



Investments fuel quality initiatives

The process of manually preparing quality tracking and follow-up documents can be time-consuming for plants that have batch production. Akzo Nobel Rexolin chose Proficy™ Plant Application, which is used together with the Proficy™ Historian information system.

Akzo Nobel Rexolin AB is an independent limited liability company within Akzo Nobel Chemicals. The Kumla plant produces micronutrients used in agriculture to stimulate mineral absorption in crops that grow in alkaline soils. Akzo Nobel Rexolin also manufactures chelates, chemicals used by the paper industry in conjunction with hydrogen peroxide bleaching of pulp.

TOOLS THAT HIGHLIGHT TRENDS

Novotek's plant information system,

"Proficy™ Plant Applications gives us an automated tool for production documentation, quality optimisation and efficiency analyses."

Stefan Fritiofsson, Managing Director,

Akzo Nobel Rexolin AB.

Proficy™ Historian, has been in use for several years. Proficy™ Plant Applications was added on eighteen months ago.

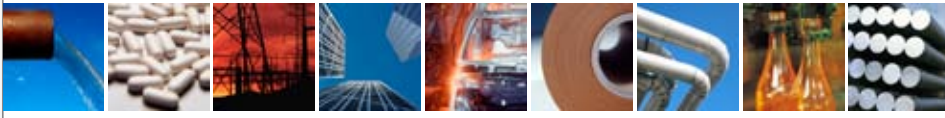
"One of the reasons for this decision is that our production is done in batches," explains Stefan Fritiofsson, Managing Director of Akzo Nobel Rexolin AB. "We therefore needed an easier way of tracking the various batches in trend reports and identifying any deviations that might influ-

ence the end quality. Proficy™ Plant Applications gives us an automated tool for production documentation, quality optimisation and efficiency analyses. For instance, we can easily pull up the supporting documents on production rate-limiting processes. We can also analyse downtimes and what caused the disruption – this is vital information for our maintenance team that can now clearly see which equipment needs extra surveillance."

UNEXPECTED PROBLEMS EASY TO DISCOVER

There are many advantages of using computer-based information, particularly in terms of being able to access the exact decision data. A newly employed engineer, for instance, can familiarise himself/herself more quickly with the production process by using this information.

"Our production follow-up has most definitely improved," notes Stefan Fritiofsson. "As a tool for discovering problems, it is excel-



lent. By simultaneously running Proficy™ Historian and Proficy™ Plant Applications, we have identified problems we would not have discovered earlier. We were able to trace a certain quality deficiency to the temperature of one of the raw materials, for example. It is now relatively easy for us to look for the causes behind quality changes within unexpected areas.”

EXPANDABLE FOR FUTURE NEEDS

The next step for Akzo Nobel Rexolin will be to implement automatic production planning by linking Proficy™ Plant Applications with the SAP business system.

The advantage of Novotek’s solution

is that the system can be expanded and customised for future needs. Since it is an open solution, several different systems can be linked together without problem.

“I can only say that the investment has been a major step in the right direction for us at Akzo Nobel Rexolin and well worth the effort it took to implement,” concludes Stefan Fritiofsson.



For more information on our smart solutions, please visit our website www.novotek.com

SUMMARY

COMPANY

Akzo Nobel Rexolin AB

SOLUTIONS

Production management

- production documentation
- quality optimisation
- efficiency analysis
- OEE
- production planning

PRODUCTS

- Proficy Plant Application
- Proficy Historian
- ROB-EX Gantt chart

BENEFITS

- Simplifies batch tracking and deviations
- Automated production management tools
- Analyse downtime and improve OEE
- Production line planning
- One integrated system