

**2019 Seminars** 

for industrial gas users and planning engineers

**ECLIPSE**°





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# Gain competitive advantage by expanding your knowledge!

Industrial gas specialists and users have long been aware of the fact that only those who consistently improve their skills and keep their knowledge up-to-date can work in a safe and professional manner.

In our seminars, our experts from the fields of development and product management teach you how to install and operate industrial thermoprocessing equipment safely.

Our practical seminar entitled "Industrial gas utilization – Commissioning and maintenance" focuses on practical exercises and the tasks which are required for the commissioning and maintenance of industrial furnaces.

The aims which we help you to achieve through this include safety, climate protection and the economical use of thermoprocessing equipment. Modern, industrystrength communications technologies and software applications, such as those used in our control units and actuators, help you to monitor systems and obtain optimum settings.

You will also receive a certificate when you attend one of our seminars to prove that advanced training is just as important to you as it is to us. In attending a seminar, you are complying with the requirement for regular further training, as stipulated by the DVGW and in the laws on industrial safety.

Our website also provides information about special courses that we regularly offer on specific and current topics in the field of gas utilization.

We look forward to seeing you at our seminar centres in Osnabrück and Vilvoorde.



# Seminar venues and course agenda

# Lotte near Osnabrück

Elster GmbH Strotheweg 1, 49504 Lotte (Büren) Germany

You will find important information on how to find us on page 24 (How to get to Lotte near Osnabrück)

# Vilvoorde

Honeywell Thermal Solutions Maxon International BVBA. Luchthavenlaan 16, 1800 Vilvoorde Belgium

ocuthek You will find important information on how to find us on page 26 (How to get to Vilvoorde).

neywell

Organization Elster GmbH Abteilung Kundenschulung (Customer Training Department) Postfach (P.O. Box) 2809 D-49018 Osnabrück T+49(0)541 1214-295 hts.seminar@honeywell.com

> The lectures of the seminars will be given by our product specialists

# **Scope and fees**

## Scope

The following are included in the seminar fee:

- Extensive documentation on the lectures
- The opportunity to have a plant tour

## Refreshments

Drinks, snacks and lunch are included in the course fee.

However, these are not included in the case of seminars on the users' premises.

## Travel and accommodation

Travel and accommodation are not included in the course fee.

You will find information about accommodation in the lists of hotels on pages 25 (Hotels in Osnabrück) and 27 (Hotels in Vilvoorde) as well as descriptions of how to find us on pages 24 (How to get to Lotte near Osnabrück) and 26 (How to get to Vilvoorde)

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#### Seminar conclusion

Each participant will receive a certificate of attendance at the end of the seminar.

Course fee e (+ VAT) will be billed after he seminar.

# **Individual seminars**

# Seminars on the users' premises

Technical seminars *on site* are sometimes a possible alternative. However, practical exercises are somewhat restricted owing to the limited number of exercise models.

# Contents

The topics covered in the "*Practical seminar on industrial gas utilization – Commissioning and maintenance*" can be coordinated with the specific needs of the customer.

The participants will be provided with documentation in line with the content of the seminar.

## Fees

We would be very pleased to tailor course contents to meet your needs. Please do not hesitate to contact us for a personalized quotation.

# Seminars in English

In addition, seminars in English are available, comprising the products and applications from the "*Practical seminar on industrial gas utilization – Commissioning and maintenance*". They also cover the practical exercises.

Standards and regulations are discussed in adapted form.

For seminars in other languages, please contact our agent in the country concerned.

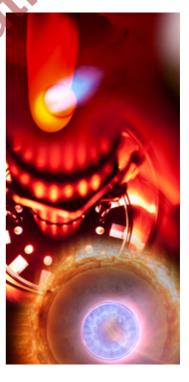
#### Groups of participants

Ideally, the number of participants should be between 8 and 15 people.

Dates Page 28 (2019 year planner)

#### Contact

If you are interested, please contacts Elster (GmbH Abteilung Kundenschulung (Customer Training Department) Postfach (P.O. Box) 2809 D-49018 Osnabrück T ±/19 (0)541 1214-295 <u>hts.seminar@honeywell.com</u>



# Registration

Applications for registration will be processed in the order in which they are received.

