



# IDE COMPRESSORS

## Training Program 2024

High Pressure Compressors- Filling stations  
Trainings for technicians, users and operators

Manufacturer-independent



YOUR SAFETY IS OUR SUCCESS

## **REASONABLE AND INDISPENSABLE - KOMPPLAN COMPRESSOR TRAININGS**

*„Of course trainings cost money. You can invest your money in machinery, cars or real estate.*

*And... you can also invest in something with lasting benefits and immediate profit: your own knowledge and skills!”*

IDE-COMPRESSORS compressor workshops are necessary and useful, especially if you want to ensure the safe operation and proper handling of your compressor system. These workshops may even be compulsory for certain diver's certificates or for fulfilling legal provisions.

At large filling stations and diving centers failure of a compressor or filling contaminated air due to inadequate or inexperienced maintenance usually causes considerable losses in both image and finances. This can only be prevented by profound technical knowledge and proper handling of the compressor system.

Compressors are no overly complicated constructions - the basic knowledge taught at our workshops should be well sufficient to properly operate your compressor and carry out the most important maintenance work and minor repairs.

### **Why high-pressure compressor workshops?**

Breathing-air, clean and pure in compliance with DIN EN 12021:2014 (formerly DIN 3188) is a major prerequisite for safe diving. To ensure this, two essential requirements must be met: a filling station in compliance with strict technical regulations and proper operation. Above all, all relevant safety requirements must be observed strictly and thoroughly. Inexpert operation and subsequent failure of the compressor not only costs money, but also poses a risk of injury to personnel and divers.

The skills you will learn during the practical parts of the workshops and the technical knowledge from the theory parts will help you to operate and maintain a compressor system safely, competently, and in compliance with the relevant regulations.

As a commercial operator of a compressor and / or a filling plant, they require proof of competence for the operation of the plant, as required by the operational safety ordinance. As soon as a donation to others takes place, an approval by the responsible authority is necessary!

This seminar gives you legal certainty regarding liability risks in the operation of filling systems. The know-how conveyed in our seminars for the operation of a compressor system for breathing air is based on the requirements of the Industrial Safety Ordinance (BetrSichV 2015) and the corresponding Technical Rules (TR 401), as well as the PED 2014/68/EU.

The theory part explains facts and functions of the compressor, as well as the legal provisions pertaining to the operation of a filling station for breathing-air. Knowledge of these provisions is indispensable for all operators and will therefore be an important focus in our workshops. In the practical part we will teach you how to carry out maintenance work that the manufacturer scheduled to be done by the operator, and the necessary skills and knowledge to do minor repairs in consultation with the manufacturer.

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## Our trainers



### **Stephan Adam**

*Expert for high-pressure compressor systems and filling systems*

*Qualified person according to §32 Pressure Vessel Ordinance*

*Qualified person according to the Ordinance on Industrial Safety and Health*

*Qualified person according to the European Pressure Equipment Directive (PED) 2014/68/EU*

*Nußdorferstrasse 17 a*

*D-83098 Brannenburg/Germany*

*Mob.: +49 (0) 171 420 5521 Mail: [adam@ide.de](mailto:adam@ide.de)*

## Organizational information

### Registration

Please register on our online registration page:

<http://www.ide.de/en/trainings/online-application/>

or follow this path

[www.ide.de](http://www.ide.de) > English version > trainings > online registration

Please be aware that your registration is binding. You are only entitled to participate, however, after you received written confirmation from Komplan and after receipt of the course fee in our account. We will send you an invoice and our bank details.

### Cancellation

In the event of an insufficient number of participants we reserve the right to cancel the training up to 6 business days before the scheduled beginning. In this case we will refund your course fee advance payment.

You can also cancel the booked training until up to 8 business days before the scheduled beginning. You must do so **in writing**.

Afterwards we will invoice 70% of the course fee.

We will not refund flight / train tickets and other travel expenses.

