

**21th INGEDE Symposium
8 February 2012 in Munich**



INGEDE

**International
Association of the Deinking Industry**

**INGEDE Working Group
Recovered Paper Quality**

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**Meetings
of the Working Group**



- 5–6 April 2011 at Langerbrugge, BE
 - Visit of the Stora Enso sorting plant at Langerbrugge
 - Meeting at Langerbrugge mill
- 28–29 Nov 2011 in Vienna / Ortmann, AUT
 - Visit of a Bunzl & Biach sorting plant
 - Meeting in SCA Ortmann
- 17–18 April 2012 in Switzerland
 - Meeting at Perlen Papier
- 27–28 November 2012
 - Meeting place is still open

Visits at the Meetings



Belgium

- **Langerbrugge's RCP sorting plant on site**
- Producing in a 24/7 scheme with a feeding up to 60 t/h
 - Mill can generate up to a third of its fibre demand

Austria

- **Facilities of Bunzl & Biach (SCA) in Vienna**
 - It provides a major part of secondary fibre material for the two Austrian SCA mills. The visited site is specialized on grades needed for the production of hygiene papers
- **Visit of the Ortmann mill**
 - Production of toilet paper, napkins and some other end consumer hygiene products

Main topics at the Meetings /1



- **Quality control at sorting plants**
 - Why do we accept non controlled RCP?
 - How can we encourage suppliers to do regularly quality controls?
 - What's about automatic control systems?
- **Definition of the main grades for deinking**
in graphic paper and hygiene paper production
 - A listing of wanted and unwanted papers will support discussions with other associations about our needs. Of course this will be done according to the description in the draft for the new EN 643 and other regulations
 - Accompanying to the quality control at sorting plants the unwanted materials have to be described, too
 - Unwanted papers: Minimum list of unwanted papers, acceptable by all participants:
 - Tolerated papers: Papers usable depending on mills' processes and on amount
 - Zero Tolerance: Papers not accepted at all

Main topics at the Meetings /2



- **Annual RCP database**
 - Luckily we have a good response rate again.
 - Several member mills using higher grades => the evaluation can be done in two categories
 - Further on some needed adaption in the questionnaire figured out
- **Availability of recovered paper**
 - Task of the Working Group?
 - To identify potential areas for INGEDE in this field an alignment with members' activities seems to be needed.
- **Darmstadt university started two projects** dealing with
 - the effects of the composition of Deinking (1.11)
 - the migration of mineral oil

Exchange of Experiences on Entry Inspection



- **Less brightness problems**
- **High ash levels**
- **High share of shavings and flyers**
- **Sticky problems**
- **Printing problems due to silicone based varnishes**
- **Papers soaked with solvent from press rooms**
- **Decreasing quality of individual 1.11 suppliers**
- **Rejection of material delivered in Walking Floor semi trailers**
 - Critical due to timing and danger of damaging
 - Various solution (reloading facility, reloading into containers, not accepted for bales, partly deloading for quality inspection)
- **Inspection system for baled material**
 - Inspection rate increased to 80–90 %.
 - Suppliers are asking for quality specifications
 - PTS NIR-Sensor: 70–90 tests per month for ash and moisture.

Members' Support



- **INGEDE needs the members' support in**
 - **monthly reporting** about 1.11 quality
 - 2011: for several months no report was published due to lack of participants
 - **annual reporting** about RP entry inspection and RP quality
 - Requesting you to fill in the questionnaire for 2011
 - **being an active member** in the working groups
 - only five companies are represented

INGEDE International Association of the Deinking Industry



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