talent involved in Process Control and Automation related to Refining, Petrochemicals and Factory Automation. [E-mail resumes](#), and check [job openings](#).

Or check the 'Houston ISA Section' job opportunities at: http://www.houstonisa.org/job_opportunities.htm

Individuals Seeking Employment

This Could Be
Your Ad!

Benefits of being a member of ISA:

- Technical publications
- Networking opportunities
- Continuing education & training
- Regular technical programs
- Increased industry awareness
- Professional growth and development

All that for only \$85/year! If your employer won't pay your dues, isn't your career worth paying it yourself?!

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ISA FORUM

This Could Be
Your Ad!

Up Coming Events

ISA Brazos Section 2005 – 2006 Programs

<i>Date</i>	<i>Program</i>	<i>Speaker</i>
9/08/05	HRVOC	Pat Williams
10/06/05	Engineering Ethics	Charles Pennington
10/19/05	Brazos Section Golf Tournament	Riverside Country Club
11/03/05	Different Fieldbuses & why they exist	Ben Cox Dennis Lee
December '05	December Non-Technical Dinner @ Shanghai	RSVP to Shelley Key at
1/05/06	Membership Drive	Ashton Chaisson
Jan. 24~26/06	Texas A&M Instrumentation Symposium	N/A
2/02/05	The Great Debate	TBA
3/02/06	TBA	TBA
4/06/06	TBA	TBA
May '06	Annual Brazos Section ISA Table Top Show Informational notices will be sent out soon	Paul Rogers
TBA	New Officer Installation and Appreciation Dinner	Non-technical dinner with spouse/date

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