Large Building Airtightness: Where We're At and Where We're Going

As part of increasingly stringent building energy requirements, mandatory airtightness testing of large buildings has now been implemented in some North American jurisdictions and is being considered for implementation in many others. This presentation looks at the current state of large building airtightness based on the results of over 500 tests. We will share lessons learned regarding the successful implementation of airtightness testing as part of the construction and commissioning process.

LEARNING OBJECTIVES:

- → Recognize the impact of increased airtightness performance requirements on building design, material selection, and construction.
- → Understand current North American building airtightness performance levels and levels achievable when testing is implemented.
- → Identify key challenges and considerations for airtightness testing procedures for large buildings.
- → Understand what airtightness, air leakage, and natural ventilation are, as well as the differences between them.

Presenter: Lorne Ricketts

Lorne Ricketts is a building science engineer at RDH Building Science, specializing in new construction, investigation, and research work. His research includes laboratory testing, field monitoring studies, product evaluation, hygrothermal and thermal modelling, and development of industry guidance documents.

Join us in person or live online!

REGISTER FOR IN-PERSON EVENT IN WATERLOO (JUNE 21, 5:30-7:30PM EDT):
labevents-large-building-airtightness.eventbrite.ca

REGISTER FOR LIVE WEBCAST (JUNE 21, 5:45-7:15PM EDT):
labevents-webcast-large-building-airtightness.eventbrite.ca

This presentation is part of RDH Building Science Laboratories' LAB (Learning About Building Science) Event series. Learn more at: http://learnbuildingscience.com/upcoming-lab-events/

RDH BUILDING SCIENCE LABORATORIES

RDH Building Science Laboratories
167 Lexington Court #5
Waterloo, ON N2J 4R9

Making Buildings Better