

PM Atemschutz

WE CREATE SOLUTIONS.



**RESEARCH &
DEVELOPMENT**



**SALES &
RENTAL**



**EDUCATION &
TRAINING**



**CONSULTING &
PRACTICE TEST**



**MAINTENANCE
& REPAIR**



**WORKPLACE
ANALYSIS**



**PRODUCTION
& LOGISTICS**

**YOUR PARTNER FOR
RESPIRATORY PROTECTION &
OCCUPATIONAL SAFETY**

COMPANY BROCHURE

www.pm-atemschutz.de

ABOUT US

PM Atemschutz is an owner-managed family business and is now in its second generation of management. Thanks to the philosophy of creating solutions that go far beyond the manufacturers' ranges, PM Atemschutz has developed into a specialist for respiratory protection, body protection and occupational safety over the past 31 years.

We are wholesalers, service and consulting partners and manufacturers. But first and foremost, we are your competent contact in matters of occupational safety and distinguish ourselves through competent advice and professional expertise.

PM Atemschutz stands for customer satisfaction, comprehensive services in the field of training, maintenance and repair as well as many years of experience in occupational safety.

Learn more about the background and the service portfolio of our family-owned company.

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Peter Mozga
(Founder & CEO)

THE COMPANY

FROM A SOLE PROPRIETORSHIP TO A FULL-SERVICE PROVIDER

PM Atemschutz has been your specialist for premium products and solutions in the field of respiratory protection, occupational health and safety and recognized specialist for blower respiratory protection for more than 31 years. Our many years of experience, our comprehensive services as well as our great consulting competence set us apart from the pure technical trade and offer our national and international customers from a wide range of industries a comprehensive range of products and services.

As an experienced specialist, we know: The requirements placed on products, processes and services are subject to constant change. That is why we are in close contact with our customers and manufacturers and constantly adapt our product range and service portfolio to the changing requirements, current standards and impulses of the market.



PRODUCTS THAT SAFEGUARD PEOPLE. WE CREATE SOLUTIONS.

WHOLESALE

Industry-specific expert advice

We provide expert advice to our customers as an independent wholesaler of premium safety products and a recognised specialist in blower respiratory protection.

PM SERVICE

Maintenance, training and repair

Complements the pure trade with education and training offers around the area of respiratory protection and fall protection as well as our expertise in maintenance, repair and rental of respiratory protection equipment and personal protective equipment.

DEVELOPMENT DEPARTMENT

Breaking new ground together

Research, development and production of own respiratory protection systems and solutions for the German and European market, 100% made in Germany.

ONLINE TRADE

Security around the clock

Our online store for PPE complements the distribution network and is available around the clock.

OUR HISTORY

■ COMPANY HISTORY

The company emerged from the sole proprietorship Peter Mozga Atemschutz und Entsorgungstechnik, which was founded in **1992**. The special field was the blower-assisted respiratory protection as well as the associated service tasks. In **1999** the sales activities were filtered out of the sole proprietorship and PM Atemschutz GmbH was founded. From then on, the sole proprietorship was only responsible for the service and maintenance area.

Thanks to the tireless commitment of the PM Atemschutz team, high reliability and strong consulting competence, the number of customers and areas of responsibility increased quickly and steadily. The move to the new company headquarters in **2001** at Willicher Damm offers enough space for further growth with 1,000 m² of office, training and storage space.

2007 Start of the development of customer-specific product solutions: PM Atemschutz increasingly recognizes the area of conflict between standard product solutions and customer-specific requirements and begins to develop its own solution concepts.



More and more often the market demands new products and special solutions, which are developed by PM Atemschutz in close cooperation with manufacturers, approved and manufactured according to the latest standards. In cooperation with government and research institutions, PM Atemschutz successfully develops new product solutions.

The increasing demand for intelligent respiratory protection solutions leads to the company's decision to focus more on its own product development. In **2011**, PM Atemschutz begins developing its own systems. In **2013**, it presents its own product developments for the first time under the name e-breathe at the largest trade fair for personal protective equipment, the A+A in Düsseldorf. Both development and final production take place at the site in Mönchengladbach. The company's own product line is characterized by high quality and innovation standards as well as by manufacturing and production "made in Germany". The aim is to establish and develop a fully comprehensive respiratory protection product portfolio.

2013 Entry of a new generation: With Maximilian Mozga and Michelle Mozga, the children of the company founders, the second generation joins the family business. They want to further expand the market position and lead PM Atemschutz into a successful future - with a clear focus on the values and visions of the family business.

In **2017**, the company celebrated its 25th anniversary and looks forward to further years of cooperative partnership with customers and suppliers. As an innovative and market-oriented company, we look forward to healthy further development entirely in the interests of our customers.

In **2021**, Michelle Mozga, daughter of the company founders, will take over the helm of the company together with her brother Maximilian Mozga and continue to lead it with passion and new ideas. In doing so, they will continue to focus on innovative approaches to solutions and on the specialist trade, which is a strong source of advice.