The exercises will partly take place in small groups which means that the number of participants is limited.

We therefore advise you to make your reservation with us as early as possible. Experience has shown that the best time to apply successfully for your desired date is immediately after this brochure has been published.

If overnight accommodation is required, we ask you to book this for yourself, see pages 25 (Hotels in Osnabrück) and 27 (Hotels in Vilvoorde). On request, some hotels will charge you the stated cheaper price, if you refer to your participation in a Honeywell seminar.

## Seminar registration

Register online at the following address: www.kromschroeder.de/en/courses Participants may cancel their registration two weeks before the start of the seminar at the latest. If participants are unable to attend, it would be desirable if colleagues could stand in for them, since unfortunately we must invoice a processing flat rate in the amount of the full course fee in the case of short-term cancellation or absence. In the case of a change of participants, please give the name of the person who is unable to attend and the name of the person who is standing in for them. Dates Page 28 (2019 year planner)

Cancelling and rebooking

To cancel or rebook a course, please

+49 (0)541 1214-295



## Seminar 1

# Practical seminar: "Industrial gas utilization – Commissioning and maintenance"

## Seminar aim

Comprehensive knowledge of the functions and technology of valves, burners, and electronic safety and protective systems is required to carry out commissioning and maintenance of gas equipment on industrial thermoprocessing systems. The gas-related components of an industrial furnace – from the manual valve of the gas inlet section to the burner – along with how they interact are explained via practical exercises and talks. You learn how to plan and carry out commissioning and maintenance in an independent manner, whereby we also teach you about the legal requirements for working on gas systems.

## Contents

#### Theory

- Fundamentals of gas quality and the use of fuel gases
- Design and functions of gas-related components of an industrial furnace pursuant to current standards (DIN EN 746-2) and regulations
  - Types, function and design of valves, pressure switches and tightness controls
- Working principles of gas pressure regulators and safety devices
- Ignition and monitoring of gas burners on industrial furnaces
- Flame control using flame rods and UV sensors
- Setting and capacity control of industrial gas burners with air/gas ratio control
- Gas requirements for work on gas systems on factory sites

Seminar language German and English Seminar venue Lotte (Büren)

**Duration and times** 4 days rting on the first day at 9.00 am

and finishing on the last day at 2:00 pm

#### Notes

Clothing adapted to the weather conditions is required as some of the practical exercises take place outside. You will also need safety footwear and suitable safety glasses.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).



#### Seminar fee

€ 2,090 per person plus VAT

**Dates** Page 28 (2019 year planner)

#### Seminar registration

Register online at the following address: www.kromschroeder.de/en/ courses.

#### Practice

- Filter maintenance in gas inlet sections and selection of spare parts
- Installation, checking and adjusting of gas pressure regulators and safety shut-off valves (gas pressure regulators, SSV and RV)
- Repair and replacement of gas valves; tightness test procedure
- Exercise on burner simulator: assembly, commissioning and adjustment of a nozzle-mixing high-velocity burner (BIC)
- Programming, operation and remedying of faults on burner control units and protective furnace systems
- Use of Honeywell Kromschröder software solutions for documentation, product identification and ordering of spare parts

### Target group

Service staff from the repair or measuring, regulating and control technology departments who carry out commissioning or maintenance work on gas-related components of an industrial furnace or will have to do so in the future.

Taking part in the seminar allows staff to prove they are participating in regular further training pursuant to the German Ordinance on Industrial Safety and Health for experienced specialists and provides young professionals with the basic knowledge required for practical work on gas systems using Honeywell Kromschröder products.

# Advanced course: "Gas burners for air heating and low temperature applications"

## Seminar aim

Gas burners for air heating and other low temperature applications (up to 750°C) are used for industrial drying and air treatment in the building material, paper or foodstuffs industries. Certain special characteristics are to be observed as regards design, monitoring and maintenance. Basic functions are explained to users and maintenance personnel in this seminar and they are given maintenance instructions which ensure the efficient, safe operation of these systems.

