

THE 19TH ANNUAL ICB/TABB CONFERENCE

20/20 VISION!

MAY 4-6, 2020 | ANAHEIM, CA

Sheraton Park Hotel at the Anaheim Resort



The 19th Annual ICB/TABB Conference will begin on Monday May 4, 2020 and conclude on Wednesday May 6, 2020. The conference kick-off will take place on May 4 from 7:30-8:30 a.m. with registration and a buffet-style breakfast. Opening day activities will conclude with a meet and greet reception from 3:00-4:00 p.m., followed by the ICB/TABB Recognition Dinner from 4:00-5:30 p.m.

This joint labor and management event will offer two educational tracks. The Business Track will enable conference attendees to identify market opportunities and proven methods for capitalizing on them. The Certification Track will provide conference attendees with opportunities to increase knowledge and skills, and complete a certification exam.

Certification is a statement that ICB/TABB-certified personnel are competent, reliable, and qualified professionals. The HVAC industry is competitive for contractors, and certifications are an assurance to customers of the quality advantages of utilizing persons or entities certified by ICB/TABB.

Anaheim, the largest city in Orange County, California, is best known for being the home of the Disneyland Resort, the Anaheim Convention Center, and two major sports teams: the Anaheim Ducks ice hockey club and the Los Angeles Angels baseball team. Just 24 miles from Los Angeles, Anaheim is a regional hub for economic activity and is fast becoming a world-class business center.

IMPORTANT DEADLINES:

- Conference registration, including all Business and Certification Track selections, must be completed on or before Monday, April 6, 2020.
- Hotel room reservations must be made on or before Sunday, April 19, 2020.

Certification Track:

- TABB Supervisor
- Indoor Air Quality Supervisor
- Fire and Smoke Damper Supervisor
- Duct Air Leakage Testing Technician

Business Track:

- Standards Compliance in Health Care Facilities
- Fire Life Safety Legislation: A Contractor's View
- Funds Update: NEMIC/ITI/SMOHIT
- Emerging Technologies in HVAC
- AiRNAB TAB Software: Streamlining Your Field Data Collection and Final Report Publication
- Implementation Advisory Group
- NFPA 70E 2018
- HVAC Air Duct Leakage
- The National Green, Energy and Testing Agreement

www.icbcertified.org

To register for the conference and make your Business and Certification Track selections, please visit www.icbcertified.org.

Registration for the entire conference is \$300/individual and \$150/each additional participant.
If you plan to attend only one day, the registration fee will be \$150/individual.

For registration questions, contact Charlett Hardaway at (703) 299-5646, or chardaway@icbcertified.org.

Conference attendees will receive one (1) CEU for each one (1) hour of Business and/or Certification Track activity that is completed.

The vendor tradeshow will be featured on Tuesday at the hotel with a raffle taking place during lunch.

Hotel parking is available onsite at the rate of \$18.00 self-parking.

Use the link below for making hotel room reservations at the Sheraton Park Hotel at the Anaheim Resort:

[Book your group rate for ICB/TABB](#)

Airports and Transportation Information:

<https://www.marriott.com/hotels/maps/travel/snaps-sheraton-park-hotel-at-the-anaheim-resort/>

A little about our host city:

<https://visitanaheim.org/>

CERTIFICATION TRACK

Each class in the Certification Track must have a minimum of five (5) participants registered by the deadline (April 6, 2020), or it will be cancelled for the 2020 conference. All registered participants will be notified on April 7, 2020 of any cancelled class.

TABB Supervisor

The ICB-certified TABB Supervisor directs and oversees work performed by ICB-certified TABB Technicians. This class will cover the necessary skill sets, required tools and work procedures to meet TABB standards, including the ICB Code of Conduct. This class will instruct supervisor candidates on their responsibilities in overseeing the work performed, including reviewing and signing off on the TAB report. This class will be followed by a certification exam and is open to conference attendees from both labor and management.

Indoor Air Quality Supervisor

Indoor Air Quality (IAQ) describes the condition of air inside a building. The condition of air is a combination of chemical, biological and particulate matter, as well as temperature and humidity. IAQ is important because it affects personal comfort, health and productivity. It is also of critical concern for architects, engineers and consultants who offer technical support. This class will cover the supervisor's role in overseeing work performed by ICB-certified IAQ Technicians. This class will be followed by a certification exam, and is open to conference attendees from both labor and management.

Fire and Smoke Damper Supervisor

The FSD Supervisor certification was revised in 2019, and a new exam was launched in August 2019. This class will cover the important changes between the 2010 and 2019 versions of the job scope. The ICB-certified FSD Supervisor oversees and coordinates the work of the FSD Technician, and plans and directs testing and inspection projects from inception through completion — ensuring that procedures follow the requirements of applicable codes and standards. This class will be followed by a certification exam, and is open to conference attendees from both labor and management.

