



# New Orleans Section

Setting the Standard for Automation

## March 2007 The Current Pnewsletter

**Golf Tournament**  
**see p.2**

**Earn 1 PDH for March meeting**

**Vote—see below**

**21–22 March Seminar  
Area Classification**  
**see p.4**

### Next Section Meeting

- Date** Tuesday, March 6, 2007
  - Place** Smilie's Restaurant  
Harahan, Louisiana
  - Time** Cash Bar Open at 6:00 p.m.  
Seating and serving begins at 6:30 p.m.  
Meeting complete by 8:00 p.m.
  - Price** Admission \$25 per person
  - RSVP** Use **Yahoo e-mail—not the Yahoo Web site:**  
isa\_neworleans@yahoo.com  
Type your name, quantity in party, and  
whether you require a PDH certificate.
- Please RSVP by noon Monday Mar. 5

### Examination of Hot Surface Ignition Criteria

ISA New Orleans Section is pleased to announce that Robert J. Alonzo, P.E., will deliver a presentation on the title topic during the March meeting at Smilie's Restaurant on Tuesday 6 March.

Hydrocarbon hot surface ignition is a topic not completely understood by all engineers. Boiling points and flash points are physical properties that can be readily expressed by single temperatures. Hot surface ignition or auto-ignition temperature cannot because they are dependent on many factors. Some of those factors include environmental influences, exposure time, and the characteristics of the material composition of the hot surface.

To aid in understanding this phenomenon, Mr. Alonzo will examine all of the available codes, standards, and recommended practices on the topic, as well as some research papers critical of some of industry recommendations on the topic.

Who can benefit from the examination of hydrocarbon hot surface ignition topic? Anyone involved with the design of hydrocarbon production, processing, transportation, and sale, as well as anyone specifying equipment which utilizes hydrocarbon fuels. All engineers responsible for the selection of lighting fixtures, motors/generators, hydrocarbon engine/turbine equipment, and instrumentation could benefit.

Come join us for a 1 Professional Development Hour (PDH) presentation on this most interesting topic.

Bob Alonzo is an electrical engineer—BSEE, MSEE—with 35 years of electrical engineering experience. His experience includes design and analysis of electrical systems for commercial, industrial and marine projects. It also includes engineering project management on multi-million dollar projects and forensic engineering involving fire cause and origin determination, product liability, electrical failure analysis, and personal injury investigations.

He holds a Master of Science in Electrical Engineering Degree from Louisiana State University, 1972, and a Bachelor of Science in Electrical Engineering Degree from LSU, 1968. He is a Registered Professional Engineer, Louisiana, in Electrical and Control Engineering.

Bob is Principal Electrical Engineer for Quest Forensic Group LLC. He also is President, Principal Electrical Engineer of Alonzo and Associates, Inc.

Among his publications is his book "Electrical Safety for Petroleum Facilities" published by the American Society of Safety Engineers, Des Plaines, Illinois, 1997. The ISBN is 1-885581-08-4. ■

### Ballot for 2007–08 elected officers

Page 6 is the ballot for next year's slate of elected officers. The term of service coincides with the Section's operating year—1 July through 30 June.