ABOUT US

■ NEW WAYS



In **2023**, new paths open up for PM Atemschutz. The move to the new company headquarters has taken place. This move marks an important milestone in the company's history and opens up exciting possibilities. In addition to promoting cooperation and creativity, it also increases the company's capacity options and allows the scope for exploitation to increase steadily thanks to additional expansion possibilities. The enlargement sets the course for the future expansion strategy and serves as a basis for creating new jobs in sales, service, research and development.

In addition to new office and storage space, new training rooms, a modern laboratory with extensive testing equipment to continuously monitor and improve the quality of our products, and an enlarged respiratory protection workshop were built on 2,600 m². These expansions enable us to offer our customers even better service and support and further strengthen our position as an all-round specialist.

Our new headquarters is the result of a clear vision that combines innovation, efficiency and sustainability. From the initial planning steps to completion, every detail was designed with the utmost care to create a working environment that fosters creativity and productivity, while at the same time fulfilling our

2023

responsibility to the environment. In doing so, we have made a clear statement in terms of sustainability and ecology. The entire building meets the Effizienzhaus 55 standard. This standard for sustainable construction stands for maximum energy efficiency and environmental compatibility.

Our headquarters features state-of-the-art technologies that minimize energy consumption and significantly reduce our ecological footprint. In addition to sustainable and resource-conserving construction, we place a special focus on forward-looking mobility, an energy-efficient building concept with a photovoltaic system, and the promotion of urban biodiversity through the creation of wild beds and green spaces. In addition, workplace design measures are an integral part of our approach, including a state-of-the-art fitness room and open space and garden design that promote the well-being and health of our employees.

We would like to express our sincere thanks to our customers, partners and employees who have accompanied and supported us on this journey. Our new headquarters is not just a building, but a promise for the future - a promise that we will not lose our passion for quality, innovation and sustainability.

OUR SERVICES

OVERVIEW

In terms of occupational health and safety, the challenges for occupational safety or management are very similar in every industry. In terms of employee health and safety, decision-makers and occupational safety professionals are challenged to create the optimal solution for their application. With regard to operational concerns, it is important to understand and correctly interpret both the applicable laws and the recommendations of the statutory accident insurance institutions.

It is common practice to obtain information about possible devices for solving problems from technical retailers or on the Internet and then to procure them. However, the available spectrum of different manufacturers and product solutions is large and complex. It is not uncommon for solutions to be implemented that do not cover all necessary aspects and, in the worst case, do not meet with the necessary acceptance from users.

We recognized this area of tension for decision-makers at an early stage and created the ideal solution for selecting the right protective concept and suitable personal protective equipment and respiratory protection system with our all-round service.



WORKPLACE ANALYSIS

RESPONSIBILITY FROM THE START

Responsibility begins with us right from the start. That's why our specialists in respiratory protection and occupational safety are at your side right from the start. During a personal exchange or an on-site inspection at your location and based on the assessment of the workplace and the results of the risk assessment, our technical experts work with you to determine the individual risk potentials in your company.

We support you in the preparation of your internal risk assessment and provide you with the required documentation from manufacturers and testing institutes:

- Declaration of Conformity
- Type examination certificate
- Manufacturer information

In addition, we assist our clients with hazard identification in the following areas:

- Design, selection and use of protective equipment
- Qualification and instruction of employees
- Exposure to the use of respirators and personal protective equipment

CONSULTING & PRACTICE TEST

WE KNOW WHAT MATTERS.

PM Atemschutz is a specialist in the field of **occupational safety**. In addition to our core competence in filtering and insulating respiratory protection, we focus intensively on providing complementary PPE components. These include **chemical protection, hearing protection as well as communication solutions, first-class fall protection systems, reliable welding protection as well as hand, eye and face protection**. Our comprehensive product range and expertise enable us to offer a holistic occupational safety solution and meet the specific requirements of our customers in various industries. Our experienced **occupational health and safety experts** are always on hand to provide advice. Our employees are specially trained to teach you all the legal requirements for handling personal protective equipment. In doing so, we cover - across all industries - the frequent changes in laws, regulations and standards.

We know what measures need to be taken to ensure the best possible occupational health and safety in day-to-day business or in the event of special challenges. In this context, **independent advice** is our top priority. Since safety and the protection of people are the focus of these products, the selection of personal protective equipment is only the first step: it is not uncommon for solutions to be implemented that do not cover all the necessary aspects or do not have the necessary certification and, in the worst case, are rejected by users.

PUTTING IT THROUGH ITS PACES - THE PM PRAXISTEST

Involving employees in the selection of suitable PPE creates greater wearer acceptance. Wearing trials and **practical tests** help in the selection of suitable equipment and avoid high costs due to incorrect purchases. Therefore, after our comprehensive consultation, we provide you with different systems for wearer trials by your employees and check together with you which systems fit your individual needs and circumstances.

CUSTOMIZED PRODUCT DEVELOPMENT

Do you have very specific requirements for your occupational safety products and need an individual solution? Our services go far beyond mere trading. More and more often, the market and customer-specific conditions demand new products and **special solutions**. In cooperation with our manufacturers and our own development department, we determine your individual needs and develop solution proposals, which we accompany from sampling to certification and production. Detailed information about our **research and development activities** can be found in the section „Research & Development“.



