



At your side in the chemical industry

D-32072-2011

“If we want everything to run smoothly, we have to be able
to rely on our **safety concept.**”



Dealing with hazardous substances safely

Dealing with hazardous substances is a challenge you have to face every day. What makes this even more difficult in the chemical industry is the extremely high number of dangerous substances in their various conditions and combinations. Critical situations such as these require solutions that provide you with absolutely effective protection. This begins with a precise analysis of the dangers, to reduce stoppages and to protect lives.

Achieve shorter stoppages through regular maintenance

The economic viability of your plant is a further challenge. To maintain a consistently high level of plant accessibility while at the same time reducing the number of stoppages, you must be able to conduct maintenance and shutdowns efficiently and safely. Professional support for cost-effective maintenance, along with the safe reactivation of your plants and appliances, is an equally important factor.



Results-oriented solutions

To enable you to master your challenges as comprehensively as possible, Dräger provides you with a broad portfolio of gas-measuring devices, personal protective equipment and support services. Take advantage of Dräger's proven gas-measuring technology from tubes to single and multiple gas-measuring instruments to stationary devices that detect thousands of different hazardous substances. Give yourself and your employees all-round protection with respiratory protection, protective work glasses and protective suits from Dräger. For truly comprehensive protection, we can also offer you training, service and complete shutdown concepts in addition to protective equipment.

Discover how our consulting services can help you

We can support you with consulting and the right protective measures – whatever your individual needs are and whether you're dealing with standard issues relating to hazardous materials or large-scale plant projects. Dräger's service concept is made to measure to your requirements. We will be pleased to provide you with all-round consulting before you begin your project. You can rely on our shutdown, rental and device management to deliver rapid, cost-effective solutions. Dräger's handbooks and database services provide you with a wealth of additional useful information.

“We support you in **recognising dangers** – safely.
So you can take action with proper preparation.”

Stefan Dräger



Santiago L., 37, safety engineer

“When our staff and facilities are protected by appropriate measures, that gives us the safety we need during our working day.”

Stéphan B., 41, shutdown manager

“Restarting production at the plant went according to schedule and was a total success. Now production is running at full speed again.”



Peter R., 54, plant manager

“With Dräger as a partner, we were able to manage the production stoppage professionally without any unforeseen incidents.”

Safety for your facilities with stationary gas-measuring technology

Advanced sensors and robust measuring technology allow dangerous gases and vapours to be quickly and reliably recognised.

- Transmitters
- Sensors
- Evaluation systems
- Flame detectors

Protective equipment that's comfortable to wear and easy to operate

Your personal protective equipment provides you with safety during your working day. Wearing comfort and ease of use ensure that your employees will actually use their protective equipment.

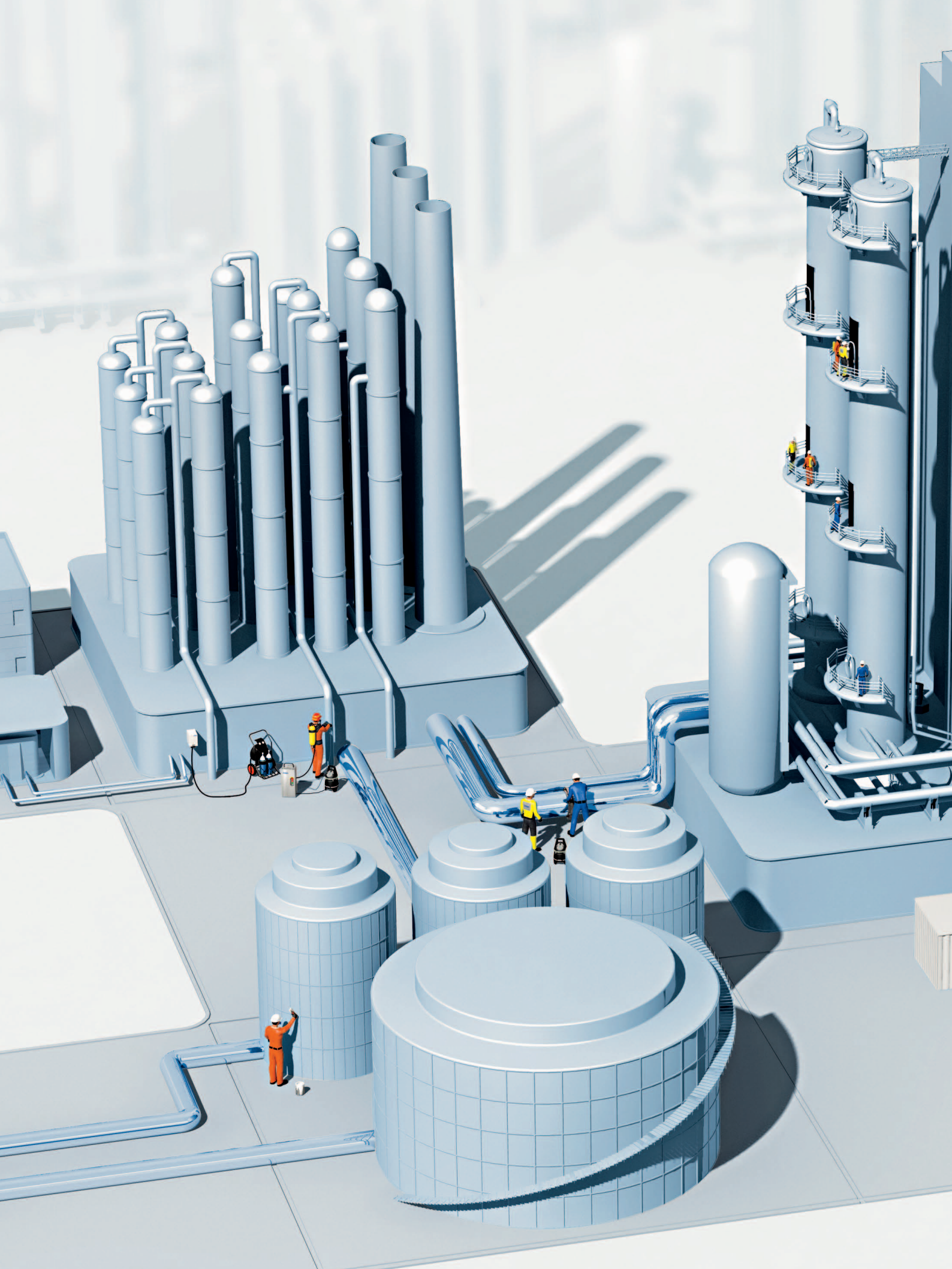
- Personal gas-warning devices
- Masks and filters
- Protective work glasses
- Escape devices
- Respiratory air supply
- Protective suits

