



Controls Engineer

Job Purpose:

Serve as a point of contact to clients and execute design, commissioning, technical support and project management services for assigned building automation controls projects.

Primary Job Duties:

- Direct the project preplanning process, accurately scope out length and difficulty of tasks and projects, develop schedules, anticipate and adjust for problems and roadblocks, and collaborate with project foremen to proactively resolve problems; sets objectives and goals with specific measures.
- Proactively monitor costs and react to variations quickly; monitor labor reporting system to effectively control productivity; schedule subcontractors; escalate problems to management.
- Work collaboratively with purchasing department to procure and coordinate all materials, equipments, rentals, tools and subcontractors to maximize project profitability.
- Evaluate scope changes, additional work orders and elements.
- Coordinate work with other trades.
- Determine equipment and materials required for customer's system performance and proactively identify problems.
- Provide technical guidance to diagnose control system concerns and ensure occupancy comfort.
- Troubleshoot local controllers, communication wiring, programs, and schedules to identify concerns and determine corrective action.
- Ensure proper measurement and verification (M&V) equipment functionality, including accurate data recording and storage.
- Perform start-ups and commissioning as needed.
- Mentor field technicians.

Knowledge, Skills & Education Qualifications:

- Technical skills and education:
 - Minimum 5 years experience in building automation controls systems and peripheral devices
 - Proficient in system design and building automation systems, equipment or control manufacture products.
 - Working knowledge of BACnet control protocols
 - