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Work Qualifications:

Thirty plus years experience working in the electronic, electrical, instrumentation, and control fields. Very competent in maintenance, trouble shooting, alignment, and repair of complex control systems in manufacturing environments (fine paper production and food processing).

Knowledgeable in the PLC field, with some programming experience with the Siemens and Allen-Bradley lines, including RSLogix 5 and RSLogix 5000.

Working Experience on the following types of equipment:

- Allen-Bradley and Siemens PLC's.
- Control valves – Fisher and Neles-Jamesbury included.
- Indicating and regulating instruments for pressure, temperature, brightness, level, flow (both open and closed systems) Rosemount, Foxboro, Moore, Allen-Bradley and Honeywell are in the mix.
- Control systems using photo-electric, pressure, temperature (thermocouples, rtd, thermister, infrared), and inductive sensors/transducers using smart instruments and standard analog 4-20 m.a. or 0-10 vdc loops.
- Scales, balances, load cells, strain gauges including Fairbanks and Mettler/Toledo.
- Electric Motors up to 2300 volts and 2500 horsepower.
- Variable frequency drives (Allen-Bradley) and static stepperless motor control systems.
- Radio communications systems (HF, VHF, UHF and beyond)
- Radar Systems
- Commercial HVAC systems
- Proficient in the use of electronic test equipment, including meggers, multimeters, oscilloscopes, signal generators, etc.
- Experienced in working from schematics, instrument PID's, ladder logic diagrams, and blueprints for trouble shooting, and repair of control systems.
- Have written and improved preventive maintenance routines for various equipments and systems.

Special Qualifications and Pertinent Training:

- Completed Weyerhaeuser Journeyman Level training in Electrical, Instrument, and HVAC Systems
- FCC General Radiotelephone License with a radar endorsement.
- EPA Universal CFC Certification.
- U.S. Navy Electronics Technician “A” School graduate (roughly equivalent to a two year community college technical degree)

Other training and experience:

- Familiar with computer networking using Microsoft Windows (up to version XP) and Linux (mostly self-taught) plus an overall familiarity with computer applications and uses.

- Fifteen plus years of leadership experience in a variety of challenging environments.

Part II: Work Experience/History

March 2000 - April 2009 Domtar/Weyerhaeuser Paper Mill, Plymouth North Carolina

As an Electrical and Instrumentation technician performed preventive and corrective maintenance on a plethora of systems used in the fine paper manufacturing process from the woodyard where the raw materials were brought in to the pulp manufacturing systems and the fine paper machines themselves. This included flowmeters, plc controls, Bailey DCS controls, pressure controls, temperature controls, ph controls, variable frequency drives, conveyor controls, static stepperless motor speed controls, level controls (both liquid and solid), motion controls, scales, electric motors up to 2500 horsepower, pneumatic systems, hydraulic systems, large crane (portal and circular) controls and HVAC controls/systems.

I frequently had to troubleshoot plc systems, all Allen-Bradley RSLogix 5, 500, and 5000, correct logic errors, and change, add or remove logic as equipment was added, removed, or operations changed.

I wrote many of my own work orders using the SAP system used at the mill and made suggestions for improvements to existing preventive maintenance routines.

February 1999 - March 2000 Control Automation Technologies, Kernersville North Carolina

As an instrumentation technician, I was involved in wiring up and commissioning of a new sanitation system at the (then) Bayer blood plasma production plant in Clayton North Carolina. I diagnosed and reported errors in the control wiring system which would have rendered the controls inoperative, and made the changes that corrected the problem.

February 1997 - February 1999 Electrical Services Limited Wilson North Carolina

As an electrical control technician installed industrial controls working from schematics, wiring diagrams and blue prints. Reverse engineered a tobacco processing system and drew up the schematics for the system. Designed controls for a conveyor and lift system from a verbal description of the desired operation and wrote Siemens plc program to control the operation.

Wrote a plc (Allen-Bradley PLC5) program to control a conveyor and chute system at the Firestone tire plant in Wilson, North Carolina.

August February 1990 - February 1997 Carolina Turkeys (now Butterball) turkey processing plant, Mount Olive, North Carolina

As an electronics technician troubleshoot, aligned, repaired scales, variable frequency drives, temperature control systems, speed and motion control systems, grading systems, pressure controls, hydraulic controls, pneumatic controls, level controls, weigh/pricing systems, processing equipment, and other systems used in preparing whole turkeys and specialty turkey products.

Wrote a plc program for an Omron controller and manually entered it into the processor to replace a bad plc in a vacuum packaging machine for which we had no documentation.

Often had to troubleshoot systems for which there were no documentation or for which the documentation/prints were in a foreign language.