



ST-4403-2006

TRAINING FOR REALITY

FIRE TRAINING FROM DRÄGER SAFETY

DETECTION
PERSONAL PROTECTION
DIVING TECHNOLOGY
SYSTEM TECHNOLOGY
SERVICES

Drägersafety

The Dräger Safety Academy – training for reality. With complete peace of mind.



ST-1703-2005

FOR MORE THAN A CENTURY, DRÄGER SAFETY HAS BEEN DEVELOPING PRODUCTS AND SYSTEM SOLUTIONS FOR YOUR SAFETY. AS A RESULT, THE NAME DRÄGER HAS BECOME SYNONYMOUS WITH SAFETY AT WORK. PARTNERING PROFESSIONAL, INDUSTRIAL AND VOLUNTEER FIRE BRIGADES, OUR AIM IS TO GIVE YOU THE REASSURANCE THAT COMES WITH KNOWING THAT YOU HAVE THE BEST POSSIBLE EQUIPMENT AND COULD NOT BE BETTER PREPARED TO COPE WITH THE CHALLENGES OF YOUR WORK. OUR COMPLETE SYSTEMS ARE WITHOUT EQUAL WORLDWIDE. THEY HAVE SET THE STANDARDS FOR FIXED AND MOBILE TRAINING FACILITIES, LIKE FLASHOVER CONTAINERS AND FIRE HOUSES, AND FOR RESPIRATORY PROTECTION WORKSHOPS AND ALL THE EQUIPMENT THEY CONTAIN.

Dräger Safety Academy

Thanks to the professional support of the Dräger Safety Academy, you could not be better prepared for your next call of duty. It goes without saying that the safety of all fire fighters must be given the highest priority in all hazardous situations. The technical training offered by the Dräger Safety Academy prepares you to face all kinds of different challenges. What is more, you will be interested to hear about our new activities in the area of safety and hazard prevention. We tailor our services to your individual needs (e.g. for specific target groups) and maintain the highest standards by combining thorough theoretical teaching with a wide range of practical exercises and exchange of experience. All you have to do is select the seminar that best suits your requirements from our range of training courses, which covers application, service and maintenance, equipment instruction and behaviour in hazard situations.

Realistic fire brigade exercises

Increasingly, training at high temperatures and practising how to deal with real-life fire fighting scenarios are becoming the key

focus in fire training courses. Whether you are interested in accustomising personnel to high temperatures in a gas-fired simulator, or teaching them how to recognize and tackle a flashover in a wood-fired container, the mobile fire training simulators from Dräger Safety allow a wide range of different exercises to be performed just about anywhere. Incidentally, our mobile fire training galleries come to you, saving you long journey times.

Realistic training for hazard situations

You need regular training and practice if you want to remain in full control of all operational and emergency situations. The Dräger Safety Academy offers you the chance to practise your response to emergencies under simulated yet realistic conditions – don't wait until it is too late!

Dräger Safety is a system supplier offering a full range of fire training galleries. Besides our mobile containers which can be rented, we can also install complete fire houses and full size aircraft fire training galleries.



Hot fire training is not about playing with fire, but gives highly realistic preparation for real-life scenarios.



ST-4465-2006

THERE IS NO GOING BACK IN AN EMERGENCY, SO IT IS REASSURING TO KNOW THAT YOU HAVE ALREADY EXPERIENCED SIMILAR SITUATIONS AND ARE THEREFORE BETTER ABLE TO ASSESS THE RISKS. TRAINING IN OUR FIRE TRAINING GALLERIES PREPARES YOU AND YOUR PERSONNEL FOR REAL-LIFE SCENARIOS – THANKS TO THE PRACTICAL COURSES ON OFFER FROM THE DRÄGER SAFETY ACADEMY.

ST-2916-2000



Wood-fired training gallery

Wood-fired training gallery

This training gallery allows you to observe a flashover at first hand under controlled conditions and learn how to tackle it. This gives fire fighters a feeling for the extreme danger posed by a flashover, and teaches them how to respond correctly. In a range of different seminars, our experienced trainers use real fire to demonstrate in the theory and in practice how flashover situations (e.g. fires inside rooms or other living areas) develop and how to tackle them.

Details of the training course:

- Flashover training for beginners
- Advanced flashover training
- Experienced, highly competent trainers are provided

Since 2002, a mobile wood-fired training gallery has been touring around the German federal state Bavaria, providing theoretical and practical flashover training for over 2,000 fire fighters every year.

Gas-fired training galleries

Type 1

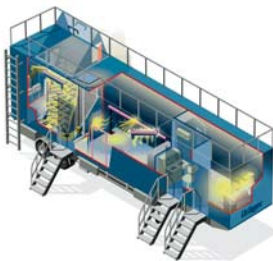
Fire training in a fire training container with six fire seats plus flashover simulation. Additional elements such as a high-temperature door and smoke extractor allow many different scenarios to be simulated to give you the best possible preparation for real-life fire operations.

Details of the training course:

- Three fire rooms covering approx. 27 square metres
- Six fire seats incl. flashover (e.g. staircase, gas meter, alternating fire seat)

In response to fire brigades requests for realistic training, the Hessian Ministry of the Interior and Sport commissioned the Dräger Safety Academy to provide such training to local fire brigades in a mobile fire simulator. Since 2004, more than 25,000 fire fighters have received training in a training project for the State of Hesse – just one more reason to rely on our experience.

ST-2461-2006



Gas-fired training galleries
Type 1

Gas-fired fire training container with six fire seats incl. flashover simulation

*The illustrations are merely schematic diagrams.