Please vote your selections by Monday 5 March. ■

## SECTION OFFICERS 2006-07

<b>President</b> <b>Barry Acosta</b> (504) 835 2577	<b>Standards &amp; Practices</b> <b>David Bishop</b> (985) 764 9902
<b>President-elect</b> <b>Larry Saunders</b> (504) 849 3365	<b>Historian</b> <b>Sherryl Benbow</b> (504) 561 6000
<b>Vice President</b> <b>Henry Suthon</b> (504) 836 8903	<b>Exhibits</b> <b>Pat Lyles</b> (504) 648 1746
<b>Secretary</b> <b>Riley Parker</b> (504) 728 3122	<b>Past President</b> <b>Barry Acosta</b> (504) 835 2577
<b>Treasurer</b> <b>Roger Reedy</b> (985) 785 3427	<b>Student Section Liaison</b> <b>Leo Holzenthal</b> (504) 836 8902
<b>Delegate</b> <b>Sherryl Benbow</b> (504) 561 6000	<b>Arrangements</b> <b>Mike Benbow</b> (504) 836 8976
<b>Section/District Liaison</b> <b>Hugh Roser</b>	<b>Nominations</b> <b>Barry Acosta</b> (504) 835 2577
<b>Education</b> <b>Bob Deeb</b>	<b>Strategic Planning</b> <b>Erston Reisch, Jr.</b> (985) 727 2869
<b>Honors &amp; Awards Chairman</b> <b>Ram Ramachandran</b> (985) 764 1692	<b>Golf Tournament</b> <b>Bryan Pittman</b> (504) 887 8550
<b>Membership Chairman</b> <b>Fawad Javed</b> (985) 785 4599	<b>Webmaster</b> <b>vacant</b> phone
<b>Programming</b> <b>Toby Miller, Assistant</b> (504) 835 8888	<b>Newsletter Editor</b> <b>Larry Iverson</b> (504) 813 6972 liverso@attglobal.net

## President's Corner

**Barry Acosta**  
**JacobsLinder**  
3330 W. Esplanade Ave.  
Suite 300  
Metairie LA 70002  
Ph (504) 835 2577



Dear fellow Members,

Sometimes all it takes is just a leap of faith. Have you taken a look at your enterprise and taken your leap of faith? The year is off to a great start and you should be ready.

Several years ago, industry leaders encouraged everyone to eliminate the vacuum area of automation. At the same time, managers eliminated the idea of working in a vacuum on a project. Today, it is all about teamwork and (you guessed it) globalization in order to achieve success.

That goal should be fairly easy to talk about. No one should disagree with it. However, problems often occur when you try to implement the goal. Some companies prefer that management and workers work together to eliminate barriers between supervisors and subordinates. This is achieved via open discussion on what the goals are and the path to achieve those goals. Everyone is fully aware of what is going on.

Other companies prefer to execute in a different way. A directive may be initiated from above saying what we are going to do. No alternative. Both styles are effective and achieve the same results. However, most of us would agree, team building is the more effective approach because there is greater buy-in. None of us likes it when something is jammed down our throat. Unfortunately, the teamwork approach is only effective if there is buy-in by all and excellent communication among all parties involved.

This month we hold officer elections for the Section's 2007-08 operating year. Please return your ballot by Monday March 5. See the last page of the newsletter for the ballot and instructions.

Remember, get your golf games in shape for our annual tournament on April 20 and please join us at this month's member meeting at Smilie's.

*Barry*

## Articles & Announcements

### Articles and Announcements

Submit an article or announcement to *The Current Pneuletter* to L.H. Iverson, 2405 N SIBLEY ST, METAIRIE LA 70003; or e-mail to [liverso@attglobal.net](mailto:liverso@attglobal.net). Phone (504) 813 6972.

### Deadline

Materials must be submitted by the 10<sup>th</sup> day of the month preceeding the issue in which it should appear. Please submit typed material via either e-mail or facsimile.

Revised 26 December 2007

## Golf Tournament Sign-up

Use the same link that brought you to this newsletter to find the sign-up forms for the April Golf Tournament.

## Meeting Minutes, Executive Board ISA New Orleans Section, Inc. February 6, 2007

Larry Saunders	Larry Iverson	Riley Parker
Roger Reedy	Bob Deeb	Mike Benbow

### Call to Order

Larry Saunders called the meeting to order at 5:05 p.m.

### Minutes of Previous Meeting

The minutes were accepted without objection.

### Agenda Adoption

The agenda was adopted without addition.

### Old Business

#### Finance

The Treasurer, Roger Reedy, distributed the latest balance sheet and income statement. He reported no issues to discuss.

