



January 2023 Newsletter

President's Message:

Happy New Year Southern Piedmont Chapter! Welcome to the January 2023 SPASHRAE Newsletter! As you read through this newsletter you will see updates from all of our chairs as to what they have planned or are planning for the year.



I'd like to kick off the new year by giving you all some information as to how you can become more involved in ASHRAE. So, if your New Year's Resolution is to become more involved in ASHRAE, here's how you can! Committees are a great way for anyone to become more involved in ASHRAE. ASHRAE has three basic committees you can volunteer to be part of.

Technical Committees - As a technical committee member, you assist in planning programs for meetings, writing and reviewing Handbook chapters and assisting in developing research projects to improve equipment and system performance. ASHRAE has more than 200 committees addressing a range of built environment disciplines.

Standards Committees - As a standard project committee member, you help write the Society's standards and guidelines, which establish recommended design and operating practices embraced by the built environment community. ASHRAE currently publishes more than 100 standards and guidelines.

Standing Committees - ASHRAE has more than 30 standing committees, which aid in the operation of the ASHRAE activities at the Society level, such as development of educational courses, approval of research projects and planning of student activities. Volunteers who serve on standing committees must first be nominated.

You can find more information about ASHRAE Committees at ashrae.org under the Communities > Volunteer tab.

Chapter Officers, Board of Governors, Chair Members, RVC's and Sustaining Members	
Role	Name
President	Ben Coy Benjamin.coy@rmf.com
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Research Promotion (RP)	Erica Powell erica.powell@tranetechnologies.com
RP Co-Chair	Stephen Wren swren@gwceng.com
RP Co-Chair	Patrick Irick patrick.irick@tranetechnologies.com
CTTC Chair	Ryan Staton ryan.j.staton@jci.com
CTTC Co-Chair	Justin Hauser justin.hauser@carrier.com
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Sustaining Members	David Brown dbrown@unitedhvac.com

Membership Promotion (MP) – Mariana Haddad

Hello SPASHRAE Members!

Becoming a member of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) in North Carolina provides a variety of benefits to professionals in the HVAC&R industry.

- One of the main benefits is access to the latest research and information in the field. ASHRAE regularly publishes technical papers and journals, and members have access to a vast library of resources that can help



- them stay current on the latest advancements and best practices.
- Members can attend local chapter meetings, where they can network with other professionals and learn about new technologies, products, and services.
 - Affiliates get to register for one annual conference for free, where they can learn from industry experts, attend technical sessions, and visit exhibitors showcasing the latest products and services.
 - Another benefit of becoming an ASHRAE member in North Carolina is the opportunity to get involved in the organization's leadership and volunteer activities. Members can run for leadership positions within the local chapter and may also serve on committees or work on special projects. This allows members to gain leadership experience and make valuable connections in the industry, while also contributing to the advancement of the HVAC&R profession.
 - Additionally, ASHRAE members can participate in various training and certification programs, which can help them advance their careers and enhance their professional credibility.

If this sounds like a community you would like to be a part of click the following link to register: <https://www.ashrae.org/membership/join>

Research Promotion (RP) – Erica Powell

Hey SPASHRAE Chapter!

A few upcoming event updates for Spring 2023. We are planning on having an event for the Charlotte Checkers vs. Bridgeport game on March 8th at 7PM. This will be our first RP Promotional night of the year. We will be selling tickets that will all be located in the same block and we are extending the invitation to all members and families! Ticket prices and more information to come... **it will also be dollar beer night!**



We are in the process of securing a location for the Spring Golf tournament so stay tuned for more information about that!

The AHR Expo this year is being held in Atlanta from February 6th-8th. If you will be in attendance, please let me know. I'd love the chance to get to know more of our chapter members!

Email: Erica.Powell@tranetechnologies.com

Phone: (704) 397-8193

Chapter Technology Transfer Committee (CTTC) Chair – Ryan Staton

They say that all good things come to an end, and for SPASHRAE, this means hosting our meetings at Byron's Southend. We have been very privileged to have such a great venue over the years. But, with all endings, come new beginnings!



