The International Society of Automation (ISA) Birmingham Section is proud to be a member of the Engineering Council of Birmingham (ECOB) and participate in the annual *Engineer’s Week Awards Banquet*. This event is set for **Tuesday, February 19, 2019, at the Harbert Center, 2019 4th Ave N, Birmingham, AL 35203**, and everyone is invited to attend and celebrate the honorees who will be introduced at the dinner.

The ISA Awardees who will be recognized at the dinner are:

- **Engineer of the Year**: John Sorge, PE – Southern Company Services
- **Young Engineer of the Year**: Steven Holland – W.G. Yates Company
- **Distinguished Service Award**: Cliff Fleming – Control Equipment Company

If you would like to attend the banquet, reservations may be made by sending the individual names and contact information to the ISA Birmingham Section Treasurer, **Patrick Joseph, 1421 Oakridge Drive, Birmingham, AL 35242** along with a $50 check for each professional ticket, payable to ISA Birmingham Section ($35 for each student ticket). Patrick will send in the money and make the reservations for all of the ISA participants. This has always been an outstanding dinner and program and this is the same venue as last year.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Interesting Signs of the Times!!
ISA Birmingham Leaders 2018 – 2019

Visit the ISA Birmingham web site: www.isa.org/birmingham

- President: Jim Key – Southern Company Services (jimkey@southernco.com)
- Vice President: Meg Moore – W. G. Yates Company (mmoore@wgyates.com)
- Treasurer: Patrick Joseph – Southern Company Services (pviyoseph@southernco.com)
- Secretary: John Cover – A&E Engineering (cover.john5@gmail.com)
Past President: Frank Flow – Flexim Inc. (fnflow@yahoo.com)
Program Chair: Mark Isbell – W. G. Yates Company (misbell@wgyates.com)
Education Chair – Gerald Wilbanks – DES (gwilbankspe@charter.net)
Membership Chair: Catherine Andrews – Hile of Alabama (candrews@hilealabama.com)
Honors & Awards Chair: Gerald Wilbanks – DES (gwilbankspe@charter.net)
Web Master: Jimmie Johnson – Southern Company Services (jimjohns@southernco.com)
Marketing Chair: Chris Sorensen – Southern Company Services (ccsorens@southernco.com)
Publications Chair: David Hyche – KBR (david.hyche@kbr.com)
Standards & Practices Chair: John Bryant – Southern Company Services (jabryant@southernco.com)
Historian: Skip Wells – Southern Company Services (skipandalice@att.net)
Student Section Liaison: Yao Wang – Southern Company Services (ywang@southernco.com)
Section Division Liaison: Charles Morris (c.morris7711@gmail.com)
ECOB Liaison: Cliff Fleming – Control Equipment Company (cfleming@eadsdistribution.com)
President Advisory Team and Special Assignment:
Delane Ponder – Southern Company Services (X2ponder@southernco.com)
Grady Andrews – Hile Controls of Alabama (gandrews@hilealabama.com)
Cliff Fleming – Control Equipment Company (cfleming@eadsdistribution.com)
John Edge – Baluff Inc. (john4auburn@gmail.com)
Kiumars Bahri – Southern Company Services (kbahri@aol.com)

^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^

Mark Your Calendar:

• 49th Annual training class: “Fundamentals of Industrial Automation, Instrumentation, and Control”
  May 7 – 9, 2019 (8:00 AM until 4:00 PM)
  Location: KBR Engineering in Birmingham
  Save on Early Bird Registration until March 1, 2019.
  Information and registration information:
  https://www.isa.org/events-conferences/events-calendar/event-details/?productId=62875972

• ISA Birmingham Section Honors & Awards Dinner
When:  Tuesday – May 14, 2019
Where:  Red Lobster Restaurant – Highway 31 in Vestavia
Why:  To recognize the awardees, welcome new officers, and host the former ISA Birmingham Section Presidents.
Cost:  Section pays for dinner for all awardees, member spouses, and former presidents.

Anyone with suggestions as to program topics and presentations, should contact Mark Isbell at misbell@wgyates.com, with ideas and suggestions.

Time is Short on this one!!  Scholarship Application

Check out ISA’s Educational Foundation Scholarships

To ensure that the best and brightest minds have access to education, the International Society of Automation (ISA) is here to help through Educational Foundation Scholarships.

University students who have outstanding potential in the field of automation should apply! Scholarships can support tuition and related expenses, as well as research activities and initiatives. For details and eligibility requirements, click here or contact us at info@isa.org.

All applications must be submitted no later than 15 February 2019.
Benefit your future, your career, and your network
As a student member, you have access to conferences and events, subject matter experts, networking, leadership opportunities, and local employment opportunities through ISA's geographic sections. Don’t miss your chance to join or form a student section near you!

Become an ISA student member today. Visit [www.isa.org/join](http://www.isa.org/join), or call +1 919-549-8411.
Technical Brain Teaser:

Which of the following protection techniques is acceptable for equipment located in a Class I, Division 1 area of an industrial facility?

a. Explosion-proof apparatus and nonincendive equipment
b. Explosion-proof apparatus and intrinsically safe equipment
c. Dust ignition proof and nonincendive equipment
d. General purpose and intrinsically safe equipment

Scroll Down for the Correct Answer

Answer

A Class I, Division 1 area is defined in the National Electric Code as being for gases and vapors and an explosive mixture present at any given time. Since the area may be hazardous and subject to explosion under normal operation, explosion proof enclosures or intrinsically safe devices must be employed. Nonincendive equipment may only be used in Division 2 areas and an entity
The correct answer is B