#### Scholarship Selection Process

Larry Saunders presented information from Barry Acosta concerning his negotiation with UNO regarding details of setting up the Donald G. Iverson Scholarship Fund. He reported that Barry has been in contact Sharon Grubner at UNO, who advised Barry to review the UNO scholarship rules. Barry will review UNO's scholarship rules and present his findings to the Board on UNO's proposed scholarship requirements.

#### Education

Bob Deeb reported that, as of 6 February, nine requests for information on the 21–22 March training seminar had been received. Out of the nine requests, four students have confirmed enrollments leaving 26 spots still available. Discussion ensued on the possibly of bulk mailing an advertisement on the training seminar; however, it was decided to send an e-mail message to the New Orleans Section distribution list.

#### Web Site

No report.

### New Business

#### Monthly Meeting Schedule for April and May

A regular meeting will not be held during the month of April in lieu of the Golf Tournament to be held on Friday 20 April at Willowdale Country Club in Luling, La.

#### Golf Tournament

Discussion was held on corrections to the golf tournament sponsorship and sign-up forms. Barry Acosta will review corrections and return the forms to Larry Iverson for revision. Bob Deeb will send out information of golf tournament with an area classification e-mail.

#### Officers Candidates for 2007–08

Barry Acosta will provide a list of officer candidates to Larry Iverson for inclusion in March newsletter.

#### PayPal Report

Board members agreed to have Roger Reedy set up a PayPal account tied to the Section's checking account as an additional means for accepting payments to the Section.

### Next Board Meeting

The next Board meeting will be held on Tuesday 6 March 2007, 5:00 p.m., at Smilie's Restaurant.

### Adjournment

Larry Saunders adjourned the meeting at 5:51 p.m.

## District Leadership Conference

This year's Conference will be hosted by the Brazos Section and will be held on board Carnival's Cruise Ship "Ecstasy," 2–6 August 2007, departing from Galveston, Texas. Contact our Personal Account Manager, Heather Corona, at Travel and Transport, 2585 Bay Area Blvd., Houston, Texas 77058: (281) 461 6408; Toll Free (800)

## Next Meeting Executive Board

**Tuesday**  
**March 6, 2007 at 5:00 p.m.**  
**Smilie's Restaurant**

226 3482; Fax (281) 282 0192; or e-mail hcorona@tandt.com.

All ISA Members are encouraged to attend this year's DLC, and show your support for the development and continuation of strong ISA Sections.

It's highly recommended that you make an initial deposit by 30 March deadline in order to participate wholly and enjoy the amenities presented to our particular group. Call (281) 461 6408 and mention ISA District 7 DLC. Heather Corona will answer all your questions on Cruise details. Call (979) 237 6207 and Shelly Key will answer all your questions on ISA Conference.

Please click here for Invitation Message, Registration, and Cruise Enrollment Form.■

## Summer Leaders' Meeting

Coming a bit later this year is the SLM in Scottsdale, Arizona, 23–27 June. Check the schedule at by clicking on this link.

ISA President Steve Huffman is challenging Committee Chairs to conduct business by e-mail or conference call prior to the SLM in order make the on site meeting time more efficient. In light of this, the following changes have been made to the traditional Leader Meeting schedule:

- Meeting time slots will be 50 minutes with a 10-minute break between each time slot.
- An "ad hoc" meeting room will be available on site to be used for meetings that require less than the 50-minute time slot. Scheduling of the ad hoc meeting room will be coordinated in the registration area.
- The lunch time has been expanded from 45 minutes to 70 minutes.
- The Leader Training Seminar will be held on Sunday.
- The Board of Department and Board of District Vice Presidents will meet on Monday.
- A free afternoon has been provided for team-building. A golf outing is being planned for the free afternoon.