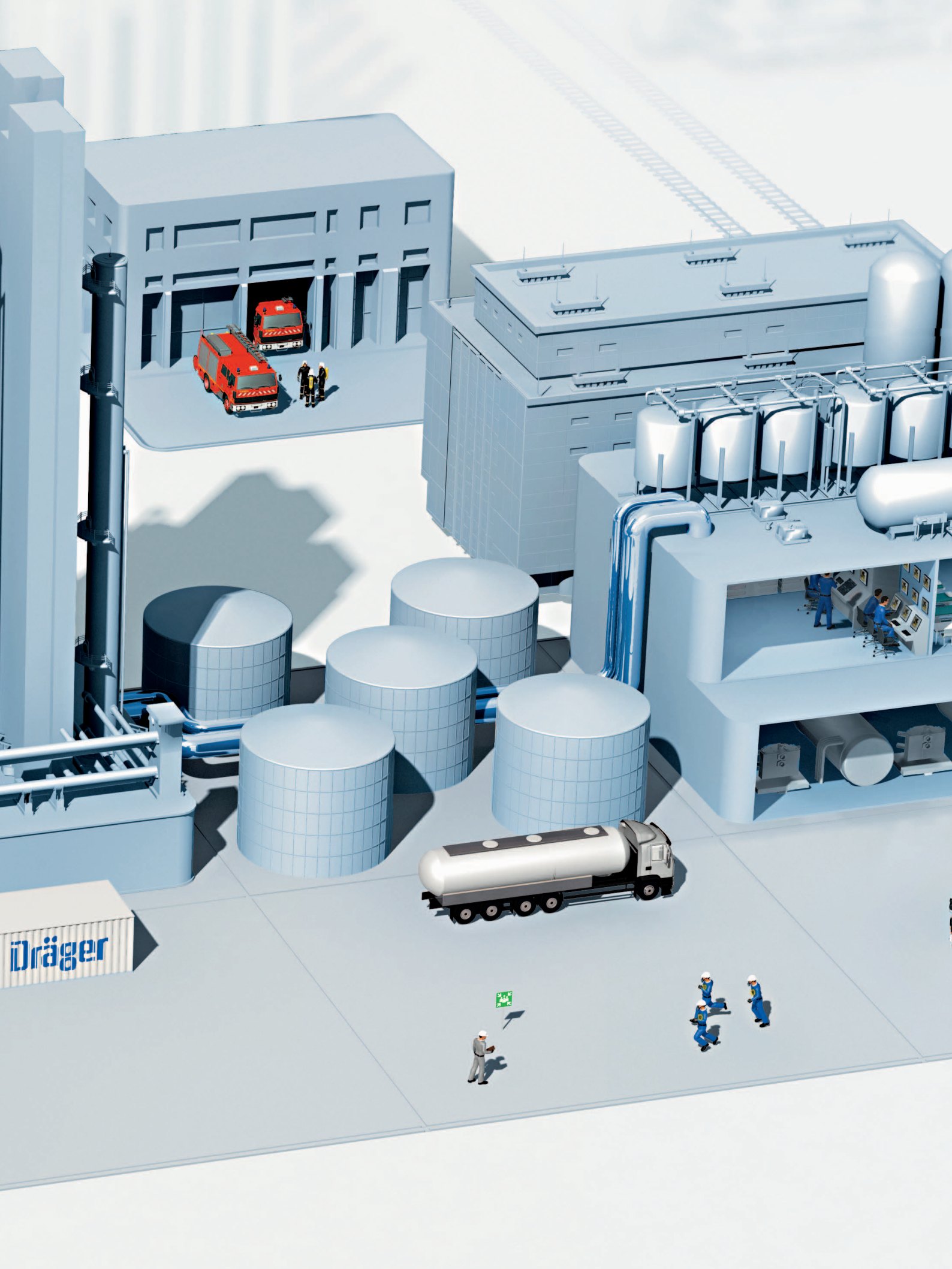
Maintenance for a safe working environment

