



New Orleans Section

Setting the Standard for Automation

October 2015 The Current Pneusletter



These links are "hot."
Try them out to find
out what's going on!

Next Section Meeting

Date	Tuesday 13 October
Place	Smilie's Restaurant, Harahan, La.
Time	Social hour 6:00–6:30 p.m. Program and dining at 6:30 p.m.
Price	Member—\$25 Student—\$10
Click to RSVP	isanolaneworleans@gmail.com
Pay in advance	Regular: Click here to pay in advance on PayPal Student: please pay at the meeting

Oct. meeting on
2nd Tuesday
—Earn 1 PDH—

Tools to manage your project

What does an engineer need to know about running a project? At minimum, a grasp of the basic concepts for initiating, planning, executing, controlling (i.e., measuring), and closing the project would seem to cover all the basis. Else, and at minimum, the project is likely to perform mediocrity.

This is not to imply that the product itself of the project might not perform as specified. It does mean, however, that the project itself might be over budget, late, or both. Sometimes, a project might even be cancelled, thereby yielding no product at all.

Learning the formal processes of initiation, planning, executing, controlling, and closing for a project is not a trivial pursuit. Indeed, several professional associations and industry supporting organizations develop and promulgate doctrines, and certify project managers. Business and government entities value these certifications and often stipulate them as prerequisite of contract award.

Many an engineer finds himself in the role of an incidental or casual project manager rather than an intentional project manager. That is, an engineer, who has had little exposure to formal project management principals, will be handed a project specification, a budget, an end date. What tools, then, can the engineer apply?

The presentation for Tuesday 13 October will propose a set of tools that the incidental or casual project manager can apply. The tools are simple enough to acquire and use. In fact, most engineers already have these tools at hand. What might be needed—in addition to specific training on some of them—is an overall view of how they complement and supplement each other.

For example, the kneejerk response to acquiring a new project might be to fire up MS Project, for instance, and start entering deliverables and activities. That might be a useless exercise. It is likely best deferred until more information has been developed using other tools.

Larry Iverson is the meeting's presenter. He holds three university degrees—B.S. Degree (physics major) from Loyola University, M.S. Electrical Engineering Degree from LSU, MBA Degree from Loyola University—and holds the Project Management Institute's PMP® credential. Now retired, he practiced in the electronics engineering, systems design and integration, project management, and business management fields for over 40 years. He has been editor of *The Current Pneusletter* for over 14 years and received the Distinguished Society Service award in 2005.

Attendees at this presentation will be issued 1 PDH upon request.■

SECTION OFFICERS 2015–16

President

Brad Vicknair
(985) 351-7981

President-elect

Jose Suarez
(504) 344-3758

Vice President

Brandon Carey
(985) 773-7603

Secretary

Bill Brock
(504) 734-6211

Treasurer

Natarajan Muthaiah
(504) 391-6573

Delegate

Mike Williamson
(504) 849-2243
Steve May (Alt.)
(504) 456-7446

Programming Co-chairmen

Roger Reedy
(504) 220-3030
Toby Miller
(504) 908-8564

Education Chairman

Robert Terrell
(504) 613-8039

Membership Chairman

Dean Bickerton
(504) 717-0718

Codes, Standards, & Practices Chair- man

Ram Ramachandran
(504) 456-6269

Newsletter Editor

Larry Iverson
(504) 813-6972

Webmaster

Wayne Welk
(504) 734-6237

Exhibits Chairman

Bill Brock
(504) 734-6211

Marketing Chairman

Dean Bickerton
(504) 717-0718

Publications Chairman

Larry Iverson
(504) 813-6972

Honors & Awards Chairman

Ram Ramachandran
(504) 456-6269

Historian

Larry Iverson
(504) 813-6972

Student Section Liaison

Leo Holzenthal
(504) 836-8902

Section-Division Liaison

Wayne Welk
(504) 734-6237

Codes, Standards, Practices, Shrimp Boil Chairman

Ram Ramachandran
(504) 456-6269

Past President

Steve May
(504) 456-7446

Arrangements Chairman

Mike Benbow
(504) 836-8976

President's Message

Brad Vicknair
President

ISA New Orleans Section

Ph.: (985) 351-7981

bjvicknair@ra.rockwell.com



Dear Fellow Members,

The ISA New Orleans Section Executive Board and section officers have been hard at work planning as well as executing the plan for this year. I would like to personally thank the executive board members as well as the section officers for your time, participation, and efforts.