WORKPLACE ANALYSIS

Based on the assessment of the workplace and the results of the risk assessment, our technical experts work with you to determine the individual risk potentials in your company.



CONSULTING & PRACTICE TEST

Our qualified PPE consultants offer you professional and manufacturer-independent advice and work with you to determine solution concepts tailored to your needs.



SALE & RENTAL

We offer you the right protective equipment for your employees, for purchase or as rental equipment for individual and cost-effective use when needed with short-term availability and flexible useful life.



PRODUCTION & LOGISTICS

Our extensive central warehouse allows us to react flexibly to unforeseeable events and thus avoid bottlenecks. High availability, large storage capacities and optimized processes guarantee your security of supply.



TRAINING & INSTRUCTION

The high quality of personal protective equipment is only one component in ensuring safety in the workplace. Proper handling and care is just as crucial. Our training courses provide your employees with the necessary expertise.



MAINTENANCE & REPAIR

Professionally used PPE must be regularly maintained and inspected by competent and trained persons. Our trained and certified service employees check and repair your equipment according to legal and manufacturer-specific specifications.

SALE

■ OUR ASSORTMENT

We focus on quality, maximum protection and branded products that comply with European standards and directives as well as your personal requirements profile. Thanks to our wide range of suppliers, we are able to offer solution concepts tailored to your needs.

As an experienced specialist, we know: The requirements placed on products, processes and services are subject to constant change. That is why we are in close contact with our customers and manufacturers and constantly adapt our product range and service portfolio to the changing requirements, current standards and impulses of the market. In addition to our high-quality product range, we offer comprehensive services that round off our portfolio.

POWERED AIR RESPIRATORS

- Powered Air Respirators
- Powered Air Respirators EX
- Filter for Blowers
- Headpieces for Blowers
- Hood for Blowers
- Full Face Masks for Blowers
- Welding Headpieces for Blowers
- PAPR Protection Suits

INSULATING RESPIRATORY PROTECTION

- Compressed Air Hose Units
- Compressed Air Filter Stations
- Compressed Air Hoses
- Headpieces for Compressed Air
- Hoods for Compressed Air
- Full Face Masks for CA
- Welding Headpieces for CA
- Compressed Air Protective Suits

BODY PROTECTION

- Chemical Protection Suits
- Blower Protection Suits
- CA Protection Suits
- Gloves
- Safety Boots
- Protection Sets body protection
- Infection Protection Sets
- Agricultural Protection Sets

FILTERING RESPIRATORY PROTECTION

- Fine dust masks
- Half masks
- Full face masks
- Respiratory filter

HEAD, EYE AND HEARING PROTECTION

- Helmets
- Protective goggles
- Hearing protection & communication solutions

FALL PROTECTION / HEIGHT SAFETY DEVICES

- Safety harnesses
- Lanyard: Fall arrester and work positioning
- Anchor points & anchor devices
- Retractable type fall arresters
- PPEaF - (Fall protection sets)
- Accessories: communication solutions, helmets, hearing & eye protection

FRESH AIRHOSE DEVICES

- Fresh air pressure hose device

INSULATING EQUIPMENT

- CA breathing apparatus
- Container devices

ESCAPE DEVICES

- Filter escape units
- Oxygen self-rescuer
- Compressed air escape units

GAS MEASUREMENT

- Single gas detectors
- Multi-gas detectors

WELDING PROTECTION

- Welding protection & accessories

OTHER PRODUCTS AND SPECIAL SOLUTIONS ON REQUEST.



OUR PARTNERS / BRANDS

■ STRONGER TOGETHER.

e-breathe

3M | **SCOTT**
Fire & Safety

Dräger

Sundström

MOLDEx

INDUTEX S.p.A.

3M | **Speedglas**™

JSP

Honeywell
BW
Technologies

MILLA
SAFETY EQUIPMENT

CleanSpace®
RESPIRATORS

Spasclan

ASATEX

Lakeland

uvex

KIND

SKYLOTEC

3M | **DBI SALA**
Fall Protect

OTHER BRANDS ON REQUEST.

INDUSTRIES

■ SOLUTIONS FOR EVERY INDUSTRY.

We have been supporting customers from a wide range of industries for 31 years. In the process, we have found successful concepts and product solutions in the past, developed them customer-specifically, tested them and refined them until they were accepted by the employees. We know the specifics of the industries and we know: Personal contact, a consideration of the industry-related aspects and the selection of the right product solutions are the key to success here.

PHARMACEUTICAL / CHEMICAL INDUSTRY

The diverse work processes in the ever-changing environment of the pharmaceutical and chemical industry require a wide variety of PPE solutions. We help you choose the right solution when handling active pharmaceutical ingredients and chemical substances in the industry.