Regular maintenance is important to ensure that your equipment, machines and working environment remain safe and to protect against unplanned stoppages.

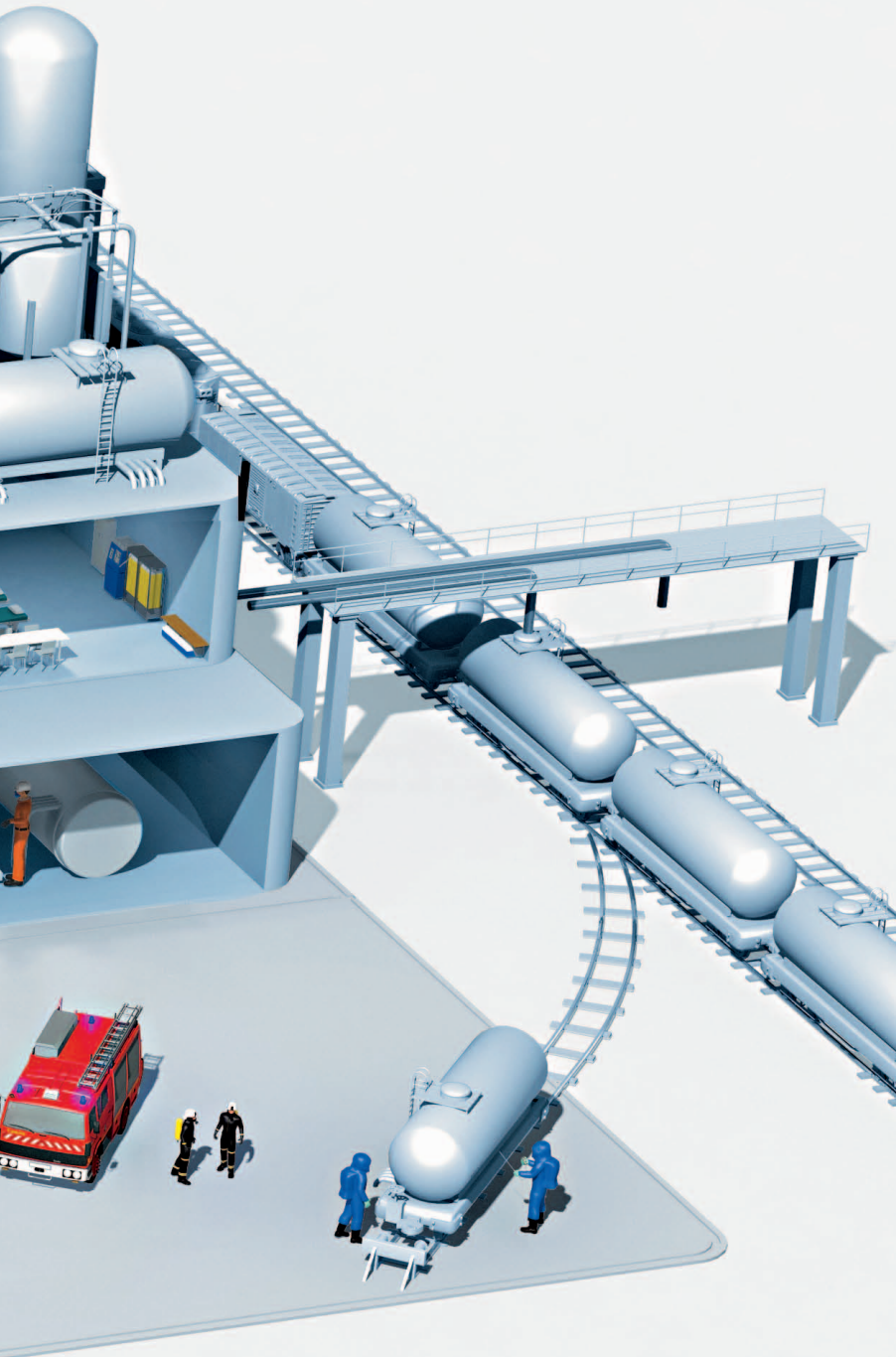
- Masks and filters
- Protective work glasses
- Mobile gas-measuring technology
- Protective suits
- Respiratory protection independent of surrounding air







