



A Rockwell Automation Company

Tembec Paper Group – Pine Falls Division Design Services

The Client:

Tembec Paper Group is a leading integrated Canadian forest products company principally involved in the production of wood products, market pulp and papers. With sales of over \$4 billion dollars, the Company operates over 55 manufacturing units in the Canadian provinces of New Brunswick, Quebec, Ontario,

Manitoba, Alberta and British Columbia, as well as in France, the United States and Chile. It employs approximately 10,000 people.

The Requirement:

Tembec Pine Falls was involved in a major upgrade to the instrumentation and controls for both of their paper machines, which included new PLCs to monitor paper breaks, new scanners, steam boxes and steam handling systems. They required an engineering firm with in-depth experience in pulp and paper to assist in the

engineering and design solutions, and to help the local engineering staff with design drawings, procurement, inspections of equipment and control logic development.

The Design Solution:

Working on site in close proximity to the local engineering staff, tradesman and other contractors, Hinz was able to provide assistance with development of wiring schematics, cabinet layouts, PLC programming and inspection of the installed equipment. Over eleven weeks, each phase of the installation was commissioned on schedule. Work included design, drawing and logic development for:

- Calendar Coils for two paper machines
- Steam Boxes for two paper machines
- Sheet break PLC program and control panels

- Power distribution panels
- Steam control units
- Equipment procurement



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System Specifications:

- Allen Bradley PLC 5/04
- Bailey INFI90 DCS
- Honeywell Steamboxes
- Honeywell Scanners
- Honeywell Calendar Coils

For further information or to contact a Hinz office near you, please check our website at:

www.hinz.com