Duct Air Leakage Testing Technician

The DALT Technician certification was launched in July 2019 and is quickly becoming a popular credential for SMART members to obtain. The ICB-certified DALT Technician is knowledgeable in duct leakage standards, leakage testing preparation and procedures, gathering results and completing reports, and can complete duct leakage testing in both new building construction and existing buildings. This class will be followed by a certification exam, and is open to conference attendees who are SMART members.

BUSINESS TRACK

Standards Compliance in Health Care Facilities

Learn about The Joint Commission's accreditation survey process from James Kendig, MS, CHSP, CHCM, CHEM, LHRM.

- James Kendig is the Field Director for the Life Safety Code Surveyors/Engineers at The Joint Commission. In this role, he oversees half (approximately 40) of the surveyor cadre who specialize in surveying The Joint Commission's life safety, environment of care, and emergency management standards.
- Previously, Mr. Kendig served as a Joint Commission Life Safety Code Surveyor. Prior to joining The Joint Commission, he was a Vice President and Safety Officer for a four-hospital system in Florida on the "Space Coast".
- Mr. Kendig maintains certifications as a Certified Healthcare Safety Professional, Certified Hazard Control Manager, Certified Healthcare Environmental Manager, and is a licensed Healthcare Risk Manager. He serves on the faculty of the University of Central Florida's Licensed Risk Management Program.
- Mr. Kendig holds a Bachelor's and Master's degree from West Chester University, West Chester, Pennsylvania. He is currently a resident of Florida.

Fire Life Safety Legislation: A Contractor's View

Learn from a SMART signatory contractor who is performing the required fire and smoke damper inspections under FLS legislation guidelines. This presentation will be a great opportunity to learn about the resources needed to break into this expanding market, and the potential impact on increased work hours for your company.

Funds Update: NEMIC / ITI / SMOHIT

Representatives will provide an update on the administration of current initiatives, including information on how to gain access to the resources available from each fund. The ANSI accreditation process will be explained in-depth, including the benefits of meeting the requirements of ISO/IEC 17024, and the evolution of the ICB/TABB certification program.

Emerging Technologies in HVAC

Theresa Pistochini and Caton Mande, R&D Engineers at the UC Davis Western Cooling Efficiency Center (WCEC), will present recent research results related to HVAC technologies.

Topics will include:

- The impact of ventilation on attendance and student performance in K-12 schools
- Evaluations of demand control ventilation system products
- Total system efficiency of a variable-speed residential heat pump, and the impact of thermal duct losses
- Research in new airflow measurement tools, including a building ventilation screening tool and a tracer gas airflow measurement system
- Please visit the trade-show floor following their presentation to learn more about WCEC, and share your insight and experiences to inform future research.

AiRNAB TAB Software: Streamlining Your Field Data Collection and Final Report Publication

This session will show how to create TAB projects on the AiRNAB website or in the field on iPads/tablets. Eliminate technicians driving to the office to hand off and pick up project paperwork. Easily sync completed field data information to one centralized location, eliminating redundant data entry. Reduce the turn-around time of final report generation. The session will include a short training with Weickert Industries to show the ease of implementing software into your day-to-day operations, from setting up projects to using the software in the field. All examples above will be demonstrated by Weickert Industries, that is successfully using AiRNAB in their TAB operations.

Implementation Advisory Group

Dion Abril, Executive Administrator, Western States Council, and Christopher Ruch, Director of Training, NEMI, will be covering implementation strategies actively being used within the Western states. Discussion of the Implementation Advisory Group's role in Title 24 Acceptance Testing and Fire Life Safety will highlight the coordination between SMACNA and SMART. This presentation will be followed by a jointly hosted cocktail hour by the Western States Council and CAL SMACNA.

NFPA 70E 2018

Electrocution is a well-known hazard associated with direct contact with electrical energy. According to the U.S. Department of Labor, it is estimated that more than 400 fatalities and nearly 10,000 serious injuries occur each year due to electrocution and arc flash incidents. Arc flash incidents alone are estimated to occur five to 10 times each day — resulting in a fatality every workday. According to OSHA, electrocution was the third-leading cause of worker fatalities in the construction industry in calendar year 2015. To help prevent these type of electrical accidents, the recent 2018 version of the “National Fire Protection Association (NFPA) 70E: Standard for Electrical Safety in the Workplace” makes essential updates in the areas of safety, maintenance, and training. 2018 NFPA 70E updates affect your most valuable assets. Subjects covered include arc flash hazards, arc flash risk assessment, arc flash labeling, and proper PPE.

HVAC Air Duct Leakage

This presentation covers the definitive requirements for establishing leakage limits for duct and duct system components. Learn how to outline procedures for testing ducts for conformity to the SMACNA HVAC Air Duct Leakage Standard and SMACNA HVAC System Air Leakage Standard, while informing designers and specifiers of the appropriate method to utilize in specifications to ensure compliance with SMACNA Standards and the Model Building Codes.

The National Green, Energy and Testing Agreement

Representatives from SMART and NEMIC will explain the purpose and value of the Agreement to capture market share and promote growth in the testing, adjusting and balancing, analysis, evaluation, validation, auditing, commissioning, and certification of building systems to meet energy efficient and green standards.