## Contents

- Fundamentals of combustion, air heating and low temperature applications
- Monitoring and checking emissions (CO, CO<sub>2</sub>, NO<sub>x</sub>)
- Influence of moisture on furnace atmospheres and heat distribution
- Types of air heating and burner types (surface burners, forced draught burners, etc.)
- Safety devices and burner operation
- Important parameters for design and function monitoring
- Practical exercises on air heating burners (AirHeat, RatioMatic, RatioAir, Linnox, NP, Ovenpak, APX, M-Pakt, etc.)

Seminar language English and French Seminar venue Vilvoorde

Duration and times

2.5 days, starting on Tuesday at 9:00 am and finishing on Thursday at 2:00 pm

#### Note

Clothing adapted to the weather conditions is required as some of the practical exercises take place outside. You will also need safety footwear and suitable safety glasses.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 27 (Hotels in Vilvoorde) and a description of how to find us on page 26 (How to get to Vilvoorde).

#### Seminar fee

€ 1,495 per person plus VAT Price includes all learning materials and seminar documentation as well as refreshments.

A meal at a restaurant with the other seminar participants on Tuesday evening is also included.

#### Dates

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#### Seminar registration

When registering for the seminar, please specify the type designation (e.g. AirHeat, Ovenpak,...) of the burners you use. Register online at the following address: www.kromschroeder.de/en/ courses.

#### Target group

Users and service staff who are responsible for the servicing and maintenance of gas burners for air heating and other low temperature applications. Important principles for operation and maintenance are taught. Trained personnel and staff of technical departments who are responsible for system safety and availability receive information on the functioning of gas burners and are provided with further important advice.

## Requirements

This seminar is an advanced course and can only be attended if basic knowledge of industrial gas utilization for gas pressure control, combustion and operation of industrial gas burners pursuant to DIN EN 746-2 has already been acquired. If this is not the case or if you are unsure, we recommend attending the practical seminar entitled "Industrial gas utilization – Commissioning and maintenance" first, before attending the advanced course.

# Advanced course: "Heat recovery through air preheating and self-recuperative burners (ECOMAX)"

## Seminar aim

To save energy and reduce CO<sub>2</sub> emissions, the combustion air is often preheated for industrial thermoprocessing equipment. Two central or decentral recuperators are used for this preheating. So-called self-recuperative burners (e.g. ECOMAX) are used for decentral heat recovery through air preheating, among others.

These burners place special demands on maintenance and commissioning personnel for their installation, commissioning and maintenance. This seminar provides users with details of the basic function and important information on the operation and maintenance of burners for heat recovery through air preheating.

## Target group

Users and service staff who are responsible for the servicing and maintenance of self-recuperative burners learn important principles for operation, adjustment and maintenance.

Trained personnel and line managers of technical departments who are responsible for system safety and availability receive information on the technical functioning of gas burners and are provided with advice on how to select service providers and system installers. Seminar language German Seminar venue Lotte (Büren)

Duration and times

1 day starting at 9:00 am and finishing at 4:30 pm

#### Note

Clothing adapted to the weather conditions is required as some of the practical exercises take place outside. You will also need safety footwear and suitable safety glasses.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).



#### Seminar fee

€ 550 per person plus VAT Price includes all learning materials and seminar documentation as well as refreshments.

#### Dates

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#### Seminar registration

Register online at the following address: www.kromschroeder.de/en/courses.

## Our tip

This seminar is an advanced course and can only be attended if basic knowledge of industrial gas utilization for gas pressure control, combustion and operation of industrial gas burners pursuant to DIN EN 746-2 has already been acquired. If this is not the case or if you are unsure, we recommend attending the practical seminar entitled *"Industrial gas utilization - Commissioning and maintenance"* first, before attending the advanced course.

#### Contents

- Fundamentals of combustion air preheating
- Design and function of self-recuperative burners (ECOMAX)
  - Installation and removal of self-recuperative burners for direct and indirect heating (radiant tubes)
  - Control of gas and air for preheated combustion air
- Practical exercises for installation, maintenance and adjustment

# **Regulations for industrial gas users**

## Seminar aim

When using gas-fired industrial thermoprocessing equipment, extensive rules and regulations must be observed to ensure safe operation. It is necessary for responsible specialists and executives to be familiar with the legal and normative requirements for the safe and reliable operation of industrial thermoprocessing equipment in order to be able to apply the resulting measures which are relevant for the company as regards design and procedure.

## Contents

- European and national legal provisions in Germany for the use of industrial thermoprocessing equipment
- Standardization pursuant to DIN EN 746-2 for the application of legal provisions for the safe equipping of thermoprocessing systems
- Requirements on the operators (operator duties and obligations) of gas-fired industrial furnaces
- Required specialist qualifications in the field of gas and the obtaining of these in order to work on gas systems in Germany
- Equipment regulations, factory standards and analysis on the basis of qualified inspections
- Selected chapters of the German Ordinance on Industrial Safety and Health: examples of "variance or continuation permit" and risk assessment

Seminar language German Seminar venue Lotte (Büren)

**Duration and times** 1 day starting at 9:00 am and

finishing at 4:30 pm

Seminar fee

Dates 28 (2019 year planner)

#### Seminar registration

Register online at the following address: www.kromschroeder.de/en/ courses.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).

## Target group

This seminar is mainly aimed at engineering managers, media officers, managers and executives of servicing and maintenance teams in companies with gas-fired industrial thermoprocessing equipment.

Specialists and inspection staff working for companies, authorities and organizations which perform tasks in the fields of industrial safety and accident prevention in relation to industrial thermoprocessing equipment.

Specialists and executives in companies who are to undertake management tasks in the operation and monitoring of industrial thermoprocessing equipment.

Further information on the structure, technology and rules for equipping and installation of industrial thermoprocessing systems is provided in the seminar entitled "*Industrial thermoprocessing equipment*".

# Industrial thermoprocessing equipment

## Seminar aim

In this seminar, we give you an overview of the design and function of industrial thermoprocessing equipment pursuant to DIN EN 746-2. In addition to the basic equipment stipulated, special cases such as restart or high temperature operation are explained and assessed from a safety point of view. While the seminar entitled "Regulations for industrial gas users" is mainly intended for operators and users, this seminar deals with the legal situation for system installers and commissioning staff. Along with gas equipment which functions flawlessly, safe electrical installation and control of the industrial furnace is an essential requirement for safe operation. In this seminar, we explain the requirements on electrical equipment and familiarize you with safety assessment in accordance with SIL and PL. The seminar is rounded off with prac tical advice on commissioning and monitoring.

## Contents

- Introduction to, and explanation of, the design and functions of gas-fired industrial thermoprocessing equipment
- Required equipment for the application of legal provisions for the safe fitting out of thermoprocessing systems pursuant to DIN EN 746-2
- Legal requirements on planning engineers, system installers and commissioning staff
- Standards for electrical equipment of thermoprocessing systems
- Introduction to standardization and safety assessment in accordance with SIL/PL
- Necessity and implementation of flue gas analysis when commissioning



**Duration and times** 1 day starting at 9:00 am and

finishing at 4:30 pm

Seminar fee 550 per person plus VAT

Dates 28 (2019 year planner)

#### Seminar registration

Register online at the following address: www.kromschroeder.de/en/ courses.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).

## Target group

Planning engineers, system installers and commissioning staff working on industrial thermoprocessing equipment who would like to get a general idea about current standards, structure and function. This seminar is also suitable for trained personnel working for service providers and operators who would like to know more about the structure and design of their thermoprocessing equipment.

## Our tip

If you are interested in acquiring more detailed information on technical regulations from the point of view of operators of industrial thermoprocessing equipment, we recommend that you attend the seminar entitled "*Regulations for industrial gas users*". ek

# Parameterization and visualization using BCSoft

## Seminar aim

Actuators and burner control units can be adapted for special use thanks to corresponding parameterization. Here, not only functional but also safety aspects must be taken into account. Honeywell Thermal Solutions burner control units BCU and actuators IC 40 can be programmed and set using the BCSoft software. This seminar provides information on the possibilities offered by this software and how to use it as well as practical exercises.

