

Prominent visitor for BAUER KOMPRESSOREN MINISTER OF STATE ILSE AIGNER TOURS THE NEW PLANT



Heinz Bauer tells State Minister Aigner about his life spent in the service of his company.

On 19 June 2015 the municipality of Geretsried was awarded the title of “2014 Energy Transition Council” by Ilse Aigner, Bavarian State Minister of Economic Affairs and Media, Energy and Technology, for its exemplary activities in the field of energy. Despite her tight schedule, Minister Aigner took the time to tour the plants of BAUER KOMPRESSOREN and UNICCOMP as flagship examples of owner-managed companies in the region.

Heinz Bauer, the second-generation head of BAUER, and Roland Beckert, Managing Director of UNICCOMP, received Minister Aigner in the new plant cafeteria.

At the meeting, Heinz Bauer gave an eloquent account of the company’s history throughout the past decades, spanning his own career at BAUER from his graduation to the time when he handed over the reins to his daughter, Dr. Monika Bayat – now sole owner – and including plenty of interesting anecdotes along the way.

He received quite a surprise when he was about to explain to the Minister how a diving compressor works. Minister Aigner proved to be a fan of diving and demonstrated considerable technical knowledge in this specialist field, in which BAUER KOMPRESSOREN is the undisputed market leader.

On her subsequent tour of the UNICCOMP components plant, she was astonished at the extent of vertical integration at the plant, an aspect now undergoing further development after a 1.5-million-euro investment in additional



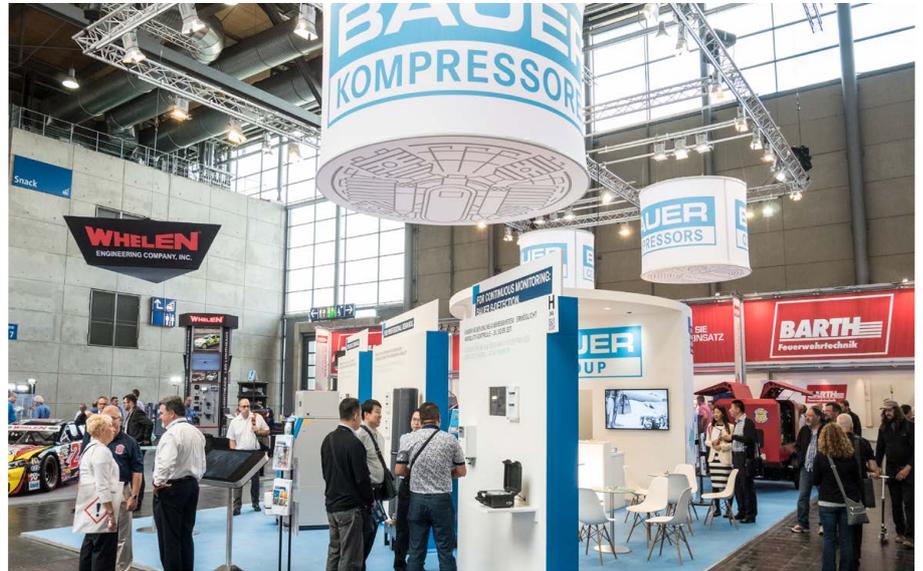
State Minister Ilse Aigner on a tour of the systems production facility at the new plant.

advanced production machinery. The highlight of the tour was the brand-new BAUER KOMPRESSOREN plant, which opened only this March. Minister Aigner was extremely impressed that the company had made further investments in expensive, but eco-friendly technologies to support the municipality of Geretsried in achieving its targets in the energy transition. Temperatures in the production facility are regulated by means of concrete core activation, a system that makes use of heat extracted from production processes or the outside air in an exemplary energy-conservation cycle. Ultra-modern energy-saving LED lighting has been installed throughout the plant. ■

Mission Safe Air BAUER AT INTERSCHUTZ

Early April 2015. The scene: Hanover Exhibition Centre. Sirens wail as a fire truck races towards a burning car and screeches to a halt. Firefighters leap out and extinguish the flames in mounds of foam. A few metres further on, clouds of dark smoke billow and flames crackle into the sky. Passers-by might take this for some kind of large-scale emergency response operation – but in fact, the incident is a series of product demonstrations in the activity area of this year’s Interschutz, better known as “Roter Hahn” (“Red Rooster”).

The world’s largest and most important firefighting trade show is held every five years and attracts members of the firefighting industry from every continent throughout the globe. As well as



The BAUER stand at the Interschutz trade show: Safe breathing air was the central topic.

product presentations, the trade show includes live events, demonstrations and competitions in which the best firefighting teams pit their skills against each other.

BAUER KOMPRESSOREN has a broadly focused presence at this major trade show, with its own internationally staffed large-scale stand. The stand contains numerous themed information islands where tailored solutions are presented for every need, from compact filling stations with external display for small-scale firefighting units to an ultra-powerful system with VERTICUS 5 filling station and B-SAFE safety filling system – offering effective protection against bursting cylinders or hoses for personnel. The bright red T-COM firefighting trailer attracts all eyes; fully equipped with compressor, storage capacity and filling unit, it is the equipment of choice for US firefighters that rely on autonomous mobile air supply for their long-distance response operations.

However, most of the firefighting teams visiting the stand are interested

in the “Air Monitoring” information island. Online measurement – continuous live monitoring of air quality during system operation by the new B-DETECTION series devices – is exactly what these specialist visitors need. After all, safety



Firefighting cranes in action in the outdoor area.



