



BEKO TECHNOLOGIES

Become an expert in compressed air technology

The training concept of **BEKO** TECHNOLOGIES



Better through Responsibility



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The Training Concept

Compressed air is much more than just compressed air. The interactions between pressure, moisture, particle content, oil and oil vapor as well as its treatment are the most important and complex subjects. In order to understand better this complexity, there is our

BEKO TECHNOLOGIES Education Center. Its different training modules offer tailor-made knowledge modules for every requirement, from beginners to the experienced full compressed air professional.

The program is divided into 4 modules:

Entry **BASICS**

- » First insights
- » Physical fundamentals of compressed air generation and treatment
- » Components of compressed air
- » Function of individual products

Recess **ESSENTIALS**

- » Hands on Training
- » First compressed air station designs
- » Practical group work
- » Exchange of experience

specialisation **PROFESSIONALS**

- » Intensive training
- » Special topics
- » Measurement Technology
- » Catalysis and adsorption

SERVICE

- » Maintenance
- » Practical exercises
- » Tips and tricks



Basics Training e-Learning

The Training

Our e-Learning course “The Basics of Compressed Air Technology” aims at newcomers in the field of compressed air, who want to learn more about compressed air and the interrelationships in the treatment.

e-Learning is characterised by a variety of tasks with videos and multimedia content. The user is in charge of learning speed, breaks or repeating specific learning modules to deepen their knowledge. Questions help to recognise whether everything is correct or not, understood or whether certain topics should be repeated. To complete the online course a total time of about eight hours is required.

The e-Learning makes it possible to learn and track learning progress at any time. The course can be used on all common platforms, i.e. PC, Tablet and Smartphone.

Content

The **Basics** Training is divided into eight clearly formulated learning modules and gives a first overview of the most important topics in compressed air technology.

1. Compressed air - engine of the industry
2. In the compressor
3. Basics of Filtration
4. Humidity
5. Drying of Compressed Air
6. Condensate Drainage
7. Treatment of Condensate
8. Avoid Energy Loss





At a glance | Basics Training e-Learning

Target group:

All those dealing with compressed air systems and the application of compressed air

Prerequisites:

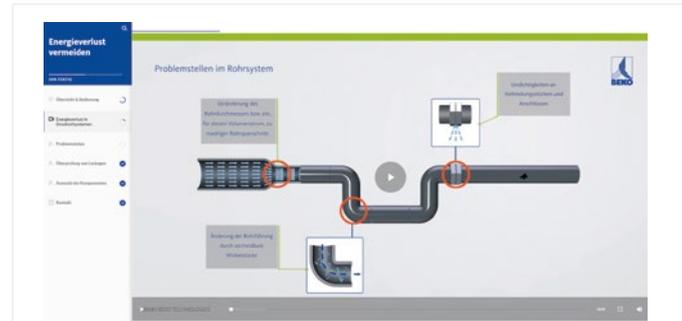
Interest in compressed air technology

Content:

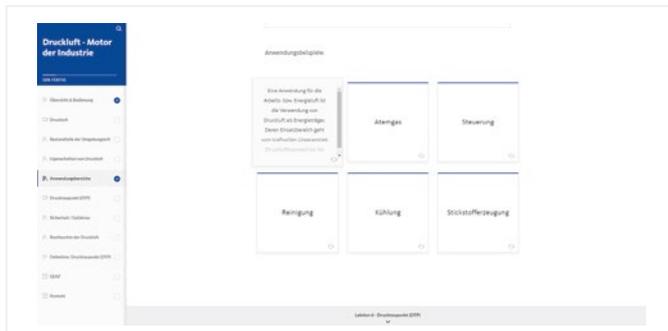
Basics of compressed air technology and compressed air preparation

Duration & Execution:

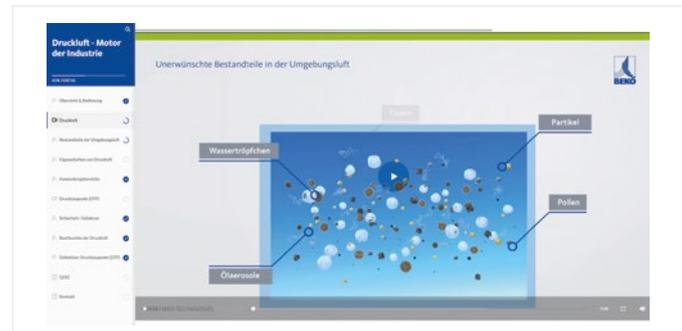
8 hours, individually and flexible assignable



The learning material is explained with simple and understandable videos.



