

# ExpertService

A general survey for your assistance



From time to time a look from another direction CAN HELP YOU to identify potentials for improvements and optimizations.



Let us be partner trying to deeply understand issues, problems and targets in order to be able to go for the right actions.

Do not hesitate to contact us at any time. We are at your service!

## Areas of survey

- ✓ Stock preparation (no de-inking and bleaching)
- ✓ Water system
- ✓ Reject handling
- ✓ Broke systems
- ✓ Approach flow systems
- ✓ Paper machine (excl. Coating sections)
- ✓ Vacuum system
- ✓ Steam and condensate systems
- ✓ Air ventilation
- ✓ Waste water treatment
- ✓ Sludge handling

## Typical procedure

- ✓ Kick off meeting
  - Handover of materials like Flow sheets, DCS print outs, capacity and consumption figures, laboratory results, ...
  - Discussion about problem areas, bottle necks, ...
- ✓ Visit of operations and discussion with operating people
- ✓ Definition of additional necessary laboratory work
- ✓ Meeting and discussion of analyses and proposals
- ✓ Written report (optional)

## Duration

- ✓ 1 - 2 days on site, depending on the areas which have to be focused on

## Content of survey

- ✓ Identification of potentials for
  - Fiber savings
  - Reject dryness improvements
  - Energy savings
  - Capacity increases
  - Quality improvements
  - Runability optimizations
  - Safety improvements
  - Maintenance cost optimizations
- ✓ Proposals about optimal use of existing equipment
- ✓ Proposals for further upgrades

## Execution

- ✓ Overall survey done by

### Harald Weigant

- 34 years in paper industry
- 25 years commissioning,
- 3 years production manager,
- 3 years in middle management of big P&P machinery supplier



- ✓ Together with local representative
- ✓ If potential area is localized more in detail supported by detail specialists on demand

## YOUR CONTACTS:



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