Volker Reymann from the DRÄGER team explains the BAUER B-SAFE safety fill system.



Using BAUER breathing air in firefighting in DRÄGER's live fire training unit.

is paramount, and breathing air is the most important part of a firefighter's kit!

This fact is also a central focus of operations by BAUER's strategic partner, the global company DRÄGER.

DRÄGER's Breathing Air Workshop features a complete ready-to-use BAUER filling system, comprising an AERO-GUARD for CO₂ extraction, a MINI-VERTICUS III breathing air compressor, high-pressure storage unit and B-SAFE safety filling system. In addition, a large-scale BAUER POSEIDON EDITION series compressor system delivers a secure supply of breathing air for filling respiratory equipment, which is then used on a respiratory training course.

Volker Reymann from DRÄGER gives visitors a tour of the Breathing Air Workshop, where the realistic setup shows exactly how firefighting equipment at a fire station is prepared for use and maintained afterwards. Angelika Sauer, his colleague in charge of planning these Breathing Air Workshops, demonstrates on a monitor how 3D software is used to customise the workshop to the needs and budget of a fire station or

firefighting training institution.

Nearby, a team assembled from trade show visitors and equipped with full masks and complete respiratory kits are working their way through the respiratory training course. Pre-incident training and preparation before emergency operations are the watchwords here; all respiratory device operators in a firefighting team must hold G26.3 certification and regularly complete respiratory training courses to prove they have the necessary fitness to perform their duties under severe physical stress. They are first directed to pedal on an ergometer for 15 minutes in full kit – including respiratory equipment – before tackling a course involving a labyrinth of narrow passageways. The stress is further increased by an ear-splitting backdrop produced by noise generators and by flashes of light cutting through the darkness. The course is fully monitored with a network of cameras, enabling the fire chief to intervene if necessary.

In the late afternoon spectators throng to the DRÄGER live fire training unit, where blue steel containers are

belching clouds of smoke. A large monitor screen enables the spectators to follow the actions of the firefighting team as they battle the fire (artificially fuelled by liquid gas) in the smoke-filled interiors of the containers – an enormously stressful situation. But the firefighters know they could rely unconditionally on the quality of their BAUER breathing air. ■

Aldebaran BAUER AIR IN RESEARCH

The famous research and communication vessel ALDEBARAN engages in numerous environmental conservation projects in its oceanographic activities. The ship has its own diving station, with a BAUER OCEANUS diving compressor to provide the diving teams with pure breathing air. The BAUER system was chosen because it offers the best com-



Aldebaran at work in the North Sea off Helgoland.

ination of excellent free air delivery rates and minimum footprint; its stainless-steel frame provides optimum corrosion resistance.

As the market leader in diving compressors, BAUER is committed to protecting our oceans. The company sup-



Aldebaran's divers engaged in research.

ported the purchase and installation of the compressor for this important project as well as the ongoing technical changes and adjustments necessary.

A recent research voyage proved to be particularly successful: Oceanographer Dr. Stephan Kremb from King Abdullah University (KAUST) in Thuwal/ Saudi Arabia isolated a highly effective substance against the HIV virus from brown algae found on the Mesoamerican Barrier Reef. The discovery, made during a climate change expedition by the ALDEBARAN research vessel, represents important progress in the fight against HIV. On their expedition to the coral reef, Kremband reef ecologist Christian Wild from the University of Bremen analysed various algae in search of medically active substances,

and found that extracts of brown algae contained an effective agent against the immunodeficiency virus HIV-1. Their breakthrough delivered further proof of the vital role of algae, sponges and soft corals in our search for new ocean-based medical treatments.

These extracts from reef-coral algae block the reproduction of various strains of HIV-1 virus by preventing the virus from docking onto cells. The research team will now begin their search for the molecules that inhibit the virus. ■

Heinz Bauer HEINZ BAUER'S 75TH BIRTHDAY

The second-generation captain of industry at the helm of BAUER KOMPRESSOREN has seen a life spanning three-quarters of a century and led his company to enormous success. Many might take an anniversary like this as an opportunity to step back and take things a little easier – but not Heinz Bauer. Although he has handed the management of the company to his daughter, Dr. Monika Bayat, he is still very much to the fore in technical matters and continues to provide the company with impetus for the future. He notches up mileage of legendary proportions on visits to BAUER's global subsidiaries, and he maintains contact with all members of the company, from staff on the production floor to top management. In keeping with his lifestyle, his 75th birthday was appropriately celebrated by a tour of BAUER's locations in Munich, Geretsried and Germering, together with the staff there.

At the Munich location, the company's employees presented him with a special BAUER climbing helmet, to protect the avid mountain-climber on his next excursions to the Alps. In Geretsried he was welcomed with further speeches and humorous sketches prepared by the staff.

As the high point of the event, an enormous portrait was unveiled which, at second glance, proved to be an intricate mosaic made up of hundreds of



Hats ON to Heinz Bauer!

photographs of employees. The whole company continued celebrating over traditional Bavarian specialities in the new works cafeteria. ■

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BAUER CALENDAR EXHIBITIONS

KIOGE	Almaty/Kazakhstan
Topic	Oil & Gas
Dates	06.10.-09.10.15

PCV EXPO	Moscow
Topic	Industry
Dates	27.10.-30.10.15