Multimedia content simplifies the learning of the material



More complex topics are also vividly conveyed



Essentials Training

The Training

The **Essentials** Training is based on the **Basics** Training. It is performed as a classroom event in group work by our experienced trainers and compressed air specialists. The training is ideally suited for users, dealers, service technicians, purchasers and everyone else interested in compressed air treatment.

Content

The focus of the **Essential** Training is on the compressed air quality classes according to ISO 8573.1 and its meaning and the problem-solving products from **BEKO TECHNOLOGIES**. In many practical application examples from the industry the connections are vividly conveyed. Therefore it always focusses on the required quality classes, energy efficiency and the best implementation of compressed air treatment products.

In this training following topics are treated in particular:

- » Analysis of a compressed air system
- » Required treatment of compressed air
- » Helpful measurement technology
- » Influences of dynamic operating conditions
- » Possible solutions for the user

Learning method

In order to optimally deepen the technical information conveyed, existing compressed air systems are analysed and hidden potentials are revealed - especially under the aspect of energy efficiency and other possible improvements. After successful completion, all participants receive a certificate.



At a glance | Essentials Training

Target group:

Service technicians, distributors, dealers, planners and users regardless of their level of experience

Prerequisites:

completed **Basics** Training, first experiences in the compressed air industry are recommended

Content:

condensate technology, compressed air filtration, compressed air drying, measuring

Duration & Execution:

3-day classroom event in a group of 10 to 20 people



The practice must not be missed - hands-on units are fixed components of the trainings



In small to medium sized groups learning through dialogue and exchange is easy



Our spacious showroom is suitable and ideal for practical trainings in the compressed air preparation



Professionals Training

The Training

The **BEKO TECHNOLOGIES** Professionals Training is based on the **Essentials** Training and goes even deeper into the compressed air treatment. This training is aimed at experienced colleagues who already accomplished the **Basics** and **Essentials** Trainings and bring practical experience in compressed air treatment.

Content

Our Professionals Trainings always deal with a specific main topic. These focus points are set to discuss specific topics, applications or problems in greater detail. Focus points for Professionals Trainings can be versatile – for instance compressed air in the food industry or also with specific metrology applications. Please feel free to contact us directly and ask which focus point will be on the agenda for our next Professionals Training. We also happy to receive suggestions for focus points.

In addition to the individual focus topics, the following topics are treated in the Professionals trainings:

- » Filtration
- » Condensate Technology
- » High pressure drying
- » Cooling, membrane and adsorption drying
- » Compressed air for oil-free applications

Learning Method

Complex compressed air station designs for different qualities of compressed air are analysed. Depending on the topic and focus of the training, also market players and competitors will be looked at in order to get a panoramic view of the market. All these topics are presented in a practical and descriptive way in our showroom in group work.



At a glance | Professionals Training

Target group:

Experienced colleagues from the entire compressed air sector

Prerequisites:

Sound know-how and practical experience in compressed air technology as well as successfully completed **Basics** and **Essentials** Trainings

Content:

The emphasis of the Professionals Training is set individually. We are happy to inform you about dates and main topics

Duration & Execution:

2-day classroom event in a group of 10 to 20 people





Service and customer-specific In-house trainings

Tailored Service Trainings

Especially for service teams, we offer a range of services designed specifically for this purpose. In this training we go in-depth with maintenance, repairs, commissioning and repairs.

Of course, a service training also includes an even more intensive hands-on unit, which is practically connected to the products from **BEKO TECHNOLOGIES**.

Training sessions on your premises

You are interested in having your colleagues trained by us at your premises? Of course, we can also offer you an individual solution.

Simply contact us to find out if we can offer you a training with the topics for your special needs.



Registration, venue and cost regulation

Registration for our free e-Learning course “The Basics of Compressed Air Technology” works easily.



The dates for our **Essentials** Trainings as well as the registration can be found on our website, for **Professionals** Trainings dates please contact us directly by email at academy@beko-technologies.com or by phone and we will inform you about upcoming dates and topics. We are also happy to assist you under this e-mail address for suggestions and queries.”

The **Essentials & Professionals** Trainings take place at **BEKO TECHNOLOGIES** in Neuss. Currently we offer all trainings in German as well as in English.

The training fee for the Essentials Training is € 390,- net, excl. VAT (dinner event, lunch, coffee breaks as well as all taxi transfers from/to hotel and dinner event are already included). Professionals Training on request. For specific service and in-house trainings, you can also contact us directly.

We look forward to hearing from you!
Your **BEKO TECHNOLOGIES** Education Center

Find upcoming dates
on our website.

For direct access, simply scan this QR Code:



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