INFECTION CONTROL / HOSPITALS & MEDICINE

Only those who are well protected can help. To guarantee safety in official facilities, hospitals and in the medical sector, we offer comprehensive protective solutions tailored to the needs of the industry and provide comprehensive advice on intelligent solutions for personal protective equipment and infection control.

AGRICULTURE & AGRICULTURE SECTOR

The agricultural sector has long since become a firm economic pillar in our country and many farms are organized accordingly. Due to the increasing strain on employees, respiratory protection is also becoming more and more important.

CONTAMINATED SITE REMEDIATION & ASBESTOS ABATEMENT

Identifying potential health hazards is of paramount importance in contaminated site remediation. Applications that require the highest level of protection and safety for the user include, for example, work with asbestos. We recommend product solutions specifically designed for asbestos abatement.

METALWORKING & PROTECTION

From steelworks to aluminum smelters, from welding workplaces to lead recycling: noise, heat, dust and other hazards make working conditions extremely challenging. We understand the needs of users and work with you to create a safe working environment.

FIREFIGHTING & CIVIL PROTECTION

Best protection for our rescue forces & helpers. PM Atemschutz offers a range of products tailored for service in fire departments, authorities and disaster control. They consist of products developed to ensure maximum safety and functionality in critical operational situations.

PAINTING, COATING & WOODWORKING

These activities are carried out in large numbers in industrial areas. During painting and coating, your employees are exposed to paint sprays and solvent vapors. The air in woodworking stores is often very dusty. Other respiratory hazards include fumes from formaldehyde, adhesives, paints and solvents.

CONSTRUCTION INDUSTRY BUILDING & RENOVATION

The construction industry encompasses many complex work areas - exposing your employees to many hazards. These include head and eye injuries, risk of hearing damage, airborne contaminants, falls from heights and more. We can advise you on how to minimize employee health risks associated with complex work activities.

RENTING

■ TEMPORARY PROTECTIVE EQUIPMENT

Some situations, such as large construction sites or conversions, require respiratory protection equipment only for a limited period of time. Then it is sometimes more economical to ensure the health of employees with rented equipment.

In suddenly occurring exceptional situations, suitable protective equipment is needed at short notice in the appropriate quantity. PM Atemschutz is prepared for such situations and can also provide you with larger quantities as rental equipment. The inspection and cleaning of the equipment after use is an integral part of every order and is already included in the rental price.

To keep your operations running and protect you from downtime, we can provide you with low-cost replacements for the duration of repair and maintenance orders.

SERVICES & ADVANTAGES OF THE PM RENTAL SERVICE



COST EFFICIENT & TRANSPARENT

By renting your equipment, you save high investment costs and the associated capital commitment as well as costs for regular repair, maintenance and servicing of the equipment. You will receive a transparent invoice from us for the duration of the rental period, the consumables used and the spare parts to be replaced.



TRAINED HANDLING & INSTRUCTION

High quality personal protective equipment is one component of ensuring safety in the workplace. Just as crucial is the correct use and handling. Therefore, you will receive initial training and proof of handling of the equipment from us.



TESTED AND READY FOR USE

The equipment and its accessories are shipped in heavy-duty storage boxes to ensure safekeeping. The equipment is carefully inspected, serviced and disinfected prior to shipment to ensure that it arrives at your facility in ready-to-use condition.



FAST DELIVERY & ON SITE PICK UP

We keep a large quantity of devices and equipment permanently in stock and guarantee a fast delivery of the equipment. If necessary, we organize the collection of the rented equipment from your site after use (optional).



SPARE PARTS & CONSUMABLES

Matching the rented equipment, you will receive all necessary spare parts and consumables on request. We provide a quick supply in case of additional needs.



**SIMPLER AND MORE ECONOMICAL.
PROTECTIVE EQUIPMENT ON TIME.**



LOGISTICS

■ SHORT DISTANCES - WORLDWIDE

Our extensive central warehouse allows us to react flexibly to unforeseeable events and thus avoid bottlenecks. High availability, large storage capacities and optimized processes guarantee your security of supply.

In order to avoid failures due to long delivery times and supply bottlenecks of the manufacturers, as well as to compensate for fluctuations in demand, we maintain a **high level of stockpiling** and set up special stockpiles or special warehouses in consultation with our customers.

Thanks to extensive stocking, **dynamic warehousing** and optimized picking processes, we guarantee our customers short delivery times. This allows you to concentrate on your core business without having to worry about possible delivery bottlenecks.



Worldwide
WORLDWIDE DELIVERY

Availability
HIGH STOCKPILING

Delivery times
SHORT DELIVERY TIMES

Special bearing
FOR THE CIVIL PROTECTION

Our logistics solutions are key to ensuring your safety and business continuity. As your partner in occupational safety and health, we offer not only high-quality products, but also comprehensive services to meet your needs.

✓ HIGH STOCKING LARGE CORE ASSORTMENT

Our corporate philosophy places great emphasis on a reliable supply chain. For this reason, we keep an extensive stock and a broad core range of respiratory protection equipment, filters, and spare parts and consumables in stock at all times. This enables us to avoid potential supply shortfalls and ensure that our customers have access to the

✓ SPECIAL CAMP FOR THE CIVIL PROTECTION

We operate a special dedicated warehouse for disaster response, where we constantly keep respiratory protection equipment and supplies up to date. In case of natural disasters, accidents or other emergencies, we are ready to act immediately and supply life-saving equipment.

