



BOSCH

Invented for life

Specialist seminar boiler water

www.bosch-industrial.com

Practical and
tailored to your
boiler system



Operating faults or even damage to a steam boiler system are often caused by insufficient water quality. This results from incorrect water treatment, insufficient water analysis and/or inadequate monitoring of water quality.

Besides automated machinery and safety equipment, it is vital to have operating staff who are well trained and highly aware of hydrochemical factors to ensure the long-term operation of any system.

Training on site

Our water training courses, held on your premises, are a fast, affordable and officially documented way of training your operating staff:

- ▶ At your premises – no travel costs or travel time for your employees
- ▶ Directly at your boiler system – making direct reference to the processes and the technology installed
- ▶ Hear it from the water experts first-hand – our service professionals boast extensive experience



- ▶ A personalised certificate for your specific system and its components
- ▶ Workplace-related training of operating staff in handling chemicals in the area of boiler water in accordance with the German Ordinance on Hazardous Substances (GefStoffV Section 14)
- ▶ Suitable for up to eight people at once – the entire operating team can be trained over the course of a single event
- ▶ Duration: Two days
- ▶ Alternative option to on-site training: Attend a water seminar at the training premises of Bosch Industriekessel, with factory tour included

Safe and efficient operation

Safety and efficiency go hand in hand when it comes to operating boiler systems. What's more, carefully considered operation helps to extend the lifetime of the system and its components. For example, this means setting the water quality and general parameters for operation with care and precision can not only increase system availability but also reduce fuel demand at the same time.

Bosch water seminar

Effective, tailored, practical

The water seminar at your plant or at the Bosch Industriekessel factory normally lasts two days.

Example course structure:

- 1/2 day Dissemination of basic principles relating to hydrochemistry
- 1/2 day Explanation of water treatment in the context of the water quality guideline
- 1/2 day Water analysis performed by the participants, supervised by the trainer
- 1/2 day Overview of chemical conditioning, electronic monitoring of the water quality and malfunctions in boiler operation

Number of participants:

- ▶ Up to a maximum of eight people

Costs:

- ▶ Closed group seminar at the Bosch factory in Gunzenhausen/Bischofshofen: Flat rate of €3,420 per seminar and group (dates flexible on request)
- ▶ Open group seminar at the Bosch factory in Gunzenhausen: €750 per participant (costs of travel and accommodation are borne by the participants). Enquiries regarding fixed dates can be sent to: water-chemistry@bosch-industrial.com
- ▶ The training package includes training documents and certificates for participants, as well as the trainer's travel expenses within Germany and Austria
- ▶ Costs for training groups abroad are €3,420 plus the trainer's travel expenses from Germany

Costs for trainings abroad available on request:
water-chemistry@bosch-industrial.com

Contents of the training

- ▶ Boiler damage caused by insufficient water quality
- ▶ Raising awareness of the importance of water quality
- ▶ Dissemination of fundamental knowledge relating to hydrochemistry
- ▶ Damaging or disruptive reactions of waterborne substances
- ▶ The cycle of water in boiler systems
- ▶ Explanation of the individual components for water treatment
- ▶ Water quality guideline B002
- ▶ Training in usage and interpretation of operating log
- ▶ Training in practical skills for water analysis
- ▶ Overview of dosing chemicals
- ▶ Training in handling chemicals and hazardous substances (as per GefStoffV) in the area of boiler water
- ▶ Reducing incorrect dosing and damage
- ▶ Practical tips for dealing with faults in boiler operation
- ▶ Presentation of the electronic monitoring system for water quality

The on-site training course also takes into account the particulars of your specific system. The practical training on your specific system ensures your operating staff gain the maximum benefit for their everyday tasks.

Your contact

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maximum charge from mobile networks €0.42 per minute
** max. €0.10 per minute from a landline within Austria
Costs for calls from mobile networks and international calls may vary