Dräger



Optimal rescue and escape concepts for your business

The protection of your employees is your highest priority. We provide our customers with consulting to establish their requirements and to plan and implement rescue and escape concepts.

- Escape devices
- Respiratory air supply
- Oxygen self-rescuers
- Filtration systems
- Air locks
- Escape chambers/safe rooms

Target-oriented training and instructions for emergencies

Safety equipment and appropriate training are inextricably linked: it's only with regular training that you have the ability to react quickly and correctly in an emergency situation.

- Confined space entry training for working in cramped spaces and containers
- Usage training
- Fire extinguisher training
- Briefing and instructions

Reliable solutions against a multitude of dangers

The manufacturing and processing of chemical products is subject to a whole range of potential dangers. In this environment, you need products that offer your team all-round protection.

- Compressed-air breathing apparatus
- Compressed-air hose appliances
- Chemical protection suits
- Mobile gas-measuring technology

Optimal protection from chemicals

Rescuers risk their own lives to protect the lives of others. Therefore they deserve the best possible protection with perfectly coordinated components.

- Compressed-air breathing apparatus
- Respiratory protection masks
- Mobile gas-measuring technology
- Chemical-protection suits
- Helmets

“Dräger brought us safely through some difficult situations. They’ve been an impressive and reliable partner.”



Our solutions for your challenges

Effective solutions with all-round safety

The easiest way to prevent accidents is to make sure that your employees can concentrate fully on their work. To achieve this, Dräger provides you with a range of perfectly coordinated products and solutions, like the combination of chemical-protection suits and additional respiratory protection. Whatever your needs, we offer you the right respiratory protection system to ensure that you and your employees can breathe safely at work. Experience Dräger's reliable, effective technology – our devices are user-friendly and comfortable to use. Dräger's on-site training, perfectly adapted to your requirements, gives your staff the qualifications they need for all-round safety.

All the options you need to protect against hazardous substances

You're well equipped to confront hazardous substances with Dräger's gas-measuring technology. There are more than 200 Dräger tubes to measure around 600 dangerous materials. You can choose from more than 80 sensors for Dräger's measuring instrument range, so you are always prepared in the event of danger – and you can avoid costly false alarms. Our sensors have a long life cycle and short response times to help you reliably evaluate the dangers you face. What's more, Dräger's measuring devices provide targeted cross-sensitivity to give you reliable warning of an even greater number of substances.

Clear information helps you to help yourself

No matter how complex your challenges are, Dräger has an appropriate solution for you. Our service includes the Internet-based VOICE hazardous substances database, which provides you with information on 1,600 dangerous materials. You also benefit from brochures and online information and literature, while direct contact to our sales and service representatives offers you reliable support in a range of situations.

Professional safety for hire

In the event of a breakdown of your equipment or a short-term increase in demand, you can rely on more than 65,000 devices in the Dräger rental appliance pool. If you're dealing with shutdowns or major maintenance work in your business, we can ensure that everything runs smoothly by providing you with safety personnel for surveillance, protection or coordination. An on-site Dräger Safety Shop can provide you with uncomplicated support for large-scale projects. The Dräger Rental Robot is your reliable partner at any time of the day or night: it allows you to rent or return safety technology fully automatically.

Product and service portfolio

Workplace and usage consulting

Comprehensive sales network, online hazardous substances database (VOICE), basic knowledge regarding gas-measuring technology and personal protective equipment available online, consulting for the creation of escape concepts

Personal protective equipment and gas-measuring technology

Masks, filters, protective work glasses, protective suits, respiratory protection devices that are independent of surrounding air, escape (OR: evacuation) appliances, mobile and stationary gas-measuring technology, alcohol- and drug-measuring technology

Comprehensive service network

On-site device service, DrägerService workshops for service, maintenance and repairs; Dräger safety personnel (enforcement, surveillance, protection and coordination)

Hands-on training with the Dräger Academy

Instruction and tuition, usage training, maintenance of safety technology, online training

Efficient, made-to-measure rental service

Financing, rental appliances, Dräger Safety shops on site

Concepts for individual protection

Respiratory air supply solutions, escape concepts, stationary gas-warning systems, shutdown management

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