

Who We Are

VaCom Technologies is a nationally known energy efficiency contracting and technical consulting company specializing in refrigeration systems and industrial facilities. In business since 1992, VaCom's mission is to help our clients optimize the performance and efficiency of their facilities, utilizing our capabilities in analysis, control and monitoring of refrigeration systems.

We design and implement high-value projects for existing facilities such as food plants and "cold chain" distribution companies, using sophisticated analysis tools, advanced control techniques and careful integration with client needs. Projects achieve improved efficiency, increased reliability and turn-key delivery of utility incentives.

Our project development and delivery approach emphasizes fundamentally sound engineering methods and state-of-the-art control technologies, supported by ongoing performance analysis using VaCom's own EnergyDashboard™ service to provide clients with the greatest life-cycle value. We design projects that are energy efficient, cost effective, and environmentally sound.

Benefits

- 80% of the family health premium paid by the employer
- Two weeks or more paid vacation per year
- Paid holidays and sick leave
- Retirement plan
- Section 125 medical savings account and dependent care savings account
- \$25,000 life insurance policy on every employee

To Apply:

Email your resume and cover letter to vliding@vacomtech.com

Employment Opportunities

Sr. Industrial Controls Field Engineer

Salary: \$85,000 to \$95,000, depending on capabilities

Travel: 50-70%, mostly in California

Reporting to the Field Projects Department Manager, you will be VaCom's key contact person with our customers. With support from VaCom's engineering and programming staff, you will be responsible for execution of installation projects and ongoing control system service. Your activities will include:

- Start, test and fine-tune industrial control systems, primarily for refrigerated facilities
- Troubleshoot mechanical, network, control and electrical problems
- Survey existing industrial plants and related control systems
- Manage upgrades and small installation projects

Required Capabilities

- Thorough understanding of electrical and mechanical system fundamentals
- Experience with 480V motors to 500 HP, VFD's, control circuits, PLC controls, networks, sensors, meters and calibration methods
- Able to identify and terminate field power and controls wiring.

- Ability to read and understand ladder diagrams and schematics
- Ability to analyze, document, modify and maintain complex control systems
- Intermediate or better PC hardware and software skills
- Ability to communicate effectively with customers, programmers, staff engineers, and plant operators
- Able to travel out of town part-time
- Self-motivation and able to work independently or as part of a team
- NEC code knowledge
- Driving record that will result in insurability

Beneficial Skills and Qualifications

- 2 years of trade school preferred
- Project management experience
- PLC programming experience with Allen Bradley or Opto22
- Experience with energy efficiency projects or industrial refrigeration systems

Industrial Controls & Integration Engineer

Salary: \$70,000 to \$95,000, depending on capabilities

Travel: 25%, mostly in California

This position includes responsibility for modification and application of industrial control systems, including both standardized products and custom design-build applications. Your activities will include:

- Perform ongoing support engineering, updates and feature additions for standard control programs for industrial refrigeration plants.
- Develop detailed design and implementation plan for design-build projects, based on general functional requirements.
- Develop schedules and schematics for control panels including VFDs, PLCs and device connections.
- Control system and HMI installation, commissioning, service support and testing primarily for Opto22, Allen Bradley, Wonderware and RSView control systems.
- Provide customer interface during project development, field start-up, training and ongoing customer support.
- In some situations this could include testing before field implementation

Required Capabilities

- Minimum of five years experience in industrial control projects.
- Able to produce and understand process schematics, flow charts and wiring diagrams.
- Proficient with workplace software such as Excel, Word, email, and PC Anywhere.
- Understanding of networks, operating systems, and Internet communications.
- Able to manage time and set priorities, to complete projects within schedule.
- Self-motivated and able to work independently or as part of a team.
- Able to travel
- Understanding of NEC, UL and industrial electrical safety

Beneficial Skills and Qualifications

- Electrical Engineering degree (BS / MS).
- Experience with Siemens, Opto22, Lon Works, Allen Bradley, or Wonderware software.
- Experience with mechanical systems (e.g. refrigeration, HVAC, compressors).

Building & Mechanical Systems Energy Simulation Engineer

Salary: \$55,000 to \$85,000, depending on capabilities

Travel: Minimal

We are seeking an individual with strong technical skills in HVACR and energy analysis to join our team, at either our La Verne or San Luis Obispo location. You'll work with some of the best known food processors, distribution companies and "cold chain" operators in the nation, help deliver creative energy solutions, and broaden your knowledge and experience in the growing business of energy efficiency. You'll play an important role in providing measurable energy and cost savings while helping to improve the global environment. In this position, you will:

- Perform DOE2 energy simulations for supermarket and industrial facilities
- Develop and write feasibility studies describing energy efficiency alternatives for improvements in design and control of various facility energy systems including refrigeration, HVAC, lighting, etc.

Required Capabilities

- BSME degree
- Strong fundamental understanding of engineering thermodynamics, including refrigeration cycle, psychrometrics and energy relationships
- Strong computer skills and excellent writing and communication skills
- Interest in energy efficiency and the HVACR industry

Beneficial Skills and Qualifications

- Experience in the HVACR industry
- Prior experience performing energy studies
- Exposure to control theory and PLC control systems
- Programming experience (e.g. VB, XML)

Energy Efficiency Consulting Manager

Salary: \$90,000 to \$120,000, depending on capabilities

Travel: Minimal

Reporting to the CEO, you will have a pivotal role in ongoing development of VaCom's engineering and technical consulting capability. Under your leadership your team will deliver the analysis component in VaCom's three-step energy efficiency strategy: analysis, advanced control systems and performance monitoring. Your responsibilities will include:

- Oversee delivery of technical analysis work on a day-to-day basis
- Develop study methodologies, often utilizing DOE2.2R and similar simulation programs, manage creation of work plans, and provide technical review and direction in completion of studies
- Review, edit and produce technical study reports, and present to owners, utilities and other clients
- Provide training and technical assistance for engineering team
- Contribute to development of advanced cooling / heating technologies and control methods. Coordinate development of processes for sustainable design and continuous efficiency improvements
- Direct development and maintenance of analysis process methods and standards

Necessary Capabilities

- MSME degree or equivalent and PE
- Previous experience managing a technical staff with varying experience levels, and delivering a large number of concurrent projects
- Strong fundamental understanding of engineering thermodynamics, including vapor compression refrigeration cycle, air-side psychrometrics and energy relationships

- Advanced computer skills including spreadsheets and general engineering analysis tools
- Proven experience in technical writing and verbal delivery of technical information
- Ability to work independently and manage time effectively while coordinating a large number of concurrent tasks in a fast-paced work environment
- Experience with energy efficiency and/or HVACR systems

Beneficial Skills and Qualifications

- Experience in the HVACR industry
- Experience performing energy studies using building simulation software, such as DOE2
- Experience with utility energy efficiency programs
- Experience with control theory and PLC control systems
- Experience with utility programs or building codes