## Contents

#### Theory

- Normative and safety issues when programming the BCU
- Introduction to the installation and use of BCSoft
- BCSoft for the programming and visualizing of BCU 3xx, 4xx and 5xx, PFU, FCU and IC 40

#### Practice

- Installation of the software, connecting and reading the devices
- Programming exercises with BCU and IC 40
- Using BCSoft to help with troubleshooting and device replacement

Seminar language German Seminar venue Lotte (Büren)

Duration and times 1 day starting at 9:00 am and finishing at 4:30 pm

Seminar fee

550 per person plus VAT

Dates Page 28 (2019 year planner)

#### Seminar registration

Register online at the following address: www.kromschroeder.com → Company → Seminars → Seminars.

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).

## Target group

Trained personnel working for operators and companies commissioning industrial thermoprocessing equipment who have to install, check and replace burner control units BCU and actuators IC 40.

This seminar builds on knowledge acquired during the practical seminar "Industrial gas utilization – Commissioning and maintenance". We therefore recommend attending the practical seminar first to ensure you have the necessary basic knowledge. \*

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# Combustion and gas/air solutions for premix appliances

## Seminar aim

The growing market for commercial combustion systems needs dedicated solutions for highcapacity premix condensing boilers and forced draught burners from 250 kW to 3 MW.

To be able to develop, test and service these high-performance installations, Honeywell provides users with targeted combustion and premix gas/air solution training courses. The courses are all customized to the users.

## Contents

- Fundamentals of premixing combustion

#### This includes:

- Gas types and gas characteristics (air demand, stoichiometric air quantity, lambda, measurement methods)
- Combustion product emissions
- Flame and burner types
- Relevant standards
- Control of gas and air systems
- Practical exercises for installation, maintenance and adjustment

Seminar language English Seminar venue Lotte (Büren)

Duration and times 3 days starting at 9:00 am and finishing at 5:00 pm

Seminar fee

Seminar registration Register online at the following address: ww.kromschroeder.com → Company → Seminars → Seminars

#### Travel and accommodation

Travel and accommodation are not included in the course fee. You will find information about accommodation in the list of hotels on page 25 (Hotels in Osnabrück) and a description of how to find us on page 24 (How to get to Lotte near Osnabrück).

## Target group

Users and engineering and service staff who are responsible for the development, operation, adjustment and maintenance of high-performance premix boilers and forced draught burners. com

# Docuthek, PartDetective, ProFi and KST

# Document library www.docuthek.com

With this universal tool, our ever increasing offer of technical documentation is accessible for you anywhere in the world, with entries being updated on a daily basis.

As a guest user, you have access to operating instructions, brochures, data sheets, product brochures, technical information bulletins, animations of functions, technical papers, product ranges, publicity sheets, advertising brochures and certificates.

Once you have registered, you will have access to tips on essential points and on application, characteristic diagrams, CAD data, photos, software, unit drawings and the up-to-date price list. It is free for you to use the DOCUTHEK.

## Kromschröder PartDetective spare parts list

With the PartDetective DVD, you will receive a universal database for defining spare parts for Kromschröder products. Parts lists are available for the products selected. Parts lists and drawings can be easily printed out and copied into Word or Excel files or emails.

The PartDetective application is also available online so that you can search for Kromschröder spare parts on site using a smartphone, tablet or laptop.

Open www.adlatus.org.

# Finding Kromschröder products: ProFi DVD

The ProFi product finder will help you find the right product among some 20,000 products. Search for product designations, order numbers or full text. You can filter your search results according to additional features.



All products are described in detail along with a dimensional drawing.

Open <u>www.adlatus.org</u>.

# Kromschröder System Technology KST

Aluminium, steel, ceramics, glass industries, etc. – they all need controlled temperatures for production. We are an experienced, efficient partner to the industry and develop and build bespoke system solutions for our customers.

We share our specialist knowledge with you on the KST website As a registered user of KST, you can read up on the interrelations of gas and burner systems and you can also obtain explanations of the relevant national or international standard. Useful tips on products, systems, Standards and Directives, as well as on gas engineering in general, can be found there, in addition to a tool kit full of useful apps to make your everyday professional life easier. Extensive collections of examples regarding gas inlet sections, burner systems and process control are clearly illustrated and, if required, explained in detail. And if you have any questions, your own personal contact partnerwill be happy to be of service to you.

