



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

Professional Resume

James Fradsham

Vice President of Manufacturing and Services

Introduction

Mr. Fradsham is our Vice President of Manufacturing and Services. He is responsible for overseeing all hardware design, drafting, shop production and testing of all control panels at TVC Systems. Jim's extensive experience includes electrical and mechanical installation supervision, field checkout, startup, loop testing, calibration, commissioning, training, and warranty support.

Background

Prior to working at TVC Systems, Jim worked for various electrical contractors performing industrial, commercial and residential wiring. Responsibilities included: Supervising personnel, scheduling work, installing, maintaining, troubleshooting all phases of electrical equipment, reading blueprints, conduit and wiring schedules, installation of conduit/wiring, terminations and power up.

Mr. Fradsham has been with TVC Systems since 1990. He has attended numerous schools in the application, testing, calibration, and installation of control systems.

Industry Expertise

- Central Utility Plants
- Cogeneration Plants
- Chilled Water Plants
- High and Low Pressure Steam Plants
- Pump Control Systems for Chilled Water, Hot Water, Domestic Water and Fuel Oil
- Fuel Oil Tank Farm Monitoring and Unloading Systems

Technical Expertise

- PLC Platforms: Allen Bradley ControlLogix, SLC-5x, PLC-5x families; Modicon Quantum, Momentum, 984, Compact 984 families; GE 90/70, 90/30, Series 5; Siemens/TI 555, 545
- Variable Speed Drives: Allen Bradley Powerflex, Impact, Plus; ABB ACH, ACS; Robicon; Unisource: Danfoss
- HMI Applications: Rockwell Control View, Wonderware, Intellution IFIX;
- AutoCAD 9, 10, 14, 2002; Microsoft Word, Excel, Project, Outlook.

Qualifications/Certifications

- Licensed Master Electrician – States of New Hampshire, Maine, and Massachusetts
- Electrical Unlimited Contractor (E-1) State of Connecticut
- ISA Level II Certified Control Systems Technician

Recent Project Experience

- Design panel construction and field services for four combustion turbine cogeneration projects
- Design and field technical services for multiple other cogeneration facilities
- Design and field technical services for multiple Chilled Water and High and Low Pressure Boiler facilities
- Hardware design for landfill gas to energy project
- 24/7 response service for clients with critical systems



"On-line, On Time, Within Budget, and Right the First Time"

