

Trend Recorder

ISA Birmingham Web Site: www.isa.org/Birmingham [us19@mailchimp.com]

October 1, 2025

SAVE THE DATE

The next technical meeting for the ISA Birmingham Section is just around the corner in October, and you do not want to miss this presentation. **Plan to attend the meeting on Tuesday, October 14, 2025 and bring someone with you.** This will be a hybrid meeting with the live session taking place on site and a Zoom online occasion also. The connection link will be shared at a later date, and you are encouraged to join the virtual presentation if you cannot attend in person.

Technical Meeting: Revere Control Systems – 5201 Princeton Way, Hoover, AL

Time: 5:00 – 6:30 PM

Speaker: Andrew Green – Trihedral Inc.

Topic: “Real World Consequences of SCADA System Cyber-Security”

Please note that this meeting will qualify for a Professional Development Hour (PDH) credit for license, certification and record requirements. Information will be provided for the manner of obtaining the PDH Certificate.

ISA BIRMINGHAM SECTION NEWS

The ISA Birmingham Section had the annual Kick-Off Meeting on Tuesday, September 18, 2025, at Revere Control Systems. This MIX AND MINGLE EVENT served as the initial meeting for the 2025 - 2026 section year and started at 5:00 PM with a social time, followed by a pizza treat dinner and snacks at 5:30 PM, and Mix and Mingle until 6:30 PM.

There were discussions and a presentation of the activities planned for this year, and a look at opportunities for members to network and share information about their work in the field of automation, instrumentation, and control. This was a wonderful time to become familiar with the section plans and make plans for career development, while meeting new contacts, and renewing old acquaintances.

Section President David Harris outlined some of the plans for activities for the coming year. There were a lot of questions and interactions concerning how these activities were to take place and how the section was supported.

ISA Birmingham Section

2025-2026 Executive Leadership Team

- **PRESIDENT: DAVID HARRIS – REVERE CONTROL SYSTEMS**
- **TREASURER: PATRICK JOSEPH – SOUTHERN COMPANY**
- **SECRETARY: RAMSEY SAAB – PROCESS AUTOMATON & CONTROLS**
- **PROGRAM CHAIR: CHUCK JONES – PROCESS VALVE & INSTRUMENTS**
- **MEMBERSHIP CHAIR: GERALD WILBANKS – DOC. & ENG. SERVICES**

2025-2026 Board Members

- **STEFANIE FUNK: BBP SALES**
- **MEG MOORE: W. G. YATES ENGINEERING**
- **DAVID WALSH: PROCESS AUTOMATON SIMULATION SERVICES**
- **JOHN COVER: BBP SALES**

- **KUMARS BAHRI – BAHRI ENGINEERING**
- **GRADU ANDREWS: HATFIELD AND COMPANY**
- **CHARLES MORRIS: RETIRED**
- **STEPHEN WELLS: RETIRED**
- **CATHERINE ANDREWS: RETIRED**
- **DAVID HYCHE: W.G. YATES COMPANY**
- **DELANE PONDER: RETIRED**

ISA Birmingham Mission

The ISA Birmingham Section exists to advance automation, instrumentation, and control; professional development of members, and create a network of professionals to share and

ISA Birmingham Goals

The aims and objectives of the ISA Birmingham Section are to:

- I. Provide opportunities for members to develop their professional and leadership skills through a teaching atmosphere.
 - II. Develop programs and provide training to disseminate technical information to persons in the automation, instrumentation, and control field of practice.
 - III. Establish local and international opportunities for networking and information sharing in the automation, instrumentation, and control field.
 - IV. Promote automation, instrumentation, and controls as a valuable and important field for students.
 - V. Create scholarship opportunities for students in the field of automation, instrumentation, and controls.
 - VI. Encourage automation, instrumentation, and controls professionals to share their experience across industry boundaries and promote innovative thinking.
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CORPORATE SPONSOR PROGRAM

The ISA Birmingham Section appreciates the partnership with the 2024-2025 Corporate Sponsors. The enlistment process is going on now and there will be a complete listing of the supporters in the next issue of the Trend Recorder. These companies are a real key to advance the automation, instrumentation, and controls field of work.