This month we held our first member's meeting at our new venue location, Lenny Boy Brewery! Andy Hayes spoke to our members about The Properties of Air. In our industry it's always helpful to be reminded of the basics. And Andy did a great job of this by giving a refresher on the Psychrometric Chart, humidity and William Carrier. Who turns out was a big fan of keeping beer cold! Very appropriate for our new venue location.

Be sure to join us for the February meeting where I will be giving a presentation on ASHRAE Guideline 36 – High Performance Sequences of Operation for HVAC Systems. If I don't see you there, I hope to see you at the AHR Expo in Atlanta Feb 4th – 8th.

Student Activities Chair – Don Gariepy

Student Activities is meeting with Engineering Students this month at different classes across UNCC. This is being kicked off by Tyler Tufts's conversation with the Dean of Mechanical Engineering, who asked us to please reach out to our students and let them know all ASHRAE has to offer.

Earlier this month, Dr. Weimin Wang (our Faculty Student Branch Advisor) invited us to speak to some of UNCC's Energy Management Students. Andy Hayes and I met with 90 students and spoke to them about the benefits of becoming ASHRAE student members. We also promoted the upcoming Career Fair for March 9th at the University's Cone Center. I am excited to see if we get an infusion of new student members and enough interest to form an ASHRAE Student Branch, an official student organization on campus!



I'd like to extend a special thanks and recognition to all BOG members who stepped up and volunteered to meet with Engineering classes this month! If you would like to help spread the word of ASHRAE to our local engineering students, please reach out to me.

Government Advocacy Committee (GAC) Chair – Billy Austin
Federal Building Performance Standard Issued – with Electrification Requirements

On December 7, the Administration announced its first-ever Federal Building Performance Standard, with a goal of cutting energy use and electrifying equipment and appliances in 30% of the building space owned by the Federal government by 2030. In its announcement, the White House explained that this Federal Building Performance Standard was one element of the Administration’s goal of achieving net-zero emissions in all Federal buildings by 2045. On a parallel track, the U.S. Department of Energy proposed rules to electrify new Federal buildings and Federal buildings undergoing major renovations. Under the proposal, federal buildings will be required, beginning in 2025, to reduce their on-site emissions associated with the energy consumption of the building by 90% relative to 2003 levels. The proposed standard will fully decarbonize the on-site emissions in new federal buildings and major renovations by 2030.



Young Engineers Association (YEA) – Patrick Irick
Happy New Year SPASHRAE!

Just as a reminder, ASHRAE is organizing the HVAC Design Training in Atlanta, Georgia on March 13-17, 2023. The training will be offered in two parts: Level I–Essentials on March 13-15 and Level II–Applications on March 16-17. Visit the HVAC Design Training webpage at www.ashrae.org/hvacdesign for more details on the value of this training.



This training is a great opportunity for anyone who is new in the industry and eager to get a jump start on learning the basics of HVAC design. It is also a great networking opportunity! People attend from all over the country, and even the world! You never know who you will meet and what connections you will make!

Chapter

Chapter Historian – Chuck Curlin

Brief History of Buensod-Stacey, Inc., and Its Connection to Two Former Chapter Presidents



Buensod-Stacey Inc. was formed in 1935 when the Carrier Corporation, merging with two other air conditioning firms, prepared to change its policy of custom engineering air contracting. It planned a program of merchandising of standardized equipment through a franchised dealer system. Eleven men, highly trained in custom engineering air contracting, left Carrier in a body in order to continue working in the field in which they considered themselves preeminent. They formed Buensod-Stacey Air Conditioning Inc. A. C. Buensod was the president.

The eleven men were:

A. C. Buensod	A. E. Stacey, Jr.	Milton S. Smith	Robert O. McGary
Harrison W. Marshall	Walter O. Hoffman	Robert W. Waterfill	Jerome C. Rose
Sam E. Lyman	William J. McDonald	John Wislowski	

When the eleven men left Carrier Corporation, they took offices in the Lincoln Building at 60 East 42nd Street, New York Center.

The infant company's first client was the Consolidated Cigar Corporation in 1936. S. H. Kress & Company was next in 1936 retaining Buensod-Stacey over the years of installations throughout the country east of the Mississippi.