✓ CREATING CONNECTIONS, UNFOLD POTENTIALS

Our dropshipping service allows our reseller customers to focus on their core business while we take care of seamless order processing. We take over the logistical work and ship the products directly - in neutral packaging and delivery bill - to our customers' end customers.

✓ WE ARE THERE WHEN YOU NEED US - EMERGENCY MANAGEMENT

We understand that emergencies know no time of day. Our emergency pick-up service is therefore available for a short time in emergency situations to ensure that you can quickly access needed products in critical situations..

✓ COMMISSION WAREHOUSE / RENTING STORAGE SPACE



MAINTENANCE & REPAIR

■ OPTIMUM SAFETY FROM A SINGLE SOURCE

Your health and safety, as well as that of your employees, come first. With good reason, respiratory protection equipment is subject to care and maintenance specifications prescribed by the German statutory accident insurance (NR) and by manufacturers. The utmost care is essential for the safety of users and for **reliable**

operation of the equipment. As a manufacturer-independent provider, we therefore not only find the optimal product solutions tailored to your needs, but also stand by your side as a **competent partner** for **product maintenance and repairs**, ensuring that your products function perfectly at all times. Our service staff are specially trained and certified service personnel and have both the appropriate equipment and service software to take care of the care and maintenance of your respiratory protection equipment. As well as having the appropriate **authorizations from the manufacturers** to ensure long-term safety and reliability of the technology. They carry out the service and maintenance of your equipment in accordance with the manufacturer's specifications and the requirements of the German statutory accident insurance. Whether recurring inspections of personal protective equipment, its cleaning and disinfection or the filling of breathing air cylinders - **we are there for you.**



SERVICES OF THE PM SERVICE AT A GLANCE



✓ MAINTENANCE ACCORDING TO NATIONAL RULES & MANUFACTURER SPECIFICATIONS

✓ MAINTENANCE ON SITE OR IN OUR SER- VICE WORKSHOP

✓ AUTHORIZED AND CERTIFIED SERVICE PARTNER

✓ SERVICE BY TRAINED QUALIFIED PERSONNEL & EQUIPMENT

✓ PROVISION OF REPLACEMENT EQUIP- MENT IF REQUIRED

✓ DOCUMENTATION AND STORAGE OF YOUR REPAIR DATA

✓ INDIVIDUALLY COORDINATED MAINTENANCE PLANS

✓ COST ESTIMATE BEFORE REPAIR APPROVAL

WE REPAIR AND MAINTAIN

- Powered Air Respirator
- Breathing air hoses
- Headpiece, hoods, helmets
- Full and half masks
Other devices on request.
- Escape devices/hoods
- Self-Rescuer
- CA breathing apparatus
- Compressed air systems
- Fresh air hose units
- Chemical protective suits
- Breathing air cylinders
- Gas detection/ warning devices

BENEFITS

THROUGH A REGULAR MAINTE- NANCE AND REPAIR

...

protect yourself from failures, extend the life of your equipment and increase the manufacturer's warranty by up to 36 months.

ensure the functionality of the products and extend their service life.

you get the highest protection performance for you and your employees.

fulfill the legal requirements (according to §2 Section 4 of the PPE User Ordinance).



TRAINING & INSTRUCTIONS



■ RESPIRATORY PROTECTION

The high quality of personal protective equipment is only one component in ensuring safety in the workplace. Just as important as suitable and high-quality material is, in addition to correct use, proper application and care.

Regular training and instruction are required by the German Social Accident Insurance e.V. (DGUV) and according to §3 Para. 1 „PPE Use Ordinance“ (PSA-BV). DGUV Principle 312-190 „Training, advanced training and instruction in respiratory protection“ specifies corresponding training requirements, content and scope, as well as measures necessary for maintaining qualification. We offer corresponding respiratory protection training, instruction and equipment maintenance seminars. Recurring instructions are often carried out by multipliers within the company. The multiplier training imparts the necessary components for instruction including certificate preparation. Our qualified specialists attach great importance to clear presentations, a high proportion of practical exercises and detailed information material. Following the training, participants receive a certificate.

■ Respiratory protection training according to current legal requirements

The aim of respiratory protection training is to enable the user to put on and use respiratory protection equipment properly. He becomes familiar with the care of the equipment, knows the mode of action and properties of the equipment and is informed about markings.

tailor-made or modular

We regularly train various standards in prefabricated modules and, on request, also offer individual training courses that we tailor to your needs. For example, we regularly conduct courses specifically for equipment maintainers that deal exclusively with issues of maintenance and care of personal protective equipment.

