

INGEDE Working Group Deinking Process meets in Kriebstein



Members of the group in the control room of the stock preparation

INGEDE's working group Deinking Process held the spring session in Kriebstein from 20 to 21 May 2014. Seven INGEDE members met in the mid of Saxony to discuss ongoing INGEDE topics.

The host Kübler & Niethammer Papierfabrik Kriebstein AG produces 100 000 tonnes per annum coated paper for heatset and coldset (light and superior quality) made of 100 % deinked pulp. Several years ago it was decided to change from newsprint production to coated paper products. Recently white top testliner supplements the portfolio.

The statistics, ash control and sensors, entry inspections, the conditions for ecolabel applications ("Blauer Engel"), the INGEDE SWOT (Strength-Weakness-Opportunities-Threats) analysis and the water circuit concepts of the members were the main topics in the 2 days sessions.

The mill in Kriebstein was formerly a rental object by the friends Fritz Kübler and Albert Niethammer in 1856. They purchased the mill and founded their own business. The Niethammer family re-owned the mill site in 1990 and invested together with other associates. Together with the neighbour mill

"Wepa" 300 people are employed today. The mill tour guided by Jürgen Ullmann and Georg Besold allowed the group to ask comprehensive questions on the process and to have a close look on seldom seen Escher Wyss flotation cells.

INGEDE thanks Kübler & Niethammer for hosting the group. The next meeting will take place in November, the venue is not yet defined.

Anne-Kathrin Kuna

CALENDAR OF EVENTS

2 June 2014
Technical Committee Deinking
 Stuttgart, Germany

24–26 Jun 2014
Zellcheming Expo
INGEDE booth C61
 Frankfurt a.M./Germany

9 Jul 2014
EcoPaperLoop Seminar
 Sopron, Hungary

29 Jul 2014
INGEDE Project 144 14
 INGEDE-DPDA Project 2,
 Ink Study
 Munich, Germany

In this issue:

- | | |
|--|---------------|
| Blue Angel criteria revised | page 2 |
| CTP-PTS Deinking Symposium | page 2 |
| EcoPaperLoop Seminar in Sopron, Hungary | page 2 |

ZELLCHEMING-Expo 

Visit us at
ZELLCHEMING-Expo:
 From 24 – 26 June 2014
 in Frankfurt a.M., Germany

INGEDE booth C61,
in the center of hall 11



Blue Angel criteria revised



The “Blue Angel”, officially named “RAL-Umweltzeichen” is the oldest ecolabel, established in 1978. It covers all types of consumer products. In the paper industry it is well known for recycled papers (RAL-UZ 14; based on 100% paper for recycling), recycled board (RAL-UZ 56; based on 100% paper for recycling), publication papers (RAL-UZ 72; high content of paper for recycling), hygiene papers (RAL-UZ 5; based on 100% paper for recycling) as well as for some speciality papers. The Blue Angel’s philosophy is to honour only the best of the good ones, therefore the criteria become stricter with

every revision, which takes place in a five-year rhythm. The main technical change in the last revision is a restriction in the use of mineral oils. Paper making additives should not contain aromatic hydrocarbons containing 10 or more carbon atoms as well as aliphatic hydrocarbons with less than 10 or more than 20 carbon atoms. In the past it was relatively easy for final products to achieve the Blue Angel - the most important criterion was that the paper board used has to bear the symbol already. Now the printing inks used must not contain the same hydrocarbons as the paper making additives. In addition, the products have to be deinkable according to the ERPC Scorecard. This revision process took place in late

2013, the new criteria came into effect in January 2014. Licensees of the previous criteria have to re-apply until end of 2014. In May 2014, activities started to establish a new Blue Angel for printed products. Also here the mineral oil discussion is the major driving force. Three workshops for representatives of the paper value chain took or will take place during May in Hamburg, Gießen (near Frankfurt/Main) and Berlin introducing the concept and contents and collecting opinions and statements of the audiences. During summer the criteria will be developed. In autumn an official hearing is planned at which further comments can be raised. It is foreseen that the new Blue Angel on printed products will become effective in early 2015.

Andreas Faul



PTS-CTP Deinking Symposium held in Munich

With the slogan “Sustainable future with paper for recycling” the 16th PTS-CTP Deinking Symposium took place in Munich on 13 and 14 May. 109 participants attended the presentations dealing with the topics Market and Trends, Ecolabels, Quality of Paper for Recycling, Treatment Technology, Sticky

Control and Digital Printing. In the field of quality of paper for recycling Andreas Faul gave an INGEDE presentation with the title “Deinking Grades of Paper for Recycling – What determines the quality?”.

Christian Trieb



EcoPaperLoop Seminar on 9 July 2014 in Sopron, Hungary

A seminar for recyclers, printers, publishers or agencies as well as packaging converters or representatives of administrations dealing with paper and packaging collection. Venue is the University of West Hungary, Faculty of Wood Sciences, Paper Research Institute, (UWH/FWS/PRI). The programme starts at 9.00 h and ends at 17.00 h. Details on topics and speakers will be online within the next few days. Please see www.ecopaperloop.eu.

