



Dräger University
College of Operations
Maintenance Training Courses

SCBA
BG-4 REBREATHING
DETECTOR TUBES & PUMPS
GAS DETECTION PORTABLES
SUPPLIED AIR RESPIRATORS
LAR V MILITARY
LAW ENFORCEMENT
TRAINING GALLERY

Be Prepared to handle any Situation.



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We are ready!

The expression "Technology for Life" has more behind it than just excellent equipment. We understand the support required to be successful. Therefore, Dräger Training plays a major role in respiratory protection and gas detection equipment implementation. After all, equipment provided for life support and hazardous gas detection requires capable personnel for proper operation and service.

Every day Dräger technology is helping to rescue and protect people all over the world. Wherever safe breathing is difficult or endangered, Dräger's systems come to the forefront. Today, Dräger safety technology can be found wherever it is necessary to warn against dangerous substances and their effects - be it fire departments, industry and mining, rescue services, military or diving.

Dräger is committed to providing technical training courses designed to assist you in meeting your obligations of providing a safe environment with Dräger quality products and Dräger user and maintenance courses. The End User Training program provides information on the proper use, operation and maintenance of Dräger products.

The Technical Maintenance courses are designed to provide service personnel with pertinent maintenance information, as well as a more detailed explanation of Dräger product technology. Certification is provided for compliance documentation.

DRÄGER TRAINING'S MISSION

It is our goal to enhance the knowledge and proficiency of our customers on the maintenance and service of their Dräger products.

OVER A CENTURY OF RESPIRATORY AND GAS DETECTION EXPERIENCE GOES INTO EVERY COURSE.

- Open Circuit SCBAs
- Closed Circuit Re-breathers (BG-4)
- Supplied air respirators and escape units
- Detector Tubes and Pumps
- Single and multiple gas portable detection instruments
- LAR V military and law enforcement Re-breathers

Dräger training courses are offered at our locations in Pittsburgh, PA; Carson, CA; and Pasadena, TX. Instructors are also available to conduct on-site training at your location. For clarification purposes, Level 1 training is basic user theory and operation. Level 2 training is maintenance and testing of equipment.



Dräger gas detection instruments.

Wherever you are, whatever task you face, Dräger gas detection instruments combine fast and accurate gas detection with ease of use, calibration and maintenance. These robust instruments use the latest sensor technology to ensure reliable results.

The Dräger portable instruments can detect either a single gas or can be configured for multiple gas detection. The patented electrochemical sensors and compact, light-weight design make these instruments ideal for gas detection requirements in all applications and industries. Classes are customized to the needs of the trainees.

Benchmark for Safety Instruments

ST-108-2004



ST-758-2005



ST-7452-2007



ST-2428-2003



ST-67-2006



TRAINING DETAILS

- Gas Detection theory
- Major Components
- Types of sensor technologies
- Gas Detection measurements - PPM, LEL, TWA, STEL
- Alarm level conditions and symbols
- Removing and replacing sensors
- Bump Test and Calibration Techniques
- Using CCVision® to Calibrate

One day course covers up to two instruments.
Two day course covers up to four instruments



ST-2507-2005

Gas Detection Portables - Operation, calibration and maintenance course on portable instruments (PAC III, PAC 5000/7000, X-am 2000/5000, X-am 3000, X-am 7000, or MiniWarn).

Course is intended for all users. Course length is based on the number of instruments utilized.

Call our training administrator at 412 788 5532 to schedule a course.

Uncompromising safety.



Dräger BG-4 re-breather training for demanding, long duration tasks.

Long term firefighting, mining operations, handling of hazardous substances or long term respiratory protection can often only be dealt with economically and effectively if closed-circuit breathing apparatus are used.

The Dräger BG-4 four hour, closed-circuit breathing apparatus offers excellent breathing comfort, while the slight positive pressure in the breathing circuit protects the wearer by preventing the penetration of contaminants.

The BG-4, sometimes known as a rebreather with in the industry, features an ergonomically shaped carrying shell, well-padded waist belt and low weight for guaranteed maximum wearing comfort.

TRAINING DETAILS

Day One

- Course Introduction
- Theory of Operation
- Component Service
- Care, Maintenance and Disinfecting Methods
- Disassembly and Reassembly
- Testing and Troubleshooting

Day Two

- Preparation for Use
- Apparatus Preparation
- Donning Procedures
- Apparatus Doffing
- Service Recommendations
- Written Examination



D-16511-2009



BG-4/PSS BG-4 - Maintenance and service course on closed circuit, long duration oxygen breathing apparatus. Course is intended for Re-breather equipment users such as mining, military, police, fire service and hazmat applications. Course duration is two days. Call our training administrator at 412 788 5532 to schedule a course.

Answer the call with confidence.

Self-Contained Breathing Apparatus (SCBA) Training Level I

Dräger's leading edge self-contained breathing apparatus (SCBA) technology focuses on all the critical aspects of breathing protection. Dräger SCBAs have the advantage in five major areas: comfort, design, cost of ownership, safety and Sentinel technology.

SCBA LEVEL I

This course is designed to train the user in the operation and functional testing of the open circuit breathing apparatus allowing for a "hands-on" experience.

TRAINING DETAILS

- Course Introduction
- Theory of operation
- Component service
- Care, Maintenance and Disinfecting Methods



ST-2448-2003

Dräger AirBoss® Evolution Plus



ST-2448-2003

Dräger AirBoss® PSS 100



ST-134115-2008

Course offers proper donning and doffing techniques and is intended for all users.

Course duration is one day.

Call our training administrator at 412 788 5532 to schedule a course.

SCBA Training Level II



(PA 90/AIRBOSS EVOLUTION/PSS 100)

Maintenance and service course on open-circuit breathing apparatus. This course is intended for fire service, military, law enforcement, and safety personnel as well as industrial applications.

TRAINING DETAILS

Day One

- Course Introduction
- Theory of Operation
- Respiratory Selection Criteria
- Equipment Components
- Dräger Safety Respiratory Equipment
- Overall Description of the SCBA

Day Two

- Lung Demand
- Care, Maintenance and Disinfecting Methods
- Disassembly and Reassembly
- Lung Demand Testing
- Unit Testing
- Cylinder Valve

Day Three

- Troubleshooting & SCBA Testing
- Cleaning and Final Unit Check
- Cylinder Damage Evaluations
- Maintenance Schedules
- Written Examination

SCBA LEVEL II REFRESHER

This is a one day refresher course for Level II technicians who have already taken the SCBA Level II course and have not had a time lapse in their 2 year recertification. In order to participate in this one day training session, the Level II technician must have been certified/recertified in the past 2 years. Designed to upgrade Level II personnel to the current SCBAs and provide refresher training for those personnel who are due for recertification on the Dräger SCBA.

TRAINING DETAILS

- Review the theory of the SCBA
- SCBA Questions and Answers
- Testing and Trouble shooting Major Components
- Unit testing
- Maintenance Schedules and Test Equipment
- Written Examination

Courses are intended for personnel familiar with the basic operation of SCBA's and want the hands-on maintenance and testing capabilities.

Course duration is three days for level II and one day for level II refresher.

Call our training administrator at 412 788 5532 to schedule a course.

Dräger PSS 7000 Self Contained Breathing Apparatus

The Dräger PSS 7000 was developed with direct input from firefighters throughout North America by Dräger – the world's largest SCBA manufacturer – to meet the world's toughest NFPA 1981-2007 edition standards.

This is a three day maintenance and service course for Dräger's new 2007 NFPA compliant SCBA. The course is intended for fire service, military, law enforcement and safety personnel, as well as industrial applications.

TRAINING DETAILS

Day One

- Course Introduction
- Theory of Operation
- Component Service
- FPS 7000 mask

Day Two

- Lung Demand
- Care, Maintenance and Disinfecting Methods
- Disassembly and reassembly
- Lung Demand Testing
- Unit Testing
- Cylinder Valve

Day Three

- Trouble shooting and Testing
- Cleaning and Final Unit Check
- Cylinder Damage Evaluation
- Written Examination



ST-9-2019-2007



D-8772-2003

PSS-7000 SCBA Training - Maintenance and service course on Dräger's new 2007 NFPA compliant open circuit breathing apparatus.

This course is intended for fire service, military, law enforcement, and safety personnel as well as industrial applications.

Class duration is three days.

Call our training administrator at 412 788 5532 to schedule a course.

Supplied air respirator and escape breathing apparatus training.



Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's Supplied Airline Respirators (SAR) are among the most technologically advanced short duration and emergency escape units available.

The Dräger Supplied Airline Respirators (SAR) and Personal Airline Systems (PAS) are widely used within industries requiring cascade air supply with escape cylinder.