Much of the Buensod-Stacey skill in custom air conditioning can be traced to its work in the exacting and tricky field of tobacco air conditioning. The company's president, Mr. Buensod, and Dr. Willis H. Carrier conducted all of the original research in the regain of moisture in tobacco.

In 1938 the Detroit Edison Company retained Buensod-Stacey on a supervisory fee basis to oversee the air conditioning of their new service building. This was the first dual duct system ever installed. A low velocity system required ducts of a size which made it impractical to install in most types of existing buildings.

World War II put an end to air conditioning work until 1946 when Buensod-Stacey installed the entire heating, ventilating and air conditioning system of the Esso Building in Rockefeller Center, New York City. It used the conventional or zone reheat system as selected by Rockefeller Center. Buensod-Stacey was given the opportunity to put an improved dual duct system into practical use in 1949 when the Liggett & Myers Tobacco Company selected the firm for the air conditioning of its Research Building in Durham N. C.

In 1950 the first high velocity Buensod-Stacey dual duct system was installed in the Board Room and Executive Offices of the Standard Oil Company of New Jersey at Rockefeller Center. Buensod-Stacey went on to Air Condition 24 floors or 40 % of the rentable office space using the dual duct system.

Charlotte Connection

A sales office with engineering and shop facilities was established in Charlotte, North Carolina, in 1944 as a result of an invitation to participate in the expansion program of the textile industry. The first client was Monaghan Milles, Greenville, South Carolina. The Charlotte Shop served the entire textile industry as well as the tobacco factories in the immediate area.

Further expansion occurred in 1952 with the opening of an office in Greenville, North Carolina, and another branch office and shop in Richmond, Virginia, in 1954.

Mr. Buensod was a member of American Society of Mechanical Engineers and the American Society of Heating and Air Conditioning Engineers.

On January 1, 1964, Mr. David Rickelton became sales manager of the Manufactured Products Department, with headquarters in Charlotte, North Carolina. See last month's article for more on Mr. Rickelton.

David Rickelton was the President of Southern Piedmont Chapter of ASHRAE in 1962 as well as Society President of ASHRAE in 1974.

On January 1, 1964, Mr. Paul Tuggle was transferred from the Contract Division of Buensod Stacey to the Dual Duct Products Division to assist David Rickelton with many details in connection with this department.

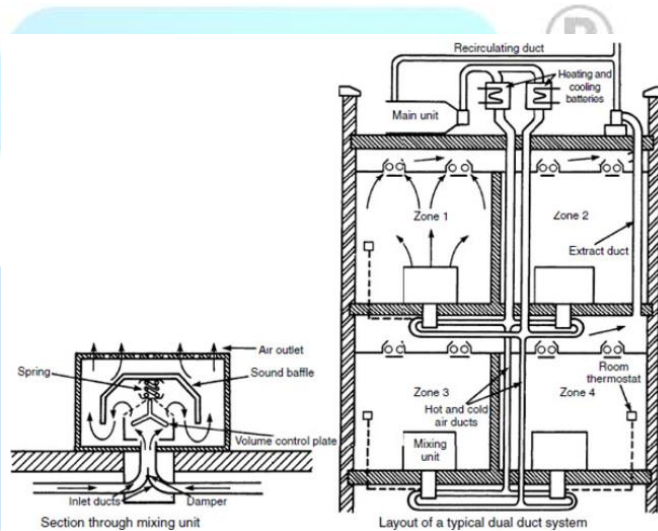
Paul Tuggle served as President of the Southern Piedmont Chapter of ASHRAE in 1974 and as Chapter Historian. He also served as Region IV History Chairman. Paul is still an active member of the chapter and attends monthly meetings.

Note – This article comes from the chapter archives. Former chapter historian Charlie Wooten (deceased) originally wrote the piece. It is presented here with a few edits and a diagram added. ...lest we forget...

I hope 2023 brings happiness and joy for you and your families. As always, thank you for the opportunity to serve as your Chapter President.

Sincerely,

Benjamin M. Coy





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