***Please be aware that in case of unexcused absence from the training we will charge 100% of the course fees.***

## Course fees

The course fee includes the current VAT rate, workshop documents and certificates, beverages, lunch and afternoon coffee with pastries.

For group bookings of three or more participants we grant a 10 % discount on all our trainings; for 6+ participants 15 % discount.

Special provisions for refresher and air-quality trainings: for 3+ participants 5%, for 6+ 10% discount.

## Hotel recommendation

If you need hotel accommodation, we can recommend the following hotels.

Contact for info and bookings:

### Seminar location and Hotel

#### **SPORTHOTEL WILDER KAISER**

**Astl-Reisen GmbH**

**Naunspitzstr. 1**

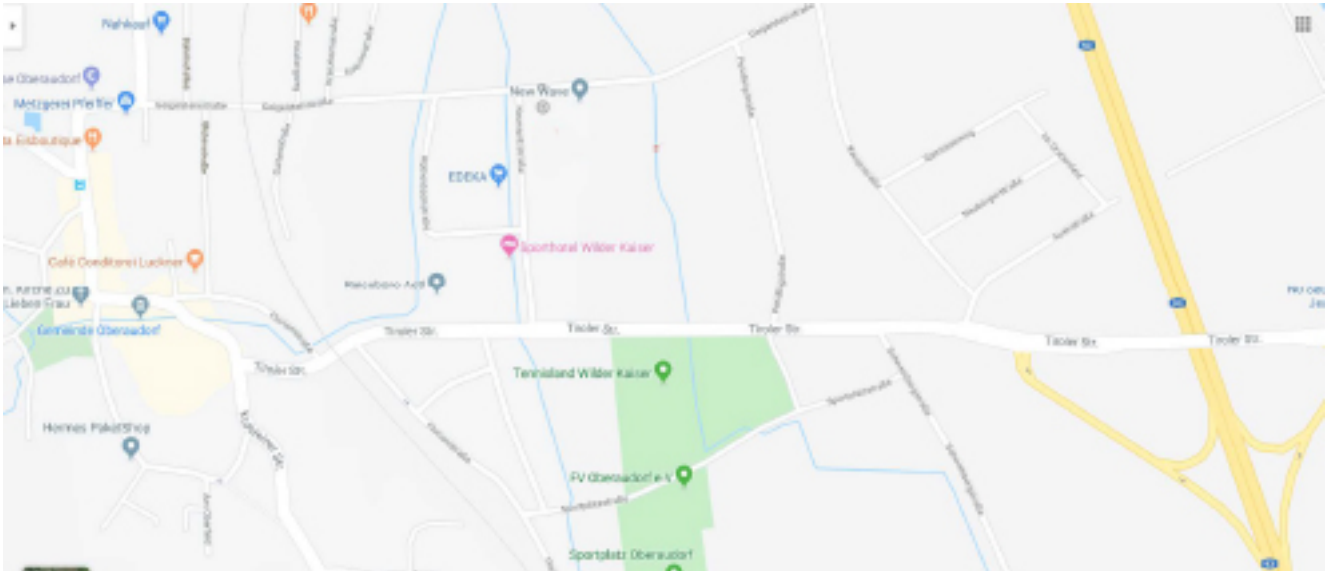
**D-83080 Oberaudorf**

**Telefon: +49 (0)8033/925-0**

**Fax.: +49 (0)8033/3106**



## How to find us



## The class room







## Compressor technology, filling systems - Basics

Target group:	<p>Participants from the areas of breathing air, fire brigade, diving and industry. Graduates of the operator seminar and people who already have extensive experience in handling high-pressure compressors who would like to expand their knowledge of troubleshooting and troubleshooting.</p> <p>This seminar is, among other things, a prerequisite for acquiring the expertise of a "qualified person according to Section 32 of the Industrial Safety Ordinance" and the speed test</p> <p><b>The seminar is manufacturer-independent</b></p>
Content:	<p>Introduction to the basic functions of a high pressure compressor</p> <p>How do I set up a system correctly, explanation of the installation rules to be observed</p> <p>Important technical rules, standards and safety regulations</p> <p>How do I avoid accidents</p> <p>Recognize functional deficiencies in a previously prepared system and these to be remedied by dismantling / assembly with subsequent test run</p> <p>Which consumables and spare parts do I have to order for the system and the affected peripherals and how do I use them.</p> <p>Introduction to controls and electrical assemblies</p>
Benefit:	<p>In this training participants gain the additional competence to define and operate different compressor controls, to determine mechanical and electrical faults and to run a breathing-air analysis.</p> <p>Upon successful completion the participants receive a certificate (valid for 3 years)</p> <p><b>Please bring appropriate protective clothing with you</b></p>
Duration:	2 days
Number of participants:	15 people Location:

Hotel - Gasthof Schloßwirt  
Kirchplatz 1  
83098 Brannenburg/ Germany

Times: Day 1: 9,00 am - 12.00 pm and 1.00 pm - ca. 5.00 pm  
Day 2: 9,00 am - 12.00 pm and 1.00 pm - ca. 4.00 pm

Dates: 27.02. + 28.02. 2024 22.10 + 23.October 2024

Registration: [Online registration or by mail: office@ide.de](mailto:office@ide.de)

Course fee: € 650,00  
