



*Process Controls, Manufacturing Information,
and Industrial Monitoring Systems*
www.tvcsystems.com

Professional Resume

Ralph F. Spinelli, Jr.

Senior Project Engineer

Introduction

Ralph is one of our Senior Project Engineers. His responsibilities at TVC Systems include system design, PLC and HMI programming, and field startup.

His experience includes hardware and software design, hardware configuration, programming, simulation, field checkout, commissioning, training, and warranty support.

Background

Ralph joined TVC Systems in 1999 as a project engineer. He has worked on several diverse and critical Central Utility and Site Power Generation projects.

Industry Expertise

- Utility Plants – Cogeneration, Chilled Water
- Landfill Gas to Energy – Landfill Gas Conditioning and Delivery System
- Waste Water Management Gate Controls
- Web Handling

Technical Expertise

- PLC Platforms: AB ControlLogix, SLC-5x, PLC-5x families; Modicon Quantum, Momentum, 984; WAGO PFC; Automation Direct
- HMI Platforms: GE Fanuc Proficy iFIX, FIX32; Wonderware InTouch; Rockwell Software RSView, PanelView; CitectSCADA
- DCS Platforms: Yokogawa Centum CS3000; Honeywell Experion PKS
- Microsoft Server and Workstation operating systems
- Communication bridges and protocol converters
- Variable Speed Drives
- Internet and web page programming

Qualifications/Certifications

- Associates Degree in Computer Engineering Technology, New Hampshire Technical Institute at Concord
- Certified in Visual Basic, Visual C++, Visual J++
- Certified in Networking using Novell and Microsoft
- ISPE Member

Recent Project Experience

- Programming and field engineering services for multiple cogeneration facilities
- Central utility controller and software installation and startup
- Landfill gas to energy controller and software installation and startup
- 24/7 response service for clients with critical systems



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