Open www.system-technik.info

# Designing Kromschröder burners www.gasburners.info

gasburners.info enables you to design Kromschröder burners for your application. After registering, look for suitable burners among the 250 to choose from. Each burner is displayed with the appropriate diagram which you can influence interactively so that you can read a whole series of values with ease. For example, you can change the gas type, the air temperature or the reverse flow pressure in the furnace.

Finally, at the touch of a button you can make a note of the values which you require to adjust your burner.

Open <u>www.adlatus.org</u>.





# How to get to Lotte near Osnabrück

If you are arriving by car, the North/South motorway A 1 and the East/West connection A 30 provide easy access.

First point of orientation is the Lotte/Osnabrück motorway interchange. Exit 71, "Osnabrück-Hafen", offers the fastest and simplest access.

The route is signposted ("Industriegebiet Büren") from this point.

#### Travelling by train

A taxi takes approx. 30 minutes to reach Honeywell Kromschröder from the main station in the city centre.

### By bus

Take any bus to the *"Neumarkt"* stop. Then continue on the R11 to the *"Kromschröder"* stop.

## Another good way to get to Honeywell Kromschröder is by air

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Münster/Osnabrück international airport offers excellent access services to Osnabrück city centre (bus number X150). About 30 minutes by bus. Or approx. 20 minutes by taxi, directly to Honeywell Kromschröder.

Elster GmbH Strotheweg 1, 49504 Lotte (Büren)



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# Hotels in Osnabrück

Hotel address	Price/€* Single room with breakfast included		Distance from Honeywell Kromschröder
Best Western Hotel Hohenzollern Theodor-Heuss-Platz 5, 49074 C <u>www.bestwestern.com</u>		+49 541 3317-0 +49 541 3317-351	7.9 km
Arcona Living Neuer Graben 39, 49074 Osnabr www.osnabrueck.arcona.de	ück 88.00 (Standard) 98.00 (Komfort)	+49 541 56954-0 +49 541 56954-100	7.1 km
Select Blumenhaller Weg 152, 49078 0 <u>www.select-hotels.com</u>	snabrück 79.80 (Standard)	+49 541 4049-0 +49 541 4049-122	9.8 km
IDINGSHOF Hotel & Restaurant Bührener Esch 1, 49565 Bramsc www.idingshof-hotel-bramsche.c		+49 5461 889-0 +49 5461 889-64	23.0 km
INTOUR Maschstraße 10, 49078 Osnabr www.intourhotel.de	ück 65.00	+49 541 96386-0 +49 541 434239	7.7 km
Hotel Kohlbrecher Wersener Landstr. 2, 49076 Osna www.hotel-kohlbrecher.de	abrück 85.00	+49 541 125293	2.9 km
Ringhotel Mutter Bahr Nordbahnstraße 39, 49479 Ibbe <u>www.mutter-bahr.de</u>	nbüren 72.00	+49 5459 80360 +49 5459803615	27.9 km
Hotel am Nikolaiort Kamp 1, 49074 Osnabrück <u>www.hotel-nikolaiort.de</u>	74.00	+49 541 33130-0 +49 541 33130-88	7.0 km
PARKHOTEL Edinghausen 1, 49076 Osnabrüc www.parkhotel-osnabrueck.de	.k 63.00	+49 541 9414-0 +49 541 9414-200	6.5 km
Steigenberger REMARQUE Natruper-Tor-Wall 1, 49076 Osna <u>www.osnabrueck.steigenberger</u> d		+49 541 6096-0 +49 541 6096-600	6.9 km
Altes Gasthaus Schroer Große Str. 10, 49492 Westerkapp www.hotel-gasthaus-schroer.de	beln 66.50	+49 5404 2494 +49 5404 6489	6.6 km
Romantikhotet WALHALLA Bierstraße 24, 49074 Osnabrück www.hotel-wathalla.de	97.00	+49 541 3491-0 +49 541 3491-144	6.6 km
WELP Natruper Straße 227, 49090 Osr <u>www.hotel-welp.de</u>		+49 541 91307-0 +49 541 91307-34	3.7 km

\* Prices subject to change. (data as of September 2018)

# How to get to Vilvoorde

The "Gas burners for air heating and low temperature applications" seminar will be held at the Honeywell Maxon training centre in Vilvoorde, Belgium.