Safety Trainings & Briefings:

- Basic instruction respiratory protection systems
- Training / advanced training filter devices
- Training / advanced training for insulating devices
- Training for filter/insulation devices
- Equipment maintenance seminars

SERVICES PM TRAINING

- Events online, on site or in our training center in Mönchengladbach
- Qualified personnel
- Trainings with certificate
- Customizable instruction and training
- Customization of PPE & Special Solutions



Online Live Trainings



On-site classroom training

You can find our current training offer on our website
www.pm-atenschutz.de

www.pm-atenschutz.de

TRAINING & INSTRUCTIONS



■ FALL PROTECTION

DGUV Principle 312-001 describes the requirements for the training of persons who must use personal protective equipment against falls from a height (PPE) in the course of their occupational activities. It describes requirements for the type and content of instruction as well as for the person providing the training or instruction. Practical exercises with PPE against falls from a height or rescue equipment are associated with hazards that go far beyond the usual level of other practical exercises. Therefore, persons performing such exercises must have special knowledge and skills. This includes, among other things, practical skills through regular use of the PPEgA as well as theoretical knowledge of the applicable regulations. The special instructions can be carried out either by suitably qualified employees of the company itself or by external trainers, e.g. from PPE manufacturing companies or corresponding training centers.

■ Fall safety training in accordance with current legal requirements

Fall protection training is crucial to ensure safety in the workplace, especially in occupations with an increased risk of falling. In special training courses, participants learn how to recognize and avoid fall hazards. They also learn how to properly use and maintain personal protective equipment against falls. In addition, training covers the use of rescue equipment and techniques in the event of a fall. The courses are generally suitable for anyone working at higher levels, such as on construction sites, in industry or in agriculture.

We offer safety training in the area of fall protection in cooperation with fall protection experts from the company 3M. Our training offer includes a wide range of standardized courses in the area of fall protection. However, we are also happy to offer customized programs, tailored to your needs.

Safety Trainings Fall Protection:

- Safety during work at height
- Basics and safe use of PPE
- Rollgliss product training
- Entry, working, rescue in confined spaces
- Rope access technique (FISAT)
- GWO and wind industry

TRAINING PERFORMANCES

- Theory: Theoretical part of the Fall Protection training can be accessed as e-learning at any time and any place or as theory training at your site or at the 3M training center.
- Practical part: At your site thanks to mobile training unit or at the 3M training center (Hamburg)
- Qualified personnel
- Trainings with certificate



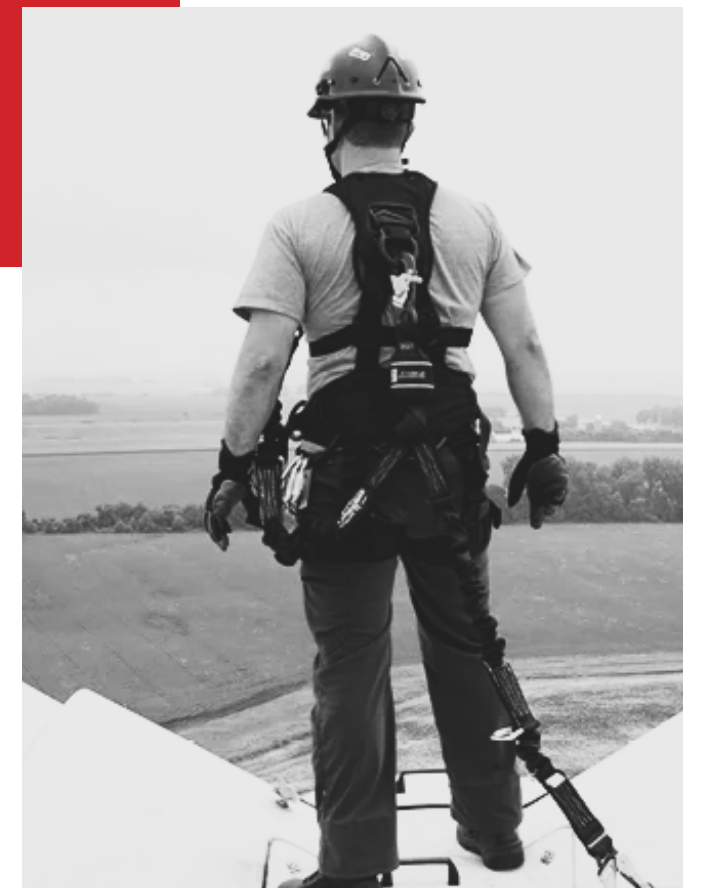
Online e-Learning (theoretical part)



Classroom training on site or in the Training Center

You can find our current training offer on our website
www.pm-atenschutz.de

theoretical and practical



RESEARCH & DEVELOPMENT

■ BREAKING NEW GROUND TOGETHER.

Because we are not satisfied with the status quo, we are always on the lookout for innovations and improvements. Our development department finds the best solution for individual problems. We take on contract developments and participate in the development and research of new respiratory protection solutions in individual and joint projects in cooperation with manufacturers, institutes, universities or our customers.

