



Dear reader,

an important event of the bulk solid industry, the POWTECH, is over. We have attracted the attention of the visitors with a new concept and a generous stand. Especially a match at the soccer table besides the fair conversations evoke childhood memories to many visitors.

The trade fair showed that we are widely and well positioned with our range of products and attract great interest with them. We are confident that a good follow-up business will develop from the dialogues with our customers. From 30.9.2014 to 2.10.2014 we will attend again.

Yours  
Berthold Geppert



## Cartridge filter MPR in pressure shock resistant design for hybrid mixtures

While processing combustible dusts plant operators need competent partners who offer security in explosion protection. Infa Staub as one of the leading manufacturers of de-dusting solutions supplies suitable filters in explosion-protected design. For the filtration of sticky and lung-current, harmful or toxic dusts as well as suspended matters or powders with active substances (API) Infa Staub has developed the cartridge filter series Infa-Micron type MPR.

An extended risk potential is caused by hybrid mixtures that might result from solvent-containing substances in the pharmaceutical industry. It was now proved by explosion tests that the pressure shock resistant cartridge filter Infa-Micron MPR also copes with such extreme explosion conditions and can be operated safely.

The filter is equipped with constructive measures for explosion protection. Explosion overpressures of only max. 1 bar g can be measured inside the filter in spite of a closed design. A special flame filter is mounted inside to prevent flame spread to the clean gas side.

## The winner is ... Winner for the soccer table is determined



Not only exhibitors could be visited at the POWTECH 2013. At the stand of Infastaub, visitors had the possibility to take part in the competition "Quick exchange of filter cartridges", to find out how easily and fast filter cartridges can be changed at Infastaub systems.

Nine filter cartridges at a filter type AJP 224 P had to be removed and build in again without any tools. Many visitors were eager to take the challenge and showed a lot of ambition. A soccer table could be won by the fastest participant.

With a time of 1 min. 59 sec., Frank Tomasitz of BASF Pigment GmbH in Besigheim, Germany, was the fastest candidate. His "quick change" record is a remarkable time. The soccer table, which Tomasitz won, was ceremonially handed over at the premises of BASF on June 6th.



## De-dusting on an oil platform

An oil platform is like a squeezed, highly complex plant. There are departments like the conditioning of drilling fluid, halls for repair, for energy supply or for storing of material. The handling of bulk solids, e. g. cement, which are necessary for drilling fluids and for sealing of old oil fields is done here. Also off-shore the environment and employees have to be protected during handling of bulk solids and appropriate filter units have to be installed.



For a Norwegian plant manufacturer of oil platforms, Infastaub has already delivered several filter units of the type INFA-JET (AJN) for de-dusting of bag emptying machines. The pocket filters had to be designed in stainless steel due to the risk of corrosion by salty air. Because of little installation space on an oil platform, space-saving pleated filter elements had to be installed. This way a volume flow of 20 m<sup>3</sup>/min could be de-dusted with a filter surface of 16 m<sup>2</sup> per filter unit.

## Filter units for classifier plant



Company Gerlach Technology builds industrial plants for grinding, crushing, sieving etc. For an international company a new classifier plant for processing of perlite was commissioned end of 2012.

Part of the plant are various de-dusting units of Infastaub. For de-dusting of several double-chamber silos, loading silos and loading of silo trucks, pocket filters of series INFA-Jet AJN with 20-90 m<sup>2</sup> filter surface were ordered.

The entire project was under a tight time schedule and had to be carried out within a half year. Gerlach Technology was dependent on capable and reliable partners for realisation and decided therefore in favour of Infastaub as filter supplier.

## Infastaub training at Zippe

The construction of glass batch plants and cullet plants for the glass industry is carried out by the highly qualified engineers of Zippe. The knowledge about the technology of filter units provides Infastaub.



For two days Zippe employees of the technical and sales departments informed themselves about de-dusting technology of INFASTAUB units. Basics for the design of filter units to enable a smooth operation, were provided as well as practical know-how about maintenance and service.

# What is actually doing ...?

## Hans-Jürgen Hof Manager Sales Dept. back office



Hans-Jürgen Hof is active in the back office sales of Infastaub since 1993. Three years ago he took over the team management of the back office sales. In the course of his 20 year lasting activity for the company the today 54-year-old has participated in many projects. His duties are the preparation of offers, the support of the field sales as well as the coordination of the activities between field and back office sales. But also the development of cost optimal, technical solutions and special calculations of tailored filter units are part of Hans-Jürgen Hof's daily routine. Important work steps among others are the layout of filter units, the verification of critical parameters, e.g. explosive dusts, and the clarifying of possible technical layouts with the engineering department.

**I:** How did you come to Infastaub and what pleases you most at your work?

**H:** Since my education for a machine construction technician I work within the bulk solids industry. I was customer of Infastaub in this function and bought the filter units. Now I sell them.

I am dedicated to sales. The contact and the direct communication with our customers are very important for my daily work. Also the active support of my colleagues in the field sales is of high value for me.

**I:** Where do you turn your attention at your work?

**H:** These are for sure the criteria safety and function of our filter units. Especially the explosion protection, which has to be considered for many dusts and gases, plays an important role. We have therefore employed an expert for explosion protection last year, because we take this subject very seriously.

**I:** Where do you find the balance to your job

**H:** I find the balance to my more or less sitting work on the saddle of my mountain bike. Riding through the woods of the „Vogelsberg“ is pure relaxation. Important to me is also my activity at the NABU (German Society for Nature Conservation).

## Joachim Lamberti Production Manager



The activity for Infastaub started for Joachim Lamberti already as pupil. During the holiday time he was able to earn a little more pocket money in the letter's shop. But only in 1998 the 48-year-old communication electrician followed the call into the full-time position. His first duty was the pre-assembly of filter units. Later he took over the management of plant II (welding shop). Since 2011 he has the overall responsibility of the production. Therefore he has completed next to his job his training course as welding specialist in his spare time.

**I:** You have followed an exceptional way at Infastaub. How did you get a job as a 14 year old boy in the production?

**L:** My father had a fitters shop and was subcontractor for Infastaub. Employees of my father worked directly for Infastaub from time to time, sort of temporary staff. This way I already was indirectly involved in the production of filter units and could finance my hobby with my holiday job.

**I:** This sounds like a cost intensive leisure activity.

**L:** The well-known and especially among horse enthusiasts familiar saying „The greatest happiness on earth is sitting in the saddle of a horse“ applies to me, too. I practised the hobby in younger years very intensely. This required some extra pocket money. Today I am also passionate about riding my motor bike and taking pictures - preferably horses in action on the race course.

**I:** Back to work. How does your typical day look like?

**L:** Usually it starts in the welding shop with the preliminary inspection of orders to be processed, monitoring and material purchasing. The work flow is similar in the assembly plant (plant I). However, the communication with the colleagues of other departments comes along there, too, because plant I and administration is located in the same building.

**I:** What are the daily challenges at your job?

**L:** I see myself as mediator between production and administration, especially with the technical department. Team work is very important just in this division, because the order verification of our series filters and customer specified filters are among my duties.

# Infa-Inside

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