ST-4595-2006



ST-2281-2006

Type 2:
Gas-fired training container

Type 2

It is difficult for fire fighters to find opportunities to practise fighting real fires in enclosed rooms and learn how to extinguish the flames in an efficient manner. The latest version of the mobile fire training gallery features several different fire seats, a passageway and a range of entry options to enable a whole host of realistic scenarios.

For instance, fire fighters can start by descending a staircase, climbing through a window or fighting the fire from outside through doors. By incorporating doors and manholes into the exercise, additional challenges can be created between the different fire rooms.

Details of the training course:

- Total exercise area of over 40 square metres
- Four exercise rooms, of which three are fire rooms
- Eight fire seats incl. flashover
- Passageway for additional training options
- Realistic smoke machine

Type 3

Variant 3 offers a combination of training gallery and fire simulation gallery, including a flashover simulation. This gallery comprises an exercise room equipped with an endless ladder and an 18 meter long exercise course, while the fire room contains three fire seats and a flashover simulation.

Details of the training course:

- One fire room covering approx. 13 square metres
- Four fire seats incl. flashover
- 18 meter long training gallery
- Exercising on ergometers

Instructor qualification

You can rent the mobile fire training galleries for your own use, and take advantage of the fully qualified instructors we are able to provide through our cooperation partners. The training galleries always come with a service engineer to provide technical support, and we also offer your own instructors the chance to acquire an additional qualification. This seminar teaches fire brigade instructors how to prepare and run hot fire training courses in a mobile gas-fired gallery. They are taught the basic principles of how fires arise and develop in rooms inside buildings, and how to behave in emergency situations.



ST-295-2000

Type 3:
Gas-fired combination fire training gallery

The best possible training: the different options available from the Dräger Safety Academy.



ST-489-2003

AS THE WORLD'S SOLE SUPPLIER OF SOLID FUEL AND GAS-FIRED TRAINING GALLERIES, WE CAN OFFER YOU TRAINING GALLERIES WHICH HAVE BEEN DEVELOPED AND OPTIMIZED IN DIRECT COOPERATION WITH FIRE BRIGADES ALL OVER THE WORLD. THEY ENABLE REALISTIC TRAINING, TEACHING FIRE FIGHTERS HOW TO ASSESS THE RISKS POSED BY DIFFERENT TYPES OF FIRE AND HOW TO TACKLE THE FIRE ITSELF – WHILE UPHOLDING THE VERY HIGHEST STANDARDS OF SAFETY. TAKE ADVANTAGE OF OUR EXPERTISE WHEN TRAINING YOUR PERSONNEL.



ST-1098-2003

Practical seminar: tunnel fire fighting

Practical seminar: tunnel fire fighting

Poor visibility and a feeling of claustrophobia, coupled with a hinted supply of breathing air, are probably some of the most difficult conditions which fire fighters may find themselves facing. All this and more is typical of a tunnel fire. In the Hagerbach Test Gallery in Switzerland, participants learn, under the guidance of Swiss fire brigade instructors from St. Gallen Fire Brigade and Dräger Safety Switzerland AG, about the particular characteristics of a tunnel fire, how to use equipment appropriately, and the procedures to be followed in rescue and fire fighting operations. They are also given practical training in coping with chemical hazards and how to initiate appropriate immediate action.

The training seminar "tunnel fire fighting" is an ideal way for personnel to learn how to assess the particular hazards associated with fighting fires in tunnels. During the training seminar, which features a wide range of safety facilities, participants gain experience which will be invaluable in real-life operations, both in terms of their own response in tunnel fires and the correct handling of equipment.

Practical seminar in Sweden

This seminar offers fire training with real fire in one of Scandinavia's largest fire training academies, a leader in the field of fire training thanks to its expertise and extensive experience. Participants are given the chance to observe the different stages of a fire in an enclosed room, learning how to recognize and tackle the flashovers which result in such situations. The training seminar is a useful basis for those wishing to qualify as fire training instructors. The objective of the seminar is to understand how fire reacts in enclosed rooms. Participants learn about and experience at first hand techniques to delay and tackle the flashover. Models and practical exercises are used to teach them how to identify and tackle the individual stages of the fire in a range of scenarios.



ST-1460-2004

Practical seminar in Scandinavia



ST-2450-2006

ST-4502-2006



ST-1991-2003

Dräger Talisman Elite:

Thermal imaging cameras from Dräger Safety are designed especially for the critical situations which fire fighters typically face on a daily basis. Special seminars teach personnel how to use the different cameras, enabling them to put their theoretical knowledge to good practical use.



ST-4088-2006

Brunswick, Germany:

The fire brigade service and training centre

In the interests of your safety, the Dräger Safety Academy has forged successful cooperations and partnerships all over Germany.

HEAT Düsseldorf – a Dräger Safety Academy training centre

We offer experienced instructors who themselves have served with professional fire fighters. Our strength lies in the fact that we design our seminars to suit individual needs. In our fire training gallery, we use realistic conditions to prepare fire fighters for real-life operations – in a highly competent and professional manner. For technical assistance operations, we can provide the necessary practice vehicles.

- Training in respiratory protective equipment
- Heat accustomisation training
- Emergency training for respiratory protection crews
- Use of thermal imaging cameras
- Search and rescue techniques
- Group training for cellar fires
- Advanced seminar on fighting indoor fires
- Combined training options
- Individual training possible

We accompany you into a new dimension of safety

Sometimes you have to be prepared to take an unusual and creative approach to achieve your objectives, both all over the world and right on your doorstep. For instance, we leased an entire service and training centre to the German city of Brunswick, allowing all users of safety equipment in the region to share just one facility, thus saving costs.

Attend a course in one of our fire training galleries and learn to keep a cool head even in hot situations. Like thousands of your colleagues before you, practise how to respond in an emergency.

Training for Reality – with the Dräger Safety Academy.

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