the price for the training includes participant certificate, training documents, seminar drinks, lunch, afternoon coffee with pastries.  
When booking with the technic professional training the following 2 days:  
€ 1150.00 together for both trainings



## Compressor technology - professional

Target group:	<p>Service technicians from the application areas breathing air, fire brigade, diving and industry. Graduates of the Technik-Basic seminar and persons who already have longer experience in handling high-pressure compressors and who would like to expand their knowledge with regard to compressor internal life and function.</p> <p><b>The training is designed to be manufacturer-independent.</b></p>
Content:	<p>Troubleshooting and repair of a specially prepared system                      The inner workings of a compressor block and the path of air (flow chart) through the 3 stages 3 - 7.5 kW and 4 stages 11 - 18.5 kW compressor                      get to know professional troubleshooting, localization and proper repair, setting and testing of the safety devices                      Programming one of the newest CAN bus controls.                      Working with an air quality monitoring system with sensor calibration                      Compliance with various regulations, documentation                      Ordering the correct spare parts                      Discussion of specific customer problems</p>
Benefit:	<p>Recognize and correct malfunctions and defects in a high-pressure piston compressor and set and check all safety devices on a high-pressure compressor filling system</p> <p><b>Please bring with you appropriate protective clothing!</b></p>
Duration:	2 days
Number of participants:	12 people
Location:	<p>Hotel - Gasthof Schloßwirt                      Kirchplatz 1                      83098 Brannenburg/ Germany</p>
Times:	<p>Day1: 9,00am - 12.00 pm and 1.00 pm - ca. 5.00 pm                      Day 2: 9,00 am - 12.00 pm and 1.00 pm - ca. 4.00 pm</p>
Dates:	29.02 .- 01. March 2024    24.-25. October 2023
Registration:	<a href="mailto:office@ide.de">Online registration or by mail: office@ide.de</a>
Course fee:	<p>EUR 650,00                      the price for the training includes participant certificate, training documents, seminar drinks, lunch, afternoon coffee with pastries.                      When booking with the technic basic training the 2 days before: € 1150.00 together for both trainings</p>

## Local Trainings all around the world

Upon request, and if the required devices and rooms are available, we can hold our trainings at your premises.

Minimum number of participants

Please give us a mail or call us and we will gladly make you an offer.

We are looking forward to your participation!

**IDE-COMPESSORS**  
***Compressed Air Solutions***



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## IDE-COMPRESSORS

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DIN EN ISO 9001

Leading Company  
of Germany

