



Dear Reader,

the upcoming new year is always suitable for a review of the year now behind us and to make an outlook on the forthcoming. This applies for private and business equally. The inventory of Infastaub shows again a successful 2015.

We are proud of the achievements and projects which have made our company to what it is today. Competence and reliability are thereby bases of our work. We keep on working on it to expand our market share. However, without you we would not have achieved that. Therefore we would like to thank you for your trust. We look with full confidence into a successful future and are pleased about realizing further projects.

However, a company is only as good as the employees are qualified and motivated. We work on both continuously. All of that is possible, only because of dedicated and loyal colleagues who have families supporting them. We don't forget that. Therefore our special thanks are also addressed to them.

We look forward to a cooperative and constructive partnership in 2016.

Me and the whole company joins in wishing you a happy holiday season and a prosperous New Year.

Yours

Berthold Geppert



Steel production with Infastaub pleated element filter INFA-LAMELLEN-JET AJL

Beside of agriculture, the coal-mining and the steel-industry are the most important industries in the Ukraine. The heart of Ukrainian steel industry is around the city of Krivoj Rog. The biggest Ukrainian company, ArcelorMittal Krivoy Rog, is settled there with approx. 37,000 employees. The smelting plant is part of the ArcelorMittal group and has an annual capacity of more than 7.8 million tonnes of raw iron, about 7 million tonnes of steel and 6 million tonnes rolled material.

Until 2020, 1.2 billion US \$ shall be invested in modernizing the iron-works. The investment programme encloses beside the production optimisation also a number of environmental investments. They will improve the air quality in the region of Krivoj Rog. Part of the investment programme are e.g. eight Infastaub pleated element filters which were ordererd through the Ukrainian partner of Infastaub "Obshemashkontrakt".

The dust removal (coal dust) of different hand-over points of conveyor belts before feeding the blast furnaces is carried out with filter systems type Infa-Lamellen-Jet AJL which are, depending on the size, designed for volume flows from 5,000 to 32,000 m³/h. The separated coal dust is returned to production via rotary valves and screw conveyors. The necessary electric heating of the filter housing including thermal insulation was mounted on site. Design temperatures of down to -40°C made this measure necessary.

The filters were designed according to the existing explosion protection zones. In the raw gas area of the filters a usual ATEX zone 20 was identified, because the separated



coal dust is present constantly in an explosive dust/air mixture. ATEX zone 22 was identified for the clean gas side and around the filters. As explosion protection strategy constructive explosion design was determined, i.e. all aggregates are made for pressure shock resistant construction with pressure relief via rupture discs. The additional necessary explosion decoupling prevents spreading out a possible explosion into connected aggregates.

The jet pulse cleaning of the pleated element filters is controlled by differential pressure. Thus, a continuous operating of the entire plant is assured during conveying process.

The order of four further pleated element filters for the steel works of ArcelorMittal Krivoy Rog is already awarded to "Obshemashkontrakt".

Infa Staub filters certificated for import into the Eurasian customs union

The export into the Eurasian federation, which is a customs union of Russia, Byelorussia and Kazakhstan, is impeded by lots of bureaucratic obstacles. For import of filters into this federation the declaration TR TS 010/2011 is one of the most important documents.

The „technical rules“ were introduced for different industries and products and define general safety requirements. In many industrial sectors they correspond to international norms and standards. However, importers have to licence their products in a special approval procedure.

Infa Staub had certificated its products already according to directives GOST-R and was engaged

early in the demands of the new regulations TR. The conformity evaluation is finalized with which Infa Staub filters may have the prescribed labelling of the customs union (EAC identification). There is no obstacle to export certificated Infa Staub filters to Russia, Byelorussia and Kazakhstan.

Our sales engineers are pleased to support you concerning the import of our filters in the Eurasian customs union.



Electric car for Infa Staub car pool

Filters of Infa Staub protect the environment and ensure good air. Electric cars also do. Hence, it is obvious that Infa Staub complements the car pool also with electric cars.



It looks trendy, the Renault ZOE, which consumes only approx. 14 kWh per 100 kilometres and has a range of up to 200 kilometres.

Therefore the electric vehicle is suited very well for shuttles between the Infa Staub plants in Bad Homburg and Oberursel which are undertaken several times daily by Joachim Lamberti, head of manufacturing. With a one-way distance of two kilometres the ZOE is able to drive back and forth up to 50 days without being charged.

„Our products reduce dust emissions. Responsibility for environment is Infa Staub's worth-based maxim. Very soon we contribute a little to reduce the ecological footprint and lower harmful emissions by driving an electric car“, sums up Berthold Geppert, general manager at Infa Staub.

Individual training for EMDE technicians

What has to be taken into account when collecting dust? How important is explosion protection? When do filter units need to be cleaned?

Answers on these and more questions were given to 20 engineers and technicians of „EMDE Industrie-Technik“

by sales man Torsten Uhrig.

EMDE has made use of this opportunity of Infa Staub repeatedly and again skilled their employees on practical and theoretical knowledge of de-dusting and when dealing with filter units.