Hotel and meeting registration information is available on the website, along with details about the special group event. As you make your plans, please note the 2007 SLM group event will be held on Saturday 23 June.■

## ISA New Orleans Section 2006–07 Program and Meeting Schedule

Date	Topic	Speaker
Tuesday 6 March	Examination of Hot Surface Ignition Criteria Smilie's Restaurant	Robert J. Alonzo, P.E. Alonzo and Associates, Inc.
Friday 20 April	Golf Tournament Willowdale Country Club in Luling, La.	—
Tuesday 8 May	In planning Smilie's Restaurant	

Monthly meetings are held at Smilie's Restaurant, 5725 Jefferson Highway—corner of Jefferson Highway and Edwards Avenue—Harahan, Louisiana, unless noted otherwise in *The Current Pnewsletter*. For other meetings, watch for announcements in *The Current Pnewsletter*. For comments or questions regarding this year's program schedule, contact the Chairman, programs, whose name and telephone number are listed on page 2.

**—Seats still available, going fast—**

### New Orleans Section to present Area Classification seminar on March 21–22

New Orleans Section will sponsor a two-day seminar covering the aspects of electrical design in hazardous locations.

Hazardous (classified) locations are defined by the National Electrical Code as locations where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings. The seminar will present information on the Division and Zone classification schemes for such locations, explaining the advantages and disadvantages of each, and discuss what electrical equipment and what wiring methods are allowed by the two schemes. Emphasis will be on facilities surrounding oil and gas drilling and producing facilities. Information applicable to refineries and chemical plants also will be presented. Material presented will be from NFPA 70 (National Electrical Code), API Publications RP500, RP505, RP14, and RP14F as well as other publications by NFPA, IEEE, and ISA. Videos will supplement the oral presentation, and a class exercise will test the student's understanding of the material presented.

Upon completing the class, the student should be able to perform the following activities:

- Prepare classification drawings using both the Division and Zone classification schemes
- Specify equipment that is suitable for hazardous locations
- Specify wiring methods suitable for hazardous locations

- Inspect electrical systems installed in hazardous locations and determine if such equipment is installed properly and is suitable for the location.

The class will consist of 16 hours of class time, approximately 8 hours per day for 2 days. Attendees will be eligible for 16 Professional Development Hours (PDHs), applicable to the requirements for professional engineers in most states. Each attendee will also receive a detailed binder of all material presented for use as a personal reference.

The course will be presented by Mr. David N. Bishop, P.E. Dave is an ISA Fellow grade member, holds BS and MS Degrees in Electrical Engineering and has a lifetime of electrical engineering experience in the oil and gas industry. Dave has presented this class to other groups that have rated the course content as excellent and most appropriate.

The course will be presented March 21–22 at the Reily Electrical Supply training room at 3011 Lausat Street, Metairie, Louisiana. The enrollment fee for ISA Members is \$400.00, and \$485.00 for non-members (the latter includes ISA membership for one year) is required by February 21. Reservations made after 21 February will be accepted on a first come first served basis up to 30 attendees.

To enroll, e-mail your request for a reservation to Robert.Deeb@selu.edu. Instructions will follow via reply e-mail for fee payment. Reservations will be confirmed as the fee is received. Class size is limited to 30 attendees. ■

# Announcements

## EPA gives pre-publication approval of Hach m-ColiBlue24 E. coli test procedure method for wastewater

Hach Company announced that its Hach m-ColiBlue24® analytical method has received pre-publication approval from the United States Environmental Protection Agency (USEPA) for monitoring of *Escherichia coli* (E. coli) in wastewater. In addition to the recent pre-publication approval, Hach m-ColiBlue24 is also EPA approved for monitoring of E. coli and total coliforms in Drinking Water and Ambient (Recreational) Waters.

The approved Hach m-ColiBlue24 method is a single-step MF procedure that simultaneously detects total coliforms and E. coli in just 24 hours. Start-up costs and per-test costs are considerably lower than other approved methods, as m-ColiBlue24 does not require investment in special equipment, sealers, or UV lamps.

