

Industrial^{IT} for Papermaking Century Pulp and Paper scores with ABB automation.

Century Pulp and Paper's Lalkua Unit in India improves profitability and productivity using System 800xA high integrity automation

Century Pulp and Paper, a division of Century Textile and Industries Ltd. is a manufacturer of rayon grade pulp and an exhaustive range of excellent quality writing and printing paper.

Client requirement

Century Pulp and Paper required a complete automation solution including drives, Distributed Control System (DCS) and Quality Control System (QCS) for the new tissue paper machine.

Challenges

ABB India provided the first complete system delivery to tissue machine by Century Pulp and Paper. Providing QCS and drive system tuning for paper grade lower than 18 GSM was another important criterion.



Solution

ABB's comprehensive solution included DCS- System 800xA, Drives- PMC800 with ACS800 MD, AC induction motors and QCS- Smart Platform 1200. Century Pulp and Paper successfully achieved significant efficiencies in various disciplines within a short span of time.

Benefits

Complete integration of Drives and QCS with DCS system. Common automation hardware among DCS, Drives, QCS as well as existing DCS system in other areas of the plant.

Some key benefits are:

- Reducing time to decision and action
- Engineering for maximum performance
- Integrating information for improved visibility and batch production profitability

- Consistency and traceability optimizing plant asset availability and performance
- Delivering control and I/O to meet automation and safety needs
- Extending installed system capabilities through seamless evolution

ABB team

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