Product development

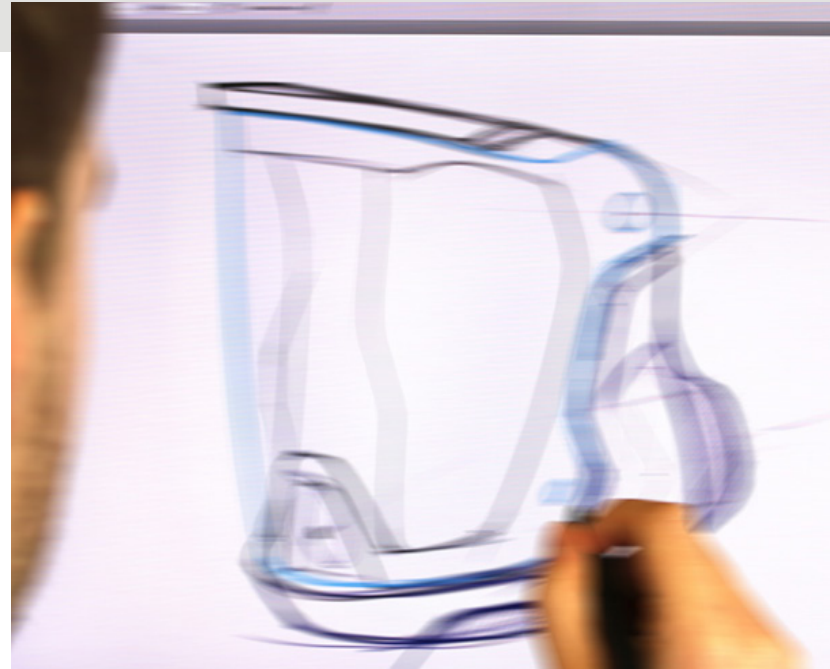
Construction

Prototyping

Testing & Trial

Certification

Production



DIVERSE EXPERTISE: STRONGER TOGETHER

Our team has diverse expertise from various fields, including mechanical engineering, industrial design, engineering sciences, electrical engineering as well as production technology and more. Our development team works closely with other divisions. The interdisciplinary collaboration between our product development and our service, sales and purchasing departments forms the cornerstone for better integration of customer feedback, market needs and efficiency in the development processes. This enables us to develop products that are not only safe and of high quality, but also meet our customers' needs and can be placed competitively on the market.

IN-HOUSE MAKERSPACE - WE MAKE IDEAS TANGIBLE

Our development processes are supported by state-of-the-art technology and in-depth expertise. We use advanced CAD design software, 3D printers, 3D scanners, laser cutters or vacuum drawing machines to create precise models and have state-of-the-art testing equipment that enables prototyping and testing. This combination of technology and expertise allows us to design and manufacture high-quality, safe personal protective equipment. Our in-house Makerspace is an important part of our development department in this regard. Not only does it foster creative collaboration and knowledge sharing across departments, but thanks to state-of-the-art equipment and devices, it gives us the opportunity to create demonstrators, prototypes, and functional models in-house in the shortest possible time to test, verify, and improve the functionality and efficiency of our development work.

In addition, we also offer our expertise as **contract development services**. With our development expertise and resources, we are also at your side for your own small projects from the idea to production.

RESEARCH & DEVELOPMENT

■ STRONG IN PARTNERSHIP

SYNERGIES AND COOPERATION FOR SUCCESS

Our partnerships are the key to success. We value the valuable partnership treasure we share with leading companies. This collaboration enables us to find the best solutions for our customers. By combining resources, know-how and experience, we create synergy effects that raise the quality of our projects and products to a new level. This has already resulted in exciting projects and product solutions in the field of blower-assisted full-body protection with well-known suppliers of protective clothing in the past. Our commitment to successful collaboration and creating high-quality solutions for our customers remains strong. We are always looking to expand our network of companies and experts to jointly develop innovative solutions and provide the best possible support to our customers.

Our experience to date has shown that synergy effects and the joint use of resources can lead to outstanding projects and product solutions. We will continue this approach in future partnerships to further enhance the quality of our projects and products.

We are open to new ideas, innovations and challenges. If you are interested in a partnership or would like to develop innovative projects in the field of personal protective equipment, please do not hesitate to contact us.

CUSTOMER-CENTRIC SOLUTIONS: YOUR SUCCESS IS OUR DRIVE

Our R&D efforts aim to develop products and solutions that not only meet current requirements, but also anticipate and address future challenges.

■ RESEARCH

Since 2012, PM Atemschutz has been working in collaboration with universities, institutions and joint partners from industry or the manufacture of personal protective equipment on research and development projects as part of the German government's safety research program, promoting the research and development of innovative protective equipment.

2023 - 2025

"Development of an innovative, multifunctional, automated test method and test rig for determining inward and outward leakage and other parameters relevant to the protection class of respirators."

2020 – 2023

"Development of a chemical protective suit with increased maneuverability for more efficient response concepts through increased autonomy of response forces."

2018 – 2020

Development of a novel, easy-to-use personal protective equipment for handling highly infectious patients to prevent infection among professional support staff (NeuPSA) in collaboration with the Robert Koch Institute.