#### Travelling by car

Honeywell Thermal Solutions Maxon International BVBA Luchthavenlaan 16 1800 Vilvoorde Belgium

You can easily park your car in our car park.

#### Travelling by train

Vilvoorde central train station is located within walking distance of our training centre.

#### By bus

Take any bus to the "Fabrieksstraat" stop. This stop is within walking distance of the Honeywell Maxon training centre in Vilvoorde.

#### Another good way to get to Honeywell Maxon is by air

Brussels airport offers excellent access services to Vilvoorde city centre: bus numbers 282, 621, 683, 820 and 821 or taxis are available in front of the arrivals hall to take you directly to Honeywell Maxon.



# **Hotels in Vilvoorde**

Hotel address	Price/€ Single room with breakfast Phone included
Hotel Campanile Brussels Luchthavenlaan 2 1800 Vilvoorde Belgium www.campanile-bruxelles-vilvoorde.be/v	You can find the current accommodation prices on the hotel's website.
The Lodge Vilvoorde Rondeweg 3 1800 Vilvoorde Belgium www.lodge-hotels.be/en/hotels/b/the-l	You can find the current accommodation prices on the hotel's website.
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# 2019 year planner

		January				February				March	
1	Tu		1	1	Fr			1	Fr		
2	We			2	Sa			2	Sa		
3	Th			3	Su			3	Su		
4	Fr			4	Мо		6	4	Мо		10
5	Sa			5	Tu			5	Tu		
6	Su			6	We			6	We		
7	Мо		2	7	Th			7	Th		
8	Tu			8	Fr			8	Fr		
9	We			9	Sa			9	Sa		
10	Th			10	Su			10	Su		
11	Fr			11	Мо		7	11	Мо		11
12	Sa			12	Tu			12	Tu		
13	Su			13	We			13	We		
14	Мо		3	14	Th			14	Th		
15	Tu			15	Fr			15	Fr		
16	We			16	Sa			16	Sa		
17	Th			17	Su			17	Su		
18	Fr			18	Mo		8	18	Мо		12
19	Sa			19	Tu			19	Tu	Seminar 1 (GB)	
20	Su			20	We			20	We		
21	Мо		4	21	Th			21	Th		
22	Tu	Seminar 1 (D)		22	Fr			22	Fr		
23	We			23	Sa		·	23	Sa		
24	Th			24	Su			24	Su		
25				25	Мо		9	25	Mo		13
26	Sa			26	Tu	Seminar 1 (D)		26	Tu		
27	Su			27	We			27	We		
28	Мо		5	28	Th			28	Th		
29	Tu							29	Fr		
30								30	Sa		
31	Th							31	Su		

(D) = Seminar language in German (GB) = Seminar language in English

		April				Мау		June				
1	Мо		14	1	We			1	Sa			
2	Tu			2	Th			2	Su			
3	We	Seminar 1 (D)		3	Fr			3	Мо		23	
4	Th			4	Sa			4	Tu			
5	Fr	Seminar 3 (D)		5	Su			5	We	Seminar 1 (D)		
6	Sa			6	Мо		19	6	Th			
7	Su			7	Tu	0 1 (D)		7	Fr	Seminar 4 (D)		
8	Мо		15	8	We	Seminar 1 (D)		8	Sa			
9	Tu		۷*	9	Th			9	Su			
10	We	Seminar 2 (GB)	۷*	10	Fr	Seminar 5 (D)		10	Мо		24	
11	Th		۷*	11	Sa			11	Tu			
12	Fr			12	Su			12	We			
13	Sa			13	Мо		20	13	Th	0		
14	Su			14	Tu			14	Fr			
15	Мо		16	15	We			15	Sa			
16	Tu			16	Th			<b>1</b> 6	Su			
17	We			17	Fr			17	Mo		25	
18	Th			18	Sa			18	Tu			
19	Fr			19	Su			19	We			
20	Sa			20	Мо		21	20	Th			
21	Su			21	Tu		۷*	21	Fr			
22	Мо		17	22	We	Seminar 2 (F)	۷*	22	Sa			
23	Tu			23	Th		V*	23	Su			
24	We			24	Fr			24	Мо		26	
25	Th				Sa			25	Tu			
26	Fr			26	Su			26	We			
27	Sa				Мо		22	27	Th			
28	Su			28	Tu			28	Fr			
29	Мо		18	29	We			29	Sa			
30	Tu			30	Th			30	Su			
				31	Fr							
* V: S	Semina	ar 2 in English from 09	) - 11	April, s	emina	r venue: Vilvoorde						
:	Semina	ar 2 in French from 12	- 23									
		ninar language in Gern										
		ninar language in Engl										
(+)	= Sen	ninar language in Fren	sn									

