Ensuring Reliable Airtightness Measurements: Airtightness Tester Qualification Across Countries

Tuesday 16 June 2026

14:00-15:30 (Brussels, BE)

13:00-14:30 (London, UK)

8:00-9:30 (New York, USA)

21:00-22:30 (Tokyo, JP)

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The qualification of airtightness testers plays a key role in ensuring the reliability, consistency, and credibility of building airtightness measurements, which are essential for energy performance assessment, indoor environmental quality, and compliance with building regulations. Over the past decades, several countries and professional organizations have developed qualification and certification schemes for airtightness testers in order to improve measurement quality and increase confidence in reported results.

In some countries, qualification schemes are closely linked to regulatory requirements and mandatory testing procedures. In France, for example, the implementation of building energy regulations has been accompanied by approved qualification schemes for testers, certification procedures, and national databases collecting airtightness test results to support quality control and statistical analysis.

In other contexts, qualification schemes are developed and managed by professional associations. Examples include ATTMA (Air Tightness Testing & Measurement Association) in the United Kingdom and ABAA (Air Barrier Association of America) in the U.S., which promote technical competence, harmonized practices, and third-party quality assurance. These qualification frameworks are also used and referenced internationally.

This webinar will present and compare these different approaches to the qualification of airtightness testers.

This webinar is organised by the AIVC (www.aivc.org) and TightVent. The event is facilitated by INIVE.

Programme (Brussels time)

- 14:00 | Introduction on the qualification of airtightness testers across 16 countries, Nolwenn Hurel (Cerema, France)
- 14:05 | Qualification Process for Air Tightness Testers in the UK, Paul Carling (BCTA, UK)
- 14:20 | Q & A
- 14:30 | Qualification of airtightness testers in the USA – The ABAA experience, Laverne Dalgleish (ABAA, USA)
- 14:45 | Q & A
- 14:55 | Qualification of airtightness testers in France - Feedback after 15 years, Valérie Leprince (Cerema, France)
- 15:10 | Q & A
- 15:30 | End of webinar

AIVC TightVent Europe BUILDING AND DUCTWORK AIRTIGHTNESS PLATFORM EBC Energy in Buildings and Communities Programme INIVE

Cost and registration

Participation to the webinar is free but requires you to register for the event. The webinar will be limited to a maximum of 1000 persons. To register, please click on the “Register now” button above.

What is a webinar?

A webinar is a conference broadcasted on internet. To follow a webinar you must have a computer with a sound card and speakers or headphones. Once logged in the "webinar room", you will be able to see the slides of the presentation and to hear the panellists’ comments. You will also be able to ask written questions to the speakers, and to answer on-line surveys.

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About AIVC

Created in 1979, the Air Infiltration and Ventilation Centre is one of the projects/annexes running under the International Energy Agency's Energy in Buildings and Communities (IEA-EBC) Programme. With the support of its member countries as well as key experts and various associations (REHVA, IBPSA, ISIAQ), the AIVC offers industry and research organisations technical support aimed at better understanding the ventilation challenges and optimizing energy efficient ventilation.
The AIVC activities are supported by the following countries: Australia, Belgium, Canada, Denmark, France, Greece, Italy, Ireland, Japan, Netherlands, New Zealand, Norway, Republic of Korea, Spain, UK and USA.

About TightVent

TightVent aims at facilitating exchanges and progress on building and ductwork airtightness issues, including the organisation of conferences and workshops. It fosters experience sharing as well as knowledge production and dissemination on practical issues such as specifications, design, execution, control, etc., taking advantage of the lessons learnt from pioneering work while keeping in mind the need for adequate ventilation.
TightVent has been initiated by INIVE (International Network for Information on Ventilation and Energy Performance) with at present the financial and/or technical support of the following partners: Lindab, Retrotec, Acin Instrumenten, BCCA, BlowerDoor GmbH, Build Test Solutions, dooApp, Eurima, Gonal, SIGA, Asociace Blower Door CZ and BPIE.

About INIVE

The International Network for Information on Ventilation and Energy Performance (INIVE) was created in 2001 to establish a worldwide network of excellence for knowledge gathering and dissemination. Its current member organisations are Buildwise, Cerema, CETIAT, Ghent University, IBP-Fraunhofer and KU Leuven.
The organisation coordinates and/or facilitates various international projects, including AIVC, TightVent, venticool and Dynastee. It also operates the EBC Executive Committee Support and Services Unit (ESSU), on behalf of the Executive Committee of the Energy in Buildings and Communities (EBC) Technology Collaboration Pro-gramme (TCP) of the International Energy Agency (IEA). In addition, INIVE has coordinated the ASIEPI project dealing with the evaluation of the implementation and impact of the EU Energy Performance of Buildings Directive, the QUALICHeCK project aiming towards improved compliance and quality of the works for better performing buildings, BUILD UP — the European portal on Energy Efficiency — and the EPBD feasibility study 19a.