

CODY RODGERS

ELECTRICAL & INSTRUMENTATION | INDUSTRIAL AUTOMATION | RELIABILITY | LEADERSHIP

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PROFESSIONAL SUMMARY

Industrial E&I and reliability leader with 11+ years of experience in pulp and paper manufacturing. My background combines journeyman electrical and instrumentation experience with advanced expertise in automation, process control, and complex equipment troubleshooting. I lead technical teams and capital initiatives focused on maintaining, upgrading, and modernizing critical mill infrastructure to ensure long-term reliability and overall performance.

CORE EXPERTISE

PLC / DCS Programming & Maintenance • Instrumentation • Industrial Power Distribution • Advanced Control System & Field Equipment Troubleshooting • Root Cause Failure Analysis (RCFA) • Reliability Data Analysis & Bad-Actor Elimination • Field Installation, Testing & Commissioning • Equipment Lifecycle Strategy • Capital Planning & Project Execution • Rockwell PLC-5 / ControlLogix / RSLogix / Studio 5000 • ABB Bailey DCS • SAP CMMS / IDCON

EXPERIENCE

North Pacific Paper Company (NORPAC)

Power & Controls Process Manager

Longview, WA

Mar 2022 - Present

- Responsible for electrical safety, asset reliability, and automation performance of critical process-control systems, improving uptime while reducing operational risk and delivering cost-effective solutions.
- Lead a team of E&I technicians by establishing priorities, setting clear expectations, providing technical guidance, and developing individual capability and ownership within the group while maintaining a zero RIR.
- Plan E&I work for daily maintenance, monthly shutdowns, and annual outages. Coordinate system upgrades and capital projects, aligning E&I teams, resources, contractors, operations, and engineering through field installation, testing, commissioning, and startup.
- Develop and optimize preventive maintenance programs by establishing maintenance requirements for new equipment and refining existing PM tasks and frequencies using failure history, equipment condition, reliability data, and field experience.
- Develop long-term investment strategies by evaluating reliability risk, production impact, safety, obsolescence, maintainability, and total cost of ownership.
- Provide direction for difficult control, instrumentation, and electrical failures, leading technicians, operations, and engineering through advanced troubleshooting and development of permanent solutions.
- Apply Root Cause Failure Analysis (RCFA) by combining reliability data, production-loss KPIs, equipment history, and field experience to identify failure patterns, distinguish root causes from symptoms, and implement corrective actions. Eliminated recurring failures and drove a 14% year-over-year reduction in E&I-related equipment downtime.
- Design and implement control-system modernization and integration projects involving PLC architecture, remote I/O, legacy control systems, instrumentation, and automation upgrades while coordinating with all relevant stakeholders.
- Led controls integration for capital projects, including a \$2M starch cooker and \$5M stock refiner with involvement spanning equipment selection and procurement through PLC/DCS programming, checkout, commissioning, startup, and final documentation.

North Pacific Paper Company (NORPAC)
Power & Controls Technician

Longview, WA
Dec 2018 - Mar 2022

- Maintained electrical and power distribution systems across three paper machines, including AC/DC drives and large-hp motors, medium-voltage equipment, transformers, switchgear, MCCs, and overhead cranes.
- Led instrumentation and process-control activities, including PLC/DCS and HMI configuration, loop tuning, instrument calibration and maintenance, control valve and actuator rebuilds, and training other technicians.
- Diagnosed emergency process-control and electrical failures using PLC/DCS logic, electrical drawings, P&IDs, loop diagrams, process trends, and field measurements to isolate faults and restore production.
- Designed and implemented upgrade projects to improve equipment reliability and replace obsolete controls, carrying projects through installation, programming, checkout, and commissioning.

Cascades Tissue Group
Electrical & Instrumentation Technician

St. Helens, OR
Jan 2015 - Dec 2018

- Developed broad E&I experience supporting tissue and paper-towel manufacturing, troubleshooting and maintaining industrial electrical and power distribution systems, instrumentation, PLC/DCS controls, and motors and drives while completing a four-year electrical apprenticeship and earning my journeyman electrician license.
- Performed electrical construction and equipment installations, including conduit and raceway, power and control wiring for instrumentation, motors and drives, control panels, and associated field devices.
- Worked as the primary instrumentation resource for the facility, maintaining, calibrating, configuring, and troubleshooting field instrumentation, analytical measurement systems, and process-control loops.
- Served in the on-call rotation, independently providing after-hours support across the entire manufacturing facility and resolving electrical, instrumentation, and control-system failures.

EDUCATION & CREDENTIALS

Lower Columbia College
Bachelor of Applied Science - Organizational Leadership & Technical Management

Longview, WA
2024 - 2026

Expanded my leadership and managerial perspective, strengthening my ability to evaluate competing priorities, make financially informed decisions, lead organizational change, and manage major projects with consideration for long-term business and cultural impacts.

Penn Foster
Industrial Electrical Apprenticeship - Licensed Journeyman Electrician 5397PJ

Online
2014 - 2018

Developed a comprehensive foundation in industrial electrical theory, including circuit analysis, electrical drawings, motor controls, transformers and power distribution, grounding and bonding, control system troubleshooting, arc-flash safety, and National Electrical Code (NEC) requirements.

Perry Technical Institute
Instrumentation & Industrial Automation Technology

Yakima, WA
2012 - 2014

Received extensive training in instrumentation and process control, including analytical instrumentation, signal conditioning, calibration, control-loop tuning, PLC programming, and industrial automation with a focus on the math and physics that underlie process variables.