

Measurement, regulation, control and automation technology in the fields of heating, ventilation and air-conditioning technology

A few keywords about my field of activity:



Measurement

Measurement technology deals with devices and methods for determining the physical variables in heating, ventilation and air-conditioning systems



Regulation technology

The regulation system includes a plan according to which the variables in heating, ventilation and air conditioning systems are influenced.



Control technology

A controller is used to bring one or more specified physical variables to a desired value and to keep them there.



Automation technology

Measurement technology, in conjunction with regulation and control technology, is a fundamental prerequisite for automation technology.

Preparation of expert opinions

The focus of my expert opinions is the factual, professional and neutral compliance with the court order for evidence.

With detailed descriptions, calculations and conclusions, my expert opinions are also comprehensible and easy to understand for technical laypersons.

Contents of the expert opinion

Functionality check

My expert opinion analyses the technical functions that are carried out and compares them with the functions specified and tendered by the client.



Examination of the scope of services

The service actually rendered is compared and evaluated in my expert opinion with the contractually agreed service.



Damage regulation

My appraisal clearly and concisely breaks down all relevant costs for the restoration so that a correct damage settlement can be made.



DIN EN ISO/IEC 17024

Certification on the basis of DIN EN ISO/IEC 17024 is currently the highest qualification and recognition for independent experts. By commissioning a certified expert according to DIN EN ISO/IEC 17024, the client has the guarantee that the expert's competences and skills are always up to date.

Dr. Dieter Pfannstiel has been a certified expert according to DIN EN ISO/IEC 17024 for measurement, regulation, control and automation technology since 2013.





Vita of Dr. Dieter Pfannstiel

Studied electrical engineering at the Technical University of Darmstadt with a focus on control and automation technology

until 1991 Scientific research assistant at the Institute for Control Engineering at the Technical University of Darmstadt under Prof. Dr.-Ing. R. Isermann, doctorate to Dr.-Ing.

until 1997 Head of department in research and development at the Viessmann Werke, Allendorf / Eder

since 1997 Self-employed and owner of the DiWiTech engineering practice

since 2013 According DIN EN ISO / IEC 17024 certified technical expert for measurement, regulation, control and automation technology

DiWiTech – Expert office
Dr.-Ing. Dieter Pfannstiel
Am Guten Strauch 4
D-36287 Breitenbach a. H.

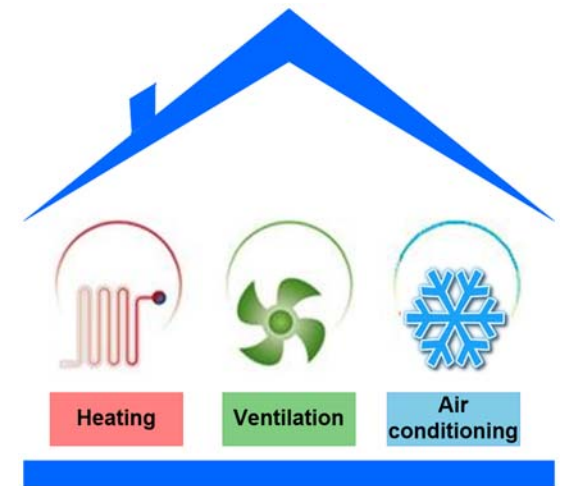
Phone: +49 (0) 6675 - 918851
Fax: +49 (0) 6675 - 918853
Mobil: +49 (0) 172 - 5656348
E-Mail: SVB@DiWiTech-Pfannstiel.de
Web: www.DiWiTech-Pfannstiel.de



DiWiTech – Expert office
Dr. Dieter Pfannstiel
Certified technical expert
according DIN EN ISO/IEC 17024

Expert opinions for Measurement, regulation, control and automation technology

in the areas of heating, ventilation
and air conditioning technology,
home and building automation



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