2012 – 2014

Development of a blower respiratory protection system with novel performance spectrum through innovative mask technology, filter monitoring and intelligent operating condition control; development of an innovative respiratory mask, including novel sealing technology and optimized airflow conduction.

RESEARCH & DEVELOPMENT

■ BREAKING NEW GROUND TOGETHER.

OWN LABORATORY WITH CONSTANT GROWTH:

Our modern laboratory is constantly growing and is equipped with the latest testing equipment. This enables us to perform a wide range of **orienting tests** already in the development process or for external products and partners that meet the requirements of **EN and ISO standards**. Our experienced test engineers perform tests in accordance with the applicable norms and standards. In doing so, we not only test compliance with and fulfillment of the legal standards and guidelines, but also take a close look at the **application limits of the products** and functional samples in the development process and determine the point at which the requirements are no longer met in order to gain precise insights into performance.



INTERNAL AND EXTERNAL QUALITY AND ORDER INSPECTION

Our comprehensive internal inspection and testing procedures give us the opportunity to verify in advance whether products would be able to withstand the requirements of certification and successfully complete it. Our testing procedures are designed not only to ensure compliance with applicable norms and standards, but also to identify potential challenges that could arise in the certification process. This allows us to address any deficiencies and weaknesses early on and ensure that products easily withstand certification testing. Only after a product has passed our **internal quality and order testing** is the product handed over to an independent testing body or certification organization.

We also offer our orienting test and inspection procedures externally and carry out tests of respiratory protective devices according to EN 13274 part 1-7 and according to test procedure ISO 16900 part 1-14.

Please contact us at info@e-breathe.de for further information.

OUR VALUES

■ INDUSTRY ENGAGEMENT

Together we are stronger. For this reason, we are passionately committed to joining forces as part of the **Interest Group for Personal Protective Equipment (IVPS)**. As members of this association, we work intensively with other companies to drive the further development of the market for personal protective equipment (PPE). The IVPS offers member companies a communication platform and actively promotes exchange. The IVPS represents the professional interests of the member companies vis-à-vis national legislators and the European Commission.

In addition, we are proud to be a member of the DIN Standards Committee. In this role, we actively support the technical work of standardization of PPE by serving on working committees and boards. This participation allows us to contribute our know-how and experience and to learn from the transfer of knowledge and exchange of experience to ensure that PPE products meet the highest quality and safety requirements. Our active participation enables us to be informed at an early stage about the latest developments and trends in the PPE industry, which enables us to always provide our customers with the best possible advice.

OUR VALUES

■ SUSTAINABILITY

Beyond caring for the health of our customers, it is our concern to contribute to the preservation of the environment - we are committed to this. Sustainability is a decisive criterion in the selection of our product portfolio and in the production of our own articles. Responsible action begins on a small scale. If everyone pays attention to the respectful use of resources within the scope of their possibilities, a lot has already been achieved. We try to make our contribution and not only demand sustainability, but also fill the term with life.

ECOLOGICAL RESPONSIBILITY

We take numerous measures to reduce our energy consumption. For a visible and measurable statement, we rely on the power of the sun for our energy generation. That is why there is a photovoltaic system with additional storage on the roof of our company building, which supplies the entire building with energy. Energy generated in excess of our requirements is fed directly into the local power grid. In addition to a sustainable and resource-saving construction method, we place a special focus on future-oriented mobility, an energy-efficient building concept with air-to-water heat pumps, as well as the promotion of urban biodiversity through the creation of wild beds and green spaces.

SUSTAINABLE PRODUCT DEVELOPMENT & PORTFOLIO

When selecting our product portfolio, the consideration of sustainable options is a top priority. In this context, we are committed to the development of sustainable products in the PPE sector, promote sustainable product solutions and prefer products that are not only manufactured in an environmentally friendly manner, but are also durable and can be repaired. To live up to this claim, we invest in the qualifications of our employees and receive additional training from the manufacturer to enable us to carry out repairs expertly. These efforts not only help reduce our environmental footprint, but also ensure that our customers receive long-lasting and sustainable solutions.

RESOURCE CONSERVATION

Alle Mitarbeiter bei PM Atemschutz achten bewusst auf einen schonenden Umgang mit Ressourcen. Das beginnt bei der Beschaffung von umweltfreundlichen Arbeitsmaterialien und Maschinen, erstreckt sich auf den Verbrauch – wir drucken nur Notwendiges, vergeuden keine Energie und kein Wasser – und endet bei

■ SOCIAL RESPONSIBILITY

Social responsibility is a fundamental value that we uphold in our company. Responsibility towards our employees, the protection of the environment and our natural resources, along with economic development and the high quality of our products, are our guiding principles for sustainable corporate development.

Because we are aware of this corporate responsibility, we develop and support projects that have a positive effect on society and the environment. We support non-profit organizations, promote educational programs and are committed to environmental protection and sustainability.

We believe that social responsibility is not only morally right, but also contributes to the long-term well-being of our community and our world. It is our goal as a company to have a positive impact on the world and to promote a sustainable future for generations to come.

CONTACT

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