This two day maintenance course will cover daily, as well as, periodic maintenance for the PAS Micro, PAS Colt or the previous ALE Lite product.

TRAINING DETAILS

Day One

- Course Introduction
- Theory of Operation
- Component Service
- Care, Maintenance and Disinfecting Methods
- Hands on Training

Day Two

- Use of Test Equipment
- Troubleshoot, Repair and Test
- Written examination



SAR with escape cylinder SCBA Training - Maintenance and service course on open circuit escape breathing apparatus.

Course is intended for industrial and fire service applications.

Class duration is two days.

Call our training administrator at 412 788 5532 to schedule a course.

You can't always choose your mission but you can choose your technology.

Working underwater often pushes persons to the limits of their endurance. Therefore, it is not surprising that those working underwater need to undergo rigorous training, and only trust the best equipment. Equipment provided by Dräger.

The Dräger LAR V is an underwater breathing apparatus that is also known as a "rebreather" within the diving industry.

This is a three day maintenance course designed to give the technician a complete understanding of the LAR V including rebuilding the reducer.



D-16511-2009

TRAINING DETAILS

Day One

- Course Introduction
- Theory of Operation
- Component Service
- Care, Maintenance and Disinfecting Methods

Day Two

- Case and Harness Components
- Disassembly and Reassembly
- Pneumatic Components
- Breathing Loop Components
- Testing

Day Three

- Demand Valve
- First Stage Reducer
- Disassembly and Reassembly
- Troubleshooting
- Written Examination



D-8772-2009

LAR V Training - Maintenance and service course on closed circuit underwater breathing apparatus. Course is intended for military, law enforcement, and government personnel only. Course duration is three days. Call our training administrator at 412 788 5532 to schedule a course.

Trust your ability. And Dräger.



ST-135-2007



ST-372-2007



ST-15441-2008

Prepare responders for the unexpected.

Dräger offers the opportunity to learn, know and master dangerous real life situations without actually being in harm's way. The Dräger Training Gallery allows the user to experience emergency situations in a realistic, controlled environment.

DRÄGER SCBA TRAINING GALLERY

The gallery's maze is utilized for practicing maneuvers and sharpening reactions under conditions similar to those encountered in real life hazardous, confined space situations. Exercise equipment is also available for endurance testing. The training gallery is located within our Pittsburgh campus. Dräger training systems have been used for the last 20 years to train fire squads and other rescue crews.

Conditions are as near-to-life as possible, ensuring a training level that increases the safety of the rescue crew as well as that of those being saved.

Smoke systems, darkness, realistic noises and obstacles on the training course recreate conditions that reflect the stress of a real-life situation. In the training room, physical fitness and stress is measured and improved at different levels of difficulty using a resistance pulley, climbing facility and endless ladder.

Orientation is improved as first responders are trained in the maze room under real-life conditions. New test courses can be constructed using a range of variable and modular elements. Safety devices such as smoke extractors, monitoring cameras, position detectors and removable grids guarantee the safety of those undergoing training.

Progress can be continually controlled, monitored and analyzed in the control room. A safety switch immediately activates a smoke extraction system in the training rooms and switches off all training functions.



Customized mobile training galleries can be designed to meet your specific needs.

Make Test Equipment operation Easy with Dräger Training.

Fit Testing Basics

This course is designed to train personnel how to perform a quantitative fit test on Dräger equipment.

Course is intended for all users.

Course duration is one day.



PosiChek Testing Basics

This course is designed to train personnel how to perform a dynamic bench test of the SCBA and/or the BG-4.

Course is intended for all personnel who have successfully completed the Dräger SCBA Level II or BG-4 Level II course.

Course duration is one day.



HEADQUARTERS:

Dräger Safety AG & Co. KGaA
Revalstrasse 1
23560 Lübeck, Germany

www.draeger.com

SUBSIDIARIES:

Draeger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787-8383
Fax +1 412 787-2207

Customer Service
Tel 800 858 1737
Fax 800 922 5519

Technical Service
Tel 888 794 3806
Fax 888 794 3807

Draeger Safety, Inc.
650 Preston Road
Suite K
Pasadena, TX 77503
Tel 800 858-1742
Fax 713 589 0644

Draeger Safety, Inc.
22010 South Wilmington Ave
Suite 209
Carson, CA 90745
Tel 800 858-1739
Fax 877 833 9626