

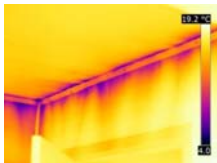
Qualification of airtightness testers



SP Technical Research Institute of Sweden



A tester certified in airtightness measurement



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Course in airtightness measurement and ByggaL (Quality Assurance)

The course is aimed at those who carry out airtightness measurements of the building envelope according to SS EN 13829, and that they will show to their employers that they have the competence to perform this testing in a correct and accurate manner.

The course also provides an understanding of how to execute the work required for good airtightness using ByggaL (method for constructing airtight buildings) during the different stages of the building process.

Scope of course: 2 theoretical study days + one half day for practical testing

Responsible for the course: SP

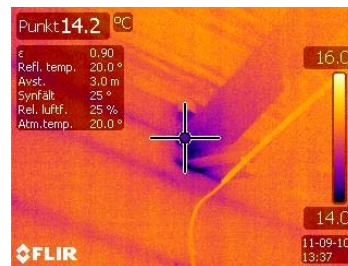


Course Aim

- To master the following:
 - Airtightness measurement according to SS EN 13829
 - Searching for air leakage
 - Report writing according to SS EN 13829
- To obtain an understanding of how, using ByggaL, one is able to work towards a good construction airtightness during the different phases of the building process.



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Examples of assignments and work information

People who have a particular competence and experience in the field of airtightness measurement can:

- Carry out and give an account of airtightness measurements according to SS EN 13829.
- Carry out airtightness measurements and search for air leakage at an early stage of the building process and plan accordingly

In certain case, depending on experience, a person may:

- Give support and advice to different operators in the building process to obtain an airtight building

Responsibility:

- Correctly executed testing and reporting of results
- Regarding other commitments such as advice and support in reaching an airtight building, this depends on the responsible person's agreement with the client



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Content I

- Theory on air movements (pressure, air flow etc.)
- Consequences by air leakage and air movements (energy, moisture safety, indoor air quality etc.)
- Rules, regulations and certifications of buildings, doors and windows
- Qualification of air tightness testers- responsibilities
- Airtightness measurements according to SS EN 13829
 - Standard
 - Equipment
 - Procedure
 - Measurement accuracy
 - Calculation of surfaces
 - Sectioning a measurement (building, apartment, component)
 - Back pressure



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Content II

- Using the building's ventilation system
- Air leakage search
 - Procedure
 - Where are the leakages?
- How to build air tight
 - Principles, durability and products
- Checklists for design and production
- Group exercises on reviewing drawings



Ends with

- Theoretical test
- Practical test on airtightness measurements and air leakage search



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Today, 16 testers are certified in airtightness measurement

www.bygggal.se

Lufttåta byggnader

Vårlo Lufttätt? Bygga. Diplomerad Lufttätetsprovare. Allt läsa mer. Om webbplatsen.

Start | Diplomerad Lufttätetsprovare | Utbildade Lufttätetsprovare

Diplomerad lufttätetsprovare

Utbildade lufttätetsprovare

En Diplomerad Lufttätetsprovare har grundläggande kunskap för att kunna genomföra lufttätetsprovningar av byggnadskval enligt SS EN 13829.

En Diplomerad Lufttätetsprovare har också under utbildningen erhållit generell kunskap om hur man i byggprocessens olika skeden kan arbeta för god lufttätethet där utgångspunkten är Bygga - Metoden för byggande av lufttåta byggnader. Utbildningen omfattar två kursdagar samt en halvdag med praktiskt prov med egen utrustning.

Utbildningsmål:

- Varför skall man bygga lufttätt?
- Rollen som Diplomerad Lufttätetsprovare
- Lufttätetsprovning
- Var sker lufttäckningen?
- Hur bygger man lufttätt?
- Bygga.
- Riktlinjer för utrustning
- Praktisk genomgång av lufttätetsprovning och lufttäckningsökning
- Teoretiskt prov
- Praktiskt prov

Nästan samtliga parter har genomfört utbildningen "Diplomerad Lufttätetsprovare" med godkänt teoretiskt och praktiskt prov.

Navn	Företag	Ort
Theresa Tjernström	Skanska Sverige AB	Ängelås
Daniël Gustafsson	Skanska Sverige AB	Borås
Magnus Hansén	SP Sveriges Tekniska Forskningsinstitut AB	Borås
Anders Jansson	SP Sveriges Tekniska Forskningsinstitut AB	Falun
Linus Björnsund	Conservator AB	Kalmar
Daniel Andersson	WSP Sverige AB	Malmö
Pauline Strandberg	WSP Environmental	Malmö
Erik Olofsson Augustsson	Dewco Systems AB	Norrköping
Martin Kivimäki	Dyvel AB	Stockholm
Håkan Nygård	CondoConsult AB	Stockholm
Björn Wuolijanen	CondoConsult AB	Stockholm
Lars Hammarborg	CondoConsult AB	Stockholm
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Håkan Andersson	Bygg o Måttetoder i Hanökan AB	Trollhättan
Kersti Malmgren	Bygg o Måttetoder i Hanökan AB	Trebo
Andreas Aronsson	K.Aronsson Byggnads AB	Vetlanda



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LUFTTÄTT Bygggal

Method for the construction of airtight buildings



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