

IAQ: Protecting It In Design and Checking It Before Move-In

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ABSTRACT

Advanced 'why' on the supporting role, value and limits of LEED pre-occupancy IAQ testing as part of LEED and the design-construction process. Practical lessons-learned.

The roundtable is a well-integrated presentation, which will cover the following topics:

- Building Materials – Priorities in specifying building materials, particularly interior finish materials, and what can go wrong. Case studies from the past five years in the industrial hygiene field.
- Construction IAQ Management Plan – Beyond the SMACNA guidelines.
- IAQ Sampling – The LEED 2009 and v4 IAQ protocols in context of industrial hygiene problem-solving.
- Laboratory Analysis – Analytical puzzles that arise from a meta-look at the data – probable causes of common air contaminants found in pre-occupancy sampling. Unexpected results which may arise from reformulated building products.

The roundtable explores these questions: Is the function of the LEED testing understood in the marketplace? Is there room for more advanced understanding?

BIOGRAPHY

The presenters are experienced practitioners from the American Industrial Hygiene Association's Indoor Environmental Quality Committee and Green Building Working Group and so share an ongoing commitment to professional advancement of indoor air/high performance buildings, which will be evident in their joint presentation. They will draw on White Papers and other technical work products of their committee and working group to support the collaborative fabric of the session.