The first event of the year, the Annual Membership Drive Shrimp Boil, was held on 11 September. The event was once again held on UNO's campus to continue our efforts for promoting the section to future generations of engineers. Even though we were hampered by rainy weather throughout the day it was still a successful event. I would like to thank the Executive Board and section officers along with the UNO students and faculty for making this event a success. I truly enjoyed spending time with our members and the UNO students.

I would also like to thank our corporate sponsors for their continued support of ISA New Orleans Section. We have retained the support from most of last year's sponsors and have added two new sponsors for this year. All sponsors are featured in the monthly newsletter, so you can see their information below. We are still accepting sponsors for the 2015–2016 fiscal year, so please contact me if you are interested.

October will be another busy month for the section. Our first open section meeting of the year will be held on Tuesday, 13 October. Our speaker will be one of our section officers, Larry Iverson. Larry will be presenting on Project Management Tools. I hope that you are able to attend and I look forward to seeing you at the monthly meeting. Second, Jose Suarez, Section President-Elect, will be attending and representing the section at the Society's annual Fall Leadership Meeting. This year's meeting is being held Saturday 10 October–Tuesday 13 October in Louisville, Ky. Third, we are promoting the PIPE (Petroleum Industry Promoting Education) "Party with a Purpose!" event being held at the Louisiana Children's Museum on 20 October. The event flyer is included in this newsletter. The section is a participating member in PIPE, and it would be great if we had a strong presence from our section members at the event. I'm looking forward to seeing you all there at the Children's Museum on 20 October.

We are looking forward to yet another successful year. Please join us at the monthly meetings for educational presentations and discussions regarding many interesting and relevant topics affecting our industry.

Sincerely,

Brad Vicknair, President
ISA New Orleans Section, Inc.

Articles & Announcements

Articles and Announcements

Submit an article or announcement to *The Current Pneusletter* to Larry Iverson via lhiverson3@att.net.

Deadline

Materials must be submitted by the 10th day of the month

Sponsors

Sponsors

Please contact our Marketing Chairman, Dean Bickerton, for more details and availability regarding future sponsorship with the ISA New Orleans Section beginning in the fall.

Corporate Sponsors



Computerized Processes Unlimited, LLC, (CPU® LLC) is a software and services company that delivers software solutions for the Oil and Gas Market, focused on the eFCAS RelationalSCADA® and Measurement software offering. Our eFCAS™ software is used worldwide, supported 24x7, and is the only SCADA and Measurement solution that provides everything from Data Collection to Production Well Testing. CPU is the one-stop-shop for all of your SCADA and Measurement requirements. Visit cpulc.com.



The Reynolds Company is an independently owned wholesale distributor with global distribution and project management experience. We are a premier supplier of electrical, lighting, automation, switchgear and datacom products. The Reynolds Company has experienced personnel on staff including electrical engineers to work with customers to provide engineered solutions and services along with a complete suite of electrical supplies and equipment. Visit ReynoldsOnline.com.

Rockwell Automation

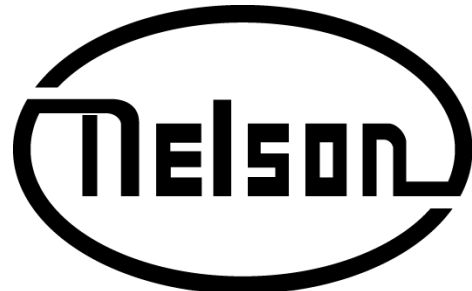
Rockwell Automation, the world's largest company dedicated to industrial automation and information, makes its customers more productive and the world more sustainable. Throughout the world, our flagship Allen-Bradley® and Rockwell Software® product brands are recognized for innovation and excellence.

Visit www.rockwellautomation.com.



With over a half century of experience and thousands of installations worldwide, Petrotech provides customized control solutions in a full turnkey package, from engineering concept to installation and commissioning. Our corporate office is located in New Orleans, La., with full-service offices in Houston, Tx., and the United Kingdom.

Our products include integrated control systems for gas, hydro, and steam turbines, generators, reciprocating/diesel engines, compressors, centrifugal and axial compressors, pumps, and all associated ancillary systems. Our turnkey services include engineering design (software and hardware), project management, control panel fabrication, system integration, site I&E services, commissioning, training, customer service, and startup. Visit www.petrotechinc.com.



