

## Ductwork airtightness measurements: protocols

**Thursday 25 April 2019**

10:00-11:30 (Brussels, BE)

09:00-10:30 (London, UK)

11:00-12:30 (Athens, GR)

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**Registration is required:** A link to join the webinar will be included in the email confirmation

Various studies have shown that ductwork leakage has a major impact on energy use (i.e. increased fan energy use, heating & cooling losses etc.). However, in most European countries, it is not common to perform ductwork airtightness tests, which is probably due to the lack of awareness on the consequences of ductwork leakage. As follows, ductwork airtightness is not properly taken into account in most Energy Performance Regulations and Calculations.

The protocol to perform ductwork airtightness tests is also an issue for stakeholders who want to promote ductwork airtightness in a regulatory context. Various European standards deal with ductwork airtightness but none of them fully describes the protocol to perform the test. As a result, some countries have developed their own protocols.

The objective of this webinar is to present existing European standards & protocols for ductwork airtightness tests and compare the different approaches.

This webinar is organised with the support of TightVent Europe ([www.tightvent.eu](http://www.tightvent.eu)) and AIVC ([www.aivc.org](http://www.aivc.org)). Both initiatives are facilitated by INIVE ([www.inive.org](http://www.inive.org)).

### Programme (Brussels time)

10:00 **ON SITE DUCTWORK AIRTIGHTNESS TESTS IN STANDARDIZATION (REVISION OF EN 12599)**  
Frank Bitter, Convenor of CEN/TC156 WG8, WSPLab, Germany

10:15 **Questions and answers**

10:20 **DUCTWORK AIRTIGHTNESS TESTS IN FRANCE: THE FD 51-767**  
Laurent Bonnière, Air-efficiency, France

10:35 **Questions and answers**

10:40 **DUCTWORK AIRTIGHTNESS TESTS IN UK: THE DW 143**  
Peter Rogers, Chairman of BESA ventilation group technical committee, UK

10:55 **Questions and answers**

11:00 **DUCTWORK AIRTIGHTNESS TESTS IN SWEDEN: AMA VVS & Kyl**  
Erik Osterlund, Chairman of the national Swedish standardization committee for ventilation, Sweden

11:15 **Questions and answers**

11:30 **End of the webinar**



### **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 200 persons. To register, please click on the “Register now” button above or visit [inive.webex.com](http://inive.webex.com).

### **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 "conference 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.

### **Hardware, software**

Our webinars are powered by WebEx Event Center. The only thing you need is a computer with a sound card and speakers. Before you can log in the "conference room", WebEx will install the required application. If you are not a WebEx user, please visit [www.webex.com/login/join-meeting-tips](http://www.webex.com/login/join-meeting-tips) to check the system requirements and join a test meeting. Please also join the event at least 15 minutes in advance.

### **About TightVent**

TightVent Europe ([www.tightvent.eu](http://www.tightvent.eu)) 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 Europe has been initiated by INIVE EEIG (International Network for Information on Ventilation and Energy Performance) with at present the financial and/or technical support of the following partners: Buildings Performance Institute Europe, BlowerDoor GmbH, Eurima, Gonal Industrias, Lindab, Mez-Technik, Retrotec, SIGA, and Soudal.

### **About AIVC**

Created in 1979, the Air Infiltration and Ventilation Centre ([www.aivc.org](http://www.aivc.org)) is one of the projects/annexes running under the Energy Conservation in Buildings and Community Systems implementing agreement, within the context of the International Energy Agency. With the support of its member countries as well as key experts and two associations (REHVA, IBPSA, ISIAQ), the AIVC offers industry and research organisations technical support aimed at better understanding the ventilation challenges and optimising energy efficient ventilation.

The AIVC activities are supported by the following countries: Australia, Belgium, China, Denmark, France, Greece, Italy, Ireland Japan, Netherlands, New Zealand, Norway, Republic of Korea, Spain, Sweden, UK and USA.

### **About INIVE**

INIVE EEIG (International Network for Information on Ventilation and Energy Performance) was created in 2001 as a so-called European Economic Interest Grouping. The main reason for founding INIVE was to set up a worldwide acting network of excellence in knowledge gathering and dissemination. At present, INIVE has 10 member organisations (BBRI, CETIAT, CSTB, eERG, IBP-Fraunhofer, SINTEF, NKUA, TMT US and TNO) ([www.inive.org](http://www.inive.org))

INIVE is coordinating and/or facilitating various international projects, e.g. AIVC ([www.aivc.org](http://www.aivc.org)), TightVent Europe ([www.tightvent.eu](http://www.tightvent.eu)), venticool and Dynastee ([www.dynastee.info](http://www.dynastee.info)) and the EPBD feasibility study 19a (<https://www.epbd19a.eu/>). INIVE has also 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 as well as BUILD UP the European portal on Energy Efficiency.