Silo filter INFA-JETRON AJP now in stainless steel

Motivated by the strong market resonance Infa Staub has extended the filter series by a stainless steel design.

INFA-JETRON AJP 224 silo filter are fully automatic venting filters for de-dusting of exhaust air from silos, containers or machines. Filter units of this series are generally suitable for all needs, where a dust/air mixture continuously arises over a long period of time, e. g. for de-dusting of mechanical transport and manufacturing processes.

Motivated by the strong market resonance, Infa Staub has extended the filter series by a new design. All parts in contact with the product and also the clean gas side can be manufactured in stainless steel. This qualifies the filter units in particular for the food, chemical, pharmaceutical and plastics industry. The filter elements are food safe according to EG 1935/2004 and EG 10/2011.

The pneumatic cleaning and high filtration performance of the AJP provide a very low residual dust content, also suitable for returning the exhaust air back to working places. The long life time and unique maintenance friendliness realise low costs for spare parts and maintenance.



What is actually doing ...?

Torsten Uhrig
Sales office
Central



Originally Torsten Uhrig is merchant for wholesale and foreign trade. His first career jump brought him to a company for woodworking machines. There he worked as purchasing manager for four years before he changed sides and started working in sales department. After working at two more companies, the 47-year-old Hessian came to InfaStaub in 2007 and took over the sales area Central.

What were your motives to change from purchasing to sales?

Naturally the view of a purchasing manager is different from the view

of a sales man. Sales wants to / has to sell - purchasing doesn't want to / may not spend a lot of money. My career in purchasing was very exciting, but I rather saw myself on the opposite side of the table. Of course I take advantage from my experiences in purchasing in my today's position.

What is your typical day like at InfaStaub?

Well, there aren't many differences in my tasks compared to the tasks of my colleagues from the sales force who were already introduced in the Infa-Aktuell newsletter. I also work from my home office. However, due to the physical proximity to Bad Homburg I have the advantage to talk to my colleagues at short notice. The direct communication with my colleagues from the technical department, sales office, order processing etc. is very important to me. Often it is easier and faster to settle things personally

than via emails.

Also you are always involved in the fair stands of InfaStaub.

Yes - we have two to three trade fairs per year and I am always scheduled for stand attendance. Fairs are always very exciting. In a very short time it is possible to get in contact with many people.

Just supposing you were given three wishes. Then ...

... I'd like to have snow the entire year so I don't have to store my snowboard in the basement.

... I would retire with 60 to have more time for sports.

... I wish that my family keeps well and fit and we can celebrate the 100th birthday of my grandmother in three years.



Infa-Inside

Good condition of Infa Staub employees

As already the last two years all running enthusiasts who work at companies in Bad Homburg have measured their sport level. On 02.09.2015 more than 1,200 runners from 100 companies started for the five kilometres long distance of the „Bad Homburg runs after work“ challenge.

The run also did something good: Part of the start fee was donated again to the „Leberecht foundation“, which supports handicapped

children and their relatives.

Nine runners of Infa Staub started at the challenge. Michael Graf improved his time from last year by almost two minutes and crossed the finishing line after 0:19:59. That was enough for the 33rd place. In the field of company groups the team with Michael Graf, Jens Kampmeyer and Klaus Schott resulted on the 14th place.

Afterwards the results were celebrated at the open-air party.



Full house at the Schüttgut in Dortmund



In the nine years of its existing the trade fair Schüttgut has established itself as fix appointment for the industry. Beside the POW-TECH the fair has grown to one of the most important events for bulk technology. Actually more than 450 exhibitors take part.

Infa Staub is represented at the SCHÜTTGUT since 2008 and has accompanied the growth of the fair. Also this year proven solutions and innovations of the Infa Staub filter

programme were shown.

Within the interesting lecture programme of the „Innovation and SolutionCenter“ Jens Kampmeyer, head of Sales, reached a wide audience with his lecture „Why does my filter not work? Factors which have an impact on the operating behaviour of surface filters“. The numerous visitors showed that Kampmeyer stroke an important nerve of the industry.



Summer party in plant II



It is already tradition that Infa Staub has a summer party on the company premises and celebrates together. This year the summer party was rescheduled into fall and took place at the new halls of plant II.

A burger truck treated the Infa Staub employees with culinary American specialties. The evening leaves nice memories and already great anticipation on the upcoming company christmas party.

First time at the IFAT in München

Together with the VDMA and seven further VDMA member companies, Infa Staub will exhibit next year at the IFAT in Munich, the world's leading trade fair for environmental



technologies. The claim „Air pollution control is value added! Preventive. Integrated. Recovering“ stands for the innovative technical solutions of air and de-dusting technology.

Next to the joint stand the theme park „Live Garden“ will make air

pollution control a true experience. Important subjects of the air pollution industry are presented in a visual and exciting way to the fair visitor.

The joint stand is located in hall B3. The fair opens its gates from 30.05.2016 to 03.06.2016.