

Nate Sanders, CIH, LEED AP

Certified Industrial Hygienist

Education and Licensing

- Bachelor of Exercise Science, University of Georgia
- Certified Industrial Hygienist (CIH) - ABIH
- Leadership in Energy and Environmental Design Accredited Professional, LEED AP (US Green Building Council)
- Level I Thermographer Certification – Infrared Training Center
- Asbestos in Buildings: Air Sampling and Analysis (NIOSH 582 Equivalent)

Professional Training Courses and Seminars

- 2010: AIHce 2010: “Symposium: How IH can LEED in Green Building”, Denver, CO
- 2010: EDU+cast: “Advanced Building Envelope Solutions”, Atlanta, GA
- 2009: ASHRAE: “Clean, Lean, and Green: IAQ for Sustainable Buildings”, Atlanta, GA
- 2009: New Horizons: “Project Management fundamentals”, Atlanta, GA
- 2008: Carrier Complete Systems: “Air Side Energy Recovery”, Atlanta, GA
- 2007: Infrared Training Center: “Infrared Thermography Level 1”, Las Vegas, NV
- 2007: The University of Utah: “Comprehensive Review of Industrial Hygiene”, Salt Lake City, UT
- 2007: OSHA Training Institute: “OSHA Guide to Industrial Hygiene”, Eastern Michigan Worldwide
- 2004: NITON, LLC: “NITON XRF Spectrum Analyzer”, Atlanta, GA
- 2004: The Environmental Institute: “Asbestos in Buildings: The Management Plan”, Marietta, GA
- 2003: The Environmental Institute: “Mold Assessment and Remediation in Buildings”, Marietta, GA
- 2002: Georgia Institute of Technology: “Inspecting for Lead-Based Paint”, Atlanta, GA
- 2002: Georgia Institute of Technology: “Lead-Based Paint Risk Assessment”, Atlanta, GA
- 2002: The Environmental Institute: “Asbestos in Buildings: Inspection and Assessment”, Marietta, GA

Related Expertise

Professional Assignments

GCI Consultants, LLC: Construction consulting firm providing building envelope and indoor air quality / industrial hygiene consulting and project quality assurance services. Responsibilities include field inspections, field testing, forensic investigation and analysis, report writing and associated services related to issues that can affect the interior of new or existing commercial, healthcare, controlled, hospitality, and residential buildings (moisture, particle, microbial, allergen, and chemical). Additional duties involved project acquisition through business development and client service management.

IAQ Consulting Partners, LLC: Environmental consulting firm focused on contaminants that affect the interior of building projects. Responsibilities include direct and general oversight involvement

with the management of moisture during the building construction process. Specialty building IAQ evaluations, such as LEED EQ 3.2 or FEMA Baseline IAQ Testing, indoor building moisture mapping utilizing infrared technology, development and implementation of specialized building IAQ evaluations (particle, microbial, allergen, or chemical) in new and existing buildings, interpretation of data, final report development and presentation to the client. Additional duties involved project acquisition through business development and client service management.

Partial List of Publications, Seminars, and Presentations

Publications

- Gonsoulin, T.B. and Sanders, N. Fall 2008. Airborne Formaldehyde in FEMA Temporary Housing. IAQ Applications, Vol. 9, No. 4
- Sanders, N. June/July 2009. On the LEEDing Edge. The Synergist, Vol. 20, No. 6

Presentations

- N. Sanders, E. Stewart, M. Ling, B. Epstien, D. Won. 2009. "Specifying Sustainability: The IH Ingredient in the Green Building Recipe." AIHce2009, 01-05 June 2009 (Toronto, ON Canada)
- N. Sanders. 2009. "Chemicals & Coatings: Use, Mis-use, and Creation of Unintentional Problems." National Disaster Response Expo, 18 June 2009 (New Orleans, LA)
- N. Sanders. 2009. "The IH Ingredient in the Green Building Recipe." Greater St. Louis Health & Safety Conference, 15 October 2009 (ST. Louis, MO)
- E. Horner, R. Mosco, N. Sanders, M. Bishop. 2010. "Integrated Moisture Management Programs – Preventing Mold During Design, Construction and Occupancy: At What Cost?" American Society of Healthcare Engineers Annual Conference on Planning, Design and Construction, 14-17 March 2010 (San Diego, CA)
- E. Horner, N. Sanders. 2011. "Source Control and Accelerated Conditioning Reduce Formaldehyde to Below LEED Levels in New Modular Construction." IAQA 2011, 15-17 February 2011 (San Antonio, TX)
- N. Sanders, T. Worthan, S. Laughlin, A. McFry. 2011. "Solving FEMA's Temporary Housing Unit Formaldehyde Issues." Indoor Air 2011, 05-10 June 2011 (Austin, TX)
- N. Sanders. 2012. "The Anthropometrics of Green Buildings." AIHce2012, 16-21 June 2012 (Indianapolis, IN)
- N. Sanders. 2013. "The Language of an Expert." AIHce2013, 19-23 May 2013 (Montreal, QC, Canada)
- M. Sabo, N. Sanders, C. Howell. 2013. "Buildings need to Breathe! Methods for preserving dormant real estate value and indoor air quality" USGBC GA, 16 May 2013 (Atlanta, GA)
- N. Sanders. 2014 "Healthcare Construction: How's Your IAQ?" FHEA 2014, 24 Sept 2014 (Orlando, FL)
- N. Sanders, J. Koerner, T. Fuller, L. Brosseau. 2015. "PDC 305 - Preventing Worker Exposure to Ebola and Emerging Infectious Diseases." AIHce2015, 16 May 2015 (Salt Lake City, UT)
- E. Horner, N. Sanders. 2015 "Application of ISO 14644 as an Indoor Air Quality (IAQ) Metric." American Association for Aerosol Research, 12-16 Oct 2015 (Minneapolis, MN)

Memberships in Professional Organizations

- AIHA, Green Building Working Group, 2009 – Current, chair 2010
- AIHA, Indoor Environmental Quality Committee, 2007 – Current
- AIHA, Healthcare Working Group, 2010 – Current
- National Institute of Health, ES-15-018: Worker Training Program (WTP) Ebola Biosafety and Infectious Disease Response Training (UH4), 2015 – Current