- **Amerson Engineering:** www.amersoneng.com [us19@mailchimp.com]
- **BBP Sales Inc.:** www.bbpsales.com [us19@mailchimp.com]
- **Fluid Flow:** www.fluidflow.com [us19@mailchimp.com]
- **Hatfield and Company:** www.hatfieldandcompany.com [us19@mailchimp.com]
- **Kendall Electric:** www.kendallelectric.com [us19@mailchimp.com]
- **PASS Inc.:** www.pass-inc.com [us19@mailchimp.com]
- **Revere Control Systems:** www.reverecontrol.com [us19@mailchimp.com]
- **Trans-Valve:** www.trans-valve.com [us19@mailchimp.com]
- **Tri Nova:** www.trinovainc.com [us19@mailchimp.com]
- **W.G. Yates:** www.wgyates.com [us19@mailchimp.com]

The ISA Birmingham Section is now enlisting the Corporate Sponsors

for 2025-2026 and invites any interested companies to visit the ISA Connect Link below for information on registration.

<https://connect.isa.org/events/event-description?CalendarEventKey=b7f61394-78c94aff-b504-019806e3188a&CommunityKey=f86bf3a7-d1fb-4ae8-8b54-510563328d92&Home=%2fcommunities%2fcommunity-home%2frecent-community-events> **[us19.mailchimp.com]**

Calendar

2025-2026 ISA Birmingham Section Schedule

Event	Date
Annual Planning Meeting – ExCom	July 18, 2025
Kick-Off Meeting - Revere Control Systems: 5201 Princeton Way, Hoover, AL Time: 5:00 PM until 6:30 PM Speaker: Mix and Mingle time to have food, fun, and fellowship with other members and those interested in the automation and controls field of work.	September 9, 2025

Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: Andrew Green – Trihedral Inc. Topic: “Real World Consequences of SCADA System Cyber-Security”	October 14, 2025
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:30 – 6:30 PM Speaker: TBD Topic: TBD	November 11, 2025
ISA Birmingham Section Christmas Party Date and Time: Tuesday – December 9, 2025 Time: 6:30 PM Location: TBD	December 9, 2025
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:30 – 6:30 PM Speaker: TBE Topic: TBD	January 13, 2026
ECOB Banquet– Annual Dinner and Celebration Location: Harbert Center, 2019 Fourth Avenue North, Birmingham Engineer’s Week Honors and Awards Recognitions Social: 5:00 PM Dinner: 6:00 PM Awards and Recognitions: 6:30 PM	February 17, 2026
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: TBD Topic: TBD	March 10, 2026
Plant Visit – TBE Details of hours and transportation will be announced in a meeting notice to come out in early April.	April 14, 2026

“Fundamentals of Industrial Automation, Instrumentation, and Control” Training Course Location: Revere Control Systems - 5201 Princeton Way, Hoover, AL <i>For specific details and to register, please click on the following connection link:</i> TBD	May 5 – 7, 2026
Birmingham Section - Honors and Awards Banquet – Location: TBD Presentation of awards to the Engineer of the Year, Young Engineer of the Year, and Distinguished Society Service Award. Recognition of Former Presidents of the ISA Birmingham Section.	May 12, 2026

vociferous

adjective | voh-SIF-uh-rus

Matt's Word for the Day

What It Means

Vociferous describes people who express their feelings or opinions loudly and insistently. It is also applied to things, such as objections, that are expressed in such a way.

// We were *vociferous* in our support of the proposal.

// The decision was made over their *vociferous* objections. .

Examples of use:

That Maestro screening featured the ***vociferous*** participation of Leonard Bernstein's surviving family members, as well as Cooper himself watching silently from the audience (the strike prevented him from doing more), a perfect companion to Cooper's alternately reverent and over-the-top biopic.—Joe Reid, *Vulture*, 25 Sep. 2025

The chants continued with four minutes left in the fourth quarter with Tulsa leading 19-12, and the ***vociferous*** crowd was heard on the ESPN broadcast.—Ryan Morik, *FOXNews.com*, 23 Sep. 2025

Technical Brain Teaser

Which of the following protection techniques is acceptable for equipment located 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

Scroll down for the answer

Scroll down for the answer

Scroll down for the answer

Scroll down for the answer

And the answer is--

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 concept must be applied. General purpose and dust ignition proof enclosures are not suitable for use in a Class I, Division 1 classified area.

The correct answer is B

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