For more information, contact Hach Company, P.O. Box 389, Loveland, Colorado, 80539 USA; tel.: (800) 227 4224; fax: (970) 669 2932; e-mail: orders@hach.com; online: www.hach.com. ■

## Hach introduces new Phosphate Analyzer with wide detection limits for a variety of wastewater applications

Hach Company announces the new PHOSPHAX™ sc Phosphate Analyzer with detection limits as low as 0.05 mg/L and as high as 50 mg/L phosphate.

Quick response is vital for optimal operation and the PHOSPHAX™ offers a fast response time of only five minutes, including sample preparation and the ability to choose the measurement interval. The housing is weatherproof and lockable so that the PHOSPHAX™ sc analyzer can be installed right at the basin, even in the toughest climates. The unit comes complete and assembled—no separate housing is required.

For more information, contact Hach Company, P.O. Box 389, Loveland, Colorado, 80539 USA; tel.: (800) 227 4224; fax: (970) 669 2932; e-mail: orders@hach.com; online: www.hach.com. ■

## ISA Training Courses offered at ABB Automation World 2007

ISA is proud to be an Educational Partner at ABB's Automation World 2007! ABB Automation World Conference will be held at the Caribe Royale Hotel in Or-

lando, Florida, 20–22 March 2007.

This conference offers an opportunity to learn about the latest ABB solutions and future trends and you will have access to ISA educational programs at the event including ISA training courses, conference presentations sponsored by ISA, and an ISA onsite bookstore.

Following are ISA Courses to be offered at ABB Automation World 2007:

- 20 March—Ethernet & TCP/IP on the Plant Floor
- 20 March—Implementing Enterprises/Control Integration Using ISA-95 Standards
- 21 March—Safety Instrumented Systems: The Must Know For Implementation
- 21 March—Overview of Measurement & Control Fundamentals
- 22 March—Securing Industrial Networks: Cyber Protection for Automation, Control & SCADA Systems
- 22 March—Introduction to Applying the Batch Control Standard ANSI/ISA 88.01.

Learn More and Register for ISA Training.

All ISA training course participants will receive the following:

- Continuing Education Units (CEUs)
- One-year complimentary membership in ISA, if you are a first-time new member
- Free entrance to exhibits
- Complimentary lunch during the event
- ABB Automation World Conference Registration.

If you would like to attend the ABB Automation World Conference program, you must register for the conference separately from your training course registration.

Register for ABB Automation World Conference. As a special bonus, all ABB Automation World 2007 attendees will receive an additional coupon on site to receive a \$10 discount off any ISA publication sold in the on site ISA Bookstore.

Don't miss your chance to attend this informative and comprehensive conference!

Register today by clicking the links above. ■

## Five promotions at Keystone Engineering Inc.

Keystone Engineering Inc. is pleased to announce the recent promotions of five employees to "Associate Partner": Adam C. Rogge, P.E., Arthur G. Bourgeois, P.E., Patrick Lyles, and J. Antonio Zepeda of the New Orleans office; and Richard A. Fontenot of the Lafayette office.

Keystone Engineering is currently increasing staff and expanding offices with the help of our new associate partners. ■

# Official Ballot

## ISA New Orleans Section

### Elected Officer Nominations for 2007–08

Please print and fax, or e-mail, to:

Toby Miller      Fax:      (504) 455 0868  
 ISA New Orleans Section, Inc.      E-mail:      ttmiller@edg.net

From:    Member name    \_\_\_\_\_  
           Membership #    \_\_\_\_\_  
           Phone #        \_\_\_\_\_

## Return Ballot by Monday 5 March 2007

Please circle your selections or write them in the blank space provided

President	Larry Saunders	or	_____
President-elect	Henry Suthon	or	_____
Vice President	no nominee	or	_____
Treasurer	Roger Reedy	or	_____
Secretary	Beth Walker	or	_____

## Invitation

New Orleans Section is looking for non-elected committee chairmen volunteers.

—— Come on board. You're welcome! ——

Contact Larry Saunders at (504) 849 3365 or via e-mail at  
LawrenceASaunders@eaton.com

## PLEASE

Only current, dues paid-up members of ISA are eligible to vote.