NELSON provides project management, engineering, environmental science and architectural services from offices in New Orleans, Louisiana and Houston, Texas. We have served multiple clients in a broad range of projects worldwide since 1945.

Our staff of over 300 professionals and support personnel blends many years of experience and expertise with today's technology to deliver state-of-the-art projects for our clients, focusing on scope, schedule and budget.

By providing a wide spectrum of project services, we often work with clients from concept development to start-up, and regularly maintain a life-of-facility relationship with them through continuous support of operations. Visit wsnelson.com.



M S Benbow and Associates

A Professional Engineering Corporation
www.msbenbow.com

M S Benbow and Associates is a Professional Engineering Corporation that provides Electrical Power Systems, Instrumentation, Control Systems, and Telecommunications systems design, commissioning, start-up and testing services to clients across the Gulf South. Visit msbenbow.com.



Champion Technology Services, Inc., was founded in 2000 with a main focus in industrial automation and control systems integration, and has since expanded that focus to include wireless communications and data management. Most automation projects include the design, fabrication, integration, installation, commissioning, and follow-up maintenance of control systems using the latest DCSs, PLCs, HMIs, and hybrid systems. Our telecommunication services include tower maintenance and path surveys. Champion has eight offices spread throughout Louisiana, Texas, Utah, and Colorado and serves customers in the surrounding states and throughout the country. When it comes to technology, "we've got it under control!!!" Visit <http://champtechnology.com/>.

ISA New Orleans Section 2015–16 Program and Meeting Schedule

Date	Topic	Speaker
Tue. 13 Oct.	Tools to manage your project Smilie's Restaurant, Harahan, La.	Lawrence H. Iverson, PMP
Tue. 10 Nov.	In planning	
Tue. 1 Dec.	In planning Manager's Night	
Fri. Jan.	Honors and Awards Banquet	
Tue. 2 Feb.	In planning	
Tue. 1 Mar.	In planning	
Tue. 5 Apr.	In planning	
Tue. 3 May	In planning	

New Orleans Section, Inc.



This month's safety topic

[Editor's note: Each month's meeting of the Executive Committee features an agenda item titled "Safety Topic." Unfortunately, while the newsletter reports these important topics, they have been buried in the minutes of the preceding month's meeting. The section President prepares the topics and reads them near the beginning of the meeting. The practice of including a safety topic during the meeting began a few years ago. Now for the first time, the topic is presented in its entirety as a featured story in the newsletter.]

September safety topic

One thousand eye injuries occur in American workplaces every day. These injuries are responsible for over \$3 million annually in medical, lost production, and workers' compensation costs! Why are these injuries occurring?

- Three out of five injuries happen because the worker was not wearing any eye protection at the time of the accident.
- About 40 percent of the injured workers were wearing some type of eye protection, but it was the wrong kind and failed to protect adequately. The leading cause in this category is the lack of side shields.
- Accident studies reveal flying or falling objects and sparks as the cause of 70 percent of eye injuries.

Nearly 60 percent of the objects causing eye injury are smaller than a pin head.

- Nearly 20 percent of all eye injuries are caused by contact with chemicals. This includes splashing or chemicals being sprayed directly into the eye.
- Forty percent of eye injuries occurred among craft workers, such as mechanics, repairers, carpenters, and plumbers. Thirty percent of eye injuries occurred among operatives, such as assemblers, sanders, and grinding machine operators.
- Fifty percent of the injured workers were employed in manufacturing. Twenty percent were employed in construction.

What can be done to prevent these injuries? First of all, make sure you select the proper eye protection for the task. Ninety-four percent of the eye injuries that occurred to workers wearing eye protection resulted from objects or chemicals going around or under the protector. Second, make sure the eye protection you have selected fits properly and is clean. One of the leading reasons for workers removing or not wearing eye protection is the lens became dirty and they could not see what they were doing. Nearly 20 percent of eye injuries happened to workers wearing face shields or welding helmets while grinding. Only six percent of the workers injured while wearing eye protection were wearing goggles.■

Society Announcements

Click on these ads to learn more

Earn rewards for recruiting new ISA members!

Find out more...



ISA Members: Unemployed?

Learn how to extend your membership for **FREE**

Visit:
isa.org/unemployedmembers
to learn more




New Orleans Section, Inc.



Process Control & Safety Symposium 2015

Returning to Houston!

The only thing more important to you than process control is **safe** process control.

