



Press Release

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Troy Thompson to Lead Testing and Balancing Services at WSP USA

Specializes in science & technology research and healthcare projects; provided medical facilities with critical space testing during COVID-19 pandemic.

COLUMBIA, Maryland, November 9, 2021 — Troy Thompson has been tapped to lead testing and balancing services, including critical space testing for healthcare facilities, within the Property and Buildings business at WSP USA, a leading engineering and professional services consultancy.

Testing and balancing service is the final quality assurance phase for construction of new heating-ventilation-air conditioning (HVAC) systems, the verification of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)-certified ventilation and air quality requirements, and the verification and demonstration of automatic temperature control systems.

Critical space testing is a highly specialized form of testing, balancing and commissioning in which the most critical areas of healthcare and science and technology facilities are tested for proper temperatures, humidity levels, air exchange rates and pressurization requirements. Areas such as operating rooms, protective isolation rooms, pharmacies, sterile processing, and other critical spaces are tested periodically to confirm they continue to maintain design conditions that meet the applicable codes and standards.

“Troy’s field-tested experience and leadership arrives at a time when our clients are acutely aware of the critical importance of having HVAC systems that create safer and healthier environments for building occupants,” said Herbert Els, WSP senior vice president and national director of specialty services for Property and Buildings.

“His elevated response throughout the COVID-19 pandemic, particularly with healthcare buildings, demonstrated his strengths and capabilities to provide systems that provide Future Ready™ performance right now,” added Fred Marr, WSP vice president, Property and Buildings.

Thompson joined the firm as an Associated Air Balance Council (AABC)-certified technician, providing him with industry standards for field measurement and documentation for HVAC systems. He uses comprehensive programs to identify and correct costly performance deficiencies before the project is closed out, providing clients with a smooth transition from construction to occupancy.

Last year, Thomson led WSP critical space testing teams at several healthcare facilities, including the [Meritus Medical Center’s regional infectious containment \(RIC\) unit](#) project, a 20-bed, 12,800-square-foot addition to the Hagerstown, Maryland facility that was delivered in four months to provide care for COVID-19 patients; Johns Hopkins Medicine’s Sibley Memorial Hospital, a 450,000-square-foot, 263-private-room tower designed by WSP that included a 30-bed floor that could be converted to a negative pressure unit; and critical space testing for WellSpan Health’s York Hospital in York, Pennsylvania and Johns Hopkins Health System’s Suburban Hospital in Bethesda, Maryland.

About WSP USA

WSP USA is the U.S. operating company of WSP, one of the world's leading engineering and professional services firms. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets.

With more than 12,000 employees in 200 offices across the U.S., we partner with our clients to help communities prosper. wsp.com

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