
Joseph Newlander

Project Manager / Principal Owner



EDUCATION

Bachelor of Arts Management, College of Saint Scholastica, 2005

Occupational Proficiency Degree in Instrumentation, Saint Cloud Technical College, 1990

PROFESSIONAL COURSES

- DXD Controls & Tuning
- TM GE Paper Mill Engineer school
- Pulp & Paper Valve Application
- DuPont Stop Training for Safety
- Radiation Safety Officer Cert.
- First Responder/Fire Fighter

EXPERIENCE

In early 2014, Joe Newlander and a group of colleagues formed Saginaw Power & Automation (SPA); a Systems Integrator and Electrical Services Provider. Before coming to SPA, Joe helped build a multi-office consulting engineering group for a multinational automation company where he held various technical and leadership rolls. Prior to that, he worked in the Pulp and Paper Industry.

Mr. Newlander has extensive experience in project management, electrical and control system design, instrumentation, checkout and startup support, troubleshooting, budgeting and cost control, as well as contractor management.

REPRESENTATIVE EXPERIENCE

PROJECT MANAGER, SAGINAW POWER & AUTOMATION

FSP Line 59 – Flanagan South Project - Enbridge Energy

- Worked with Enbridge Personnel, General Contractors, and Sub Contractors on Electrical / Automation construction and commissioning portion of 6 pumping facilities with 500K BPD capacity.
- This 36" Oil pipeline runs from Pontiac, Illinois to Cushing Oklahoma, over 600+ miles in length.

SAX line 63 - Southern Access Extension Project - Enbridge Energy

- Worked with Enbridge Personnel, General Contractors and Sub Contractors on Electrical / Automation construction and commissioning portion of 2 pumping facilities and 1 terminal with 200K BPD capacity.
- This 24" pipeline runs from Pontiac, Illinois to Patoka Illinois, 164 Miles in length.

Co-Owner / Manager of Operations of Saginaw Power & Automation

- Shared responsibility with my partners on supervising and scheduling work of 15+ Engineers, Technicians, Designers, and Drafters.
- Work included Consulting, Engineering, Design, and Building of control solutions for various industries using the Best Available Technology for the application or to our customer's preference / standard.

ENGINEERING MANAGER, ROCKWELL AUTOMATION

- Supervised and Scheduled work for a varying workforce of 20-30 Engineers, Technicians, Designers, and Drafters on projects Ranging from <\$10K up to \$3.4 Million.
- Work included Consulting, Engineering, Design and Build of control solutions for various industries primarily using Rockwell Automation Products.

UL508A Panel Shop Foreman

- Led variable sized teams based on project size. Key projects included:
- Build of Mesabi Nugget marshalling cabinets; approximately 6,000 I/O points.
 - Build of Jacobs Engineering project; eleven panels built to meet UL698A labeling requirements for hazardous location enclosures.
 - Installation of equipment into custom designed electrical buildings meeting Enbridge and Rockwell design specifications.
 - Breaker repair, trip unit upgrade, and maintenance.

Site Lead, Mesabi Nugget, Iron Nugget production facility

- Team was responsible for the implementation of Rockwell Hardware/Software solution on customer site.
- Worked with customer to integrate vendor supplied systems into Rockwell control system.
- Assisted the customer with continuous improvement efforts to meet equipment deficiency and uptime efficiency efforts after start-up.

Flood Recovery, AO Smith Water Heater Plant

- Team was responsible for the electrical redesign and installation of three stamping presses and a glue line after a flood damaged the equipment.
- Served as team lead directing IPS, other Rockwell personnel, and contractor resources to complete this work
- All 3 presses made record production within one month after flood recovery efforts were completed.

Power System Maintenance, Wausau Paper

- Assisted with shutdown management of GE, Eaton, Square D, and customer resources during a cold outage at Wausau Paper's Mosinee facility.
- Verified that contractors stayed on schedule and that proper lockouts were performed.

AUTOMATION SUPERINTENDENT, BLANDIN PAPER COMPANY

- Chair of Maintenance (Mechanical and Automation) Safety Advisory Team for 3 years. Team Leader for Electrical Safety Implementation team for 4 years.
- Coached Automation Coordinators on continued development of Preventative Maintenance programs to reduce equipment failure and downtime. Total maintenance Impact on productivity has been around 2% for 5 years.
- Managed group of 5 Direct reports with 35 indirect reports.
- Managed \$3M Automation Maintenance budget (capital and maintenance) for department using risk ranking methods to help decide which efforts created best return on investment.
- Assisted as a group leader to help meet productivity targets to continuously improve operations.
- Managed projects of various sizes up to \$2.3M coater drives upgrade.

Automation Coordinator #6 Paper Machine

- Supervised group of 12 hourly personnel
- Developed Preventative Maintenance programs to reduce equipment failure and downtime.
- Developed procedures to safely and efficiently perform tasks.
- Developed competency of Electrical and Instrumentation employees maximizing their strengths.
- Created yearly budgets for 6 paper machine line based on past and future projections.

Automation Coordinator #5 Paper Machine

- Supervised group of 6 hourly personnel.
- Worked with purchasing to develop plant Electrical and Instrument standards. Worked with operations to upgrade aged equipment for process improvements.
- Developed bill of materials for critical spare parts and placed into storeroom accordingly.

LEAD E&I TECHNICIAN, LIBERTY PAPER INCORPORATED

- Troubleshooting, maintenance and programming of Electrical/Instrumentation equipment from Stock preparation thru Roll handling.
- Prioritized work in a shop of 4 E&I Technicians
- Worked directly with operations to make process improvements to increase thru put.