9-12 November 2015
Houston Marriott Westchase
Houston, Texas USA

2015 sponsors

Platinum



Platinum Luncheon



Platinum Reception



Gold



3eTI

Silver



Technical Content Contributor



Click on this address to go to the web site: www.sgs-neworleans.org. Then select the Outreach tab at the top of the page to register.

PIPE
PETROLEUM INDUSTRY
PROMOTING EDUCATION

SEG
Society of Exploration Geophysicists
The international society of applied geophysics

LOUISIANA CHILDREN'S MUSEUM

In cooperation with

brings you a

PARTY WITH A PURPOSE

FEATURING

BENCHWARMERS

TUESDAY, OCTOBER 20TH FROM 7-10 PM
LOUISIANA CHILDREN'S MUSEUM

Join the Energy Professionals in Southeast Louisiana and the International Geophysical Community for an evening of fun and advocacy.

FOOD AND BAR BY **Martin WINE CELLAR** RAFFLES BEER TASTING BY **ABITA**

Sign up for the event or sponsorship at www.sgs-neworleans.com
100% of all Proceeds Dedicated to the Louisiana Children's Museum

Title Sponsor - \$1000 - Leading Name on All Flyers and Posters, Recognition at Event, and Opportunity to Address the Audience (10 Tickets to the Event)

Gold Sponsor - \$500 - Name on All Flyers and Posters, Recognition at Event (5 Tickets to the Event)

Silver Sponsor - \$250 - Recognition at Event (2 Tickets to the Event)

Individual Tickets - \$50 in advance, \$65 at the Door



**Tickets in
advance sale!**

PIPE (Petroleum Industry Promoting Education) is a collaborative effort among the petroleum industry societies, corporations and the education community to support efforts that advance educational efforts in Southern Louisiana

For more information, please contact Eric Zimmerman at ericz@llog.com or Julius Doruelo at julius_doruelo@yahoo.com

Meeting Minutes, Executive Board ISA New Orleans Section, Inc.

1 September 2015

Present			Not Present
Brad Vicknair	Dean Bickerton	Nat Muthaiah	Leo Holzenthal
Larry Iverson	Bill Brock	Toby Miller	Robert Terrell
Brandon Carey	Steve May	Mike Benbow	Wayne Welk
Mike William-son	Ram Ramachandran	Roger Reedy	
		Jose Suarez	
Guest: David Vice			

Call to Order

President, Brad Vicknair, called the meeting to order at 5:05 p.m.

Quorum

A quorum was achieved.

Safety Topic

One thousand eye injuries occur in American workplaces every day. These injuries are responsible for over \$3 million annually in medical, lost production, and workers' compensation costs! Why are these injuries occurring?

- Three out of five injuries happen because the worker was not wearing any eye protection at the time of the accident.
- About 40 percent of the injured workers were wearing some type of eye protection, but it was the wrong kind and failed to protect adequately. The leading cause in this category is the lack of side shields.
- Accident studies reveal flying or falling objects and sparks as the cause of 70 percent of eye injuries. Nearly 60 percent of the objects causing eye injury are smaller than a pin head.

Next Meeting

Executive Committee

Tuesday 13 Oct. 2015, 5:00–6:00 p.m.

Smilie's Restaurant

- Nearly 20 percent of all eye injuries are caused by contact with chemicals. This includes splashing or chemicals being sprayed directly into the eye.
- Forty percent of eye injuries occurred among craft workers, such as mechanics, repairers, carpenters, and plumbers. Thirty percent of eye injuries occurred among operatives, such as assemblers, sanders, and grinding machine operators.
- Fifty percent of the injured workers were employed in manufacturing. Twenty percent were employed in construction.

What can be done to prevent these injuries? First of all, make sure you select the proper eye protection for the task. Ninety-four percent of the eye injuries that occurred to workers wearing eye protection resulted from objects or chemicals going around or under the protector. Second, make sure the eye protection you have selected fits properly and is clean. One of the leading reasons for workers removing or not wearing eye protection is the lens became dirty and they could not see what they were doing. Nearly 20 percent of eye injuries happened to workers wearing face shields or welding helmets while grinding. Only six percent of the workers injured while wearing eye protection were wearing goggles.

[Editor's Note: The full minutes of the September meeting will be included in next month's newsletter. They were not available in time to be included in this issue.]

Packaged just for you!

Improve cybersecurity defenses and better confront the growing dangers of cyberwarfare

with the ISA Cybersecurity Tech Pack from the International Society of Automation (ISA).

[Learn More](#)

