

DiWiTech – Dr. Dieter Pfannstiel

Expert opinions for measurement, regulation, control and automation technology in the areas of heating, ventilation, air-conditioning, home and building automation



Dr. Dieter Pfannstiel



Vita:

Date of birth: 11.11.1960.

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

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.

Department manager in the area of research and development at Viessmann Werke in Allendorf.

Since 1997 self-employed and owner of the DiWiTech management consultancy for technical scientific and economic solutions.

Since 2013 BDSF-certified and according to DIN EN ISO / IEC 17024 certified technical expert for measurement, regulation, control and automation technology.

Competence:

Broad industry-specific know-how in electrical engineering, electromechanics, electronics, measurement, regulation, control and automation technology as well as in home and building automation.

Assessment of devices and systems in measurement, regulation, control and automation technology as well as complex systems in home and building automation.

Assessment of device hardware and software in the private and industrial sector.

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Technical expert office

Technical expert activity



Frequently, defects occur in the operating phase just after the warranty period has expired. The responsibilities for the defect or about the person or persons causing the damage often cannot be determined easily.

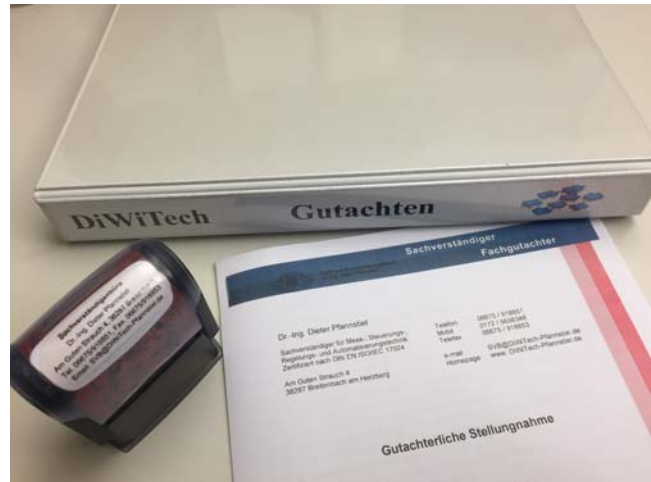
Dr. Dieter Pfannstiel is a BDSF-certified and according to DIN EN ISO / IEC 17024 certified technical expert for measurement, control and automation technology. He assesses the technical systems with regard to the fulfilment of the professional, functional and tendered performance as well as the contractually assured performance between client and builder or buyer and seller.

Focus of activity

Determination of the cause, extent and amount of the damages.

Creation of technical expert reports on defects, value, services rendered and on special questions.

Expert opinion



Creation of expert opinions:

- Court technical report
- Private technical report
- Technical expert report
- Arbitrator's report

Creation of expert opinions for:

- Courts
- Insurances
- Companies
- Private clients

For erected plants:

- Technical expertise / statement before expiry of the warranty periods
- Damage assessment
- Determination of defects / faults
- Determination of repair costs
- Obtaining offers

Preservation of evidence



What is a procedure for the preservation of evidence?

Documentation for the preservation of evidence serves to record the condition before the start of work, including existing damage or defects as well as damage or defects arising from or expected to arise from the execution of the measure.

A procedure for the preservation of evidence thus documents the current condition in the form of an expert report. Should the condition subsequently change, evidence of the condition at the time of the preservation of evidence is recorded.

Expert opinion on the preservation of evidence

You need an expert opinion for the preservation of evidence:

- If you need to prove that a machine or plant has defects
- If you want to prove the current condition of the machine or plant because the structural condition of the machine or plant is to be changed

Commissioning

However, an expert opinion on the preservation of evidence can also be commissioned in the context of judicial proceedings.

Performance audit



Why do you need a performance audit?

In many areas, an independent and objective assessment of facilities and facts is often necessary:

- Contractual differences of opinion due to poor performance of services.
- Review of a service for professional, functional and tender-compliant execution.

Recording of the actual state:

The actual state is recorded by the technical expert, compared and evaluated with the contractual service provision or with the tender.

Result of the performance audit:

The result of the performance audit serves as the basis for the further decision-making process.

Damage regulation



Damage regulation

For the settlement of claims,

- first the actual state is recorded as a basis,
- subsequently the cause of the damage must be determined and
- finally, the cost of restoration and any further measures should be determined.

Expert opinion on the settlement of claims

The technical expertise gives a clear and concise overview of all relevant points so that a correct damage regulation can take place.

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