(F) = Seminar language in Frensh

		July				August				September	
1	Мо		27	1	Th			1	Su		
2	Tu			2	Fr			2	Мо		36
3	We			3	Sa			3	Tu		
4	Th			4	Su			4	We		
5	Fr			5	Мо			5	Th		•
6	Sa			6	Tu		32	6	Fr		
7	Su			7	We			7	Sa		
8	Мо		28	8	Th			8	Su		
9	Tu			9	Fr			9	Мо		37
10	We			10	Sa			10	Tu	Seminar 1 (D)	
11	Th			11	Su			11	We	Seminar I (D)	
12	Fr			12	Мо			12	T <mark>h</mark>		
13	Sa			13	Tu		33	13		Seminar 5 (D)	
14	Su			14	We			14	Sa		
15	Мо		29	15	Th			15	Su		
16	Tu			16	Fr			16	Мо		38
17	We			17	Sa			17	Tu		
18	Th			18	Su 🔻			18			
19	Fr			19	Мо			19	_		
20	Sa			20	Tu 🗸		34	20	Fr		
21	Su			21	We			21	Sa		
22	Мо		30	22	Th			22	Su		
23	Tu			23	Fr			23	Mo		39
24	We			24	Sa			24	Tu	Seminar 1 (D)	
25	Th			25	Su			25	We		
26	Fr			26	Мо			26	Th		
27	Sa			27	Tu		35	27	Fr	Seminar 3 (D)	
28	Su		0.4	28	We			28	Sa		
29	Mo		31	29	Th			29	Su		
30	Tu			30	Fr			30	Мо		40
31	We			31	Sa						

(D) = Seminar language in German (GB) =Seminar language in English

	October					November				December				
1	Tu			1	Fr			1	Su					
2	We			2	Sa			2	Мо		49			
3	Th			3	Su			3	Tu					
4	Fr			4	Мо		45	4	We					
5	Sa			5	Tu			5	Th					
6	Su			6	We			6	Fr					
7	Мо		41	7	Th			7	Sa					
8	Tu			8	Fr			8	Su					
9	We			9	Sa			9	Мо		50			
10	Th			10	Su			10	Tu	Seminar 1 (D)				
11	Fr			11	Mo		46	11	We	Seminar 1 (D)				
12	Sa			12	Tu			12	Th					
13	Su			13	We			13	Fr	$\mathbf{\cap}$				
14	Мо		42	14	Th			14						
15	Tu	Seminar 1 (GB)		15	Fr			15	Su					
16	We			16	Sa			16			51			
17	Th			17	Su			17	Tu					
18	Fr	Seminar 3 (GB)		18	Мо		47	18	We					
19	Sa			19	Tu	Seminar 1 (D)		19	Th					
20	Su			20	We	Jenninal I (D)		20	Fr					
21	Мо		43	21	Th			21	Sa					
22	Tu			22		Seminar 6 (D)		22	Su					
23	We			23	Sa			23	Mo		52			
24	Th			24	Su			24	Tu					
25	Fr			25	Мо		48	25	We					
26	Sa			26	Tu			26	Th					
27	Su			27	We			27	Fr					
28	Мо		44	28	Th			28	Sa					
29	Tu		V*	29	Fr			29	Su					
30	We	Seminar 2 (GB)	۷*	30	Sa			30	Мо		5:			
31	Th		۷*					31	Tu					
* V:	Semina	r 2 in English from 29	-31	- Octobe	er, sem	inar venue: Vilvoorde								
	- Comi	inar language in Germ	0.0											

(D) = Seminar language in German

(GB) = Seminar language in English



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## Contact

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