



***RECENT RESULTS ENGINEERING
EXPERIENCE IN
PULP & PAPER APPLICATIONS***

- Project:*** **Integrated Control System design for Tissue Drying process.**
- Engineering:*** Services included process engineering, control system/instrumentation design, PLC programming (Allen Bradley), CADD drafting, custom control panel fabrication, and on site start up assistance.
- Equipment:*** The application involved a 300 KW electric air heater and the associated SCR controller. The control system included an ALLEN BRADLEY PLC 5/25 with discrete and analog I/O, a PANEL VIEW color graphics operator interface, and a programmable recorder/datalogger. The control system regulated the Dryer's performance utilizing temperature and air flow instrumentation.
- Location:*** Wisconsin

- Project:*** **Integrated Control System design for Filter Paper Drying process.**
- Engineering:*** Services included process engineering, control system/instrumentation design, PLC programming (Siemens), CADD drafting, and custom control panel fabrication.
- Equipment:*** The control system included a SIEMENS 102U PLC , several digital panel meters, a single loop controller, pushbuttons and the appropriate sensors to operate the Dryer.
- Location:*** Germany

High Technology Solutions for Industrial Control and Information Systems

P.O. Box 357 ♦ Saco, Maine 04072 ☎ (207) 282-2428 ♦ Fax (207) 282-0463
339 Parsons Road ♦ South Paris, Maine 04281 ☎ (207) 743-0278 ♦ Fax (207) 282-0463
691 Hogan Road ♦ Bangor, Maine 04401 ☎ (207) 992-2496 ♦ Fax (207) 992-2497



***RECENT RESULTS ENGINEERING
EXPERIENCE IN
PULP & PAPER APPLICATIONS***

- Project:*** **Integrated Control System design for Toweling Drying process.**
- Engineering:*** Services included process engineering, control system/instrumentation design, PLC programming (Allen Bradley), CADD drafting, custom control panel fabrication, and on site start up assistance.
- Equipment:*** The application involved a direct gas fired 5 MMBTU/hr air heater and the associated flame safeguard controls (HONEYWELL BC 7000). The control system included an ALLEN BRADLEY PLC 5/12, several digital panel indicators, a panel annunciator, pushbuttons, control logic and the appropriate sensors to operate the dryer.
- Location:*** South Carolina

- Project:*** **Programming and Start Up Support for Mill's Distributed Control System.**
- Engineering:*** Services included graphical screen development, network configuration, control program development and documentation, and I/O and program checkout at startup time for the FOXBORO I/A Distributed Control System.
- Location:*** Westbrook, Maine

High Technology Solutions for Industrial Control and Information Systems

P.O. Box 357 ♦ Saco, Maine 04072 ☎ (207) 282-2428 ♦ Fax (207) 282-0463
339 Parsons Road ♦ South Paris, Maine 04281 ☎ (207) 743-0278 ♦ Fax (207) 282-0463
691 Hogan Road ♦ Bangor, Maine 04401 ☎ (207) 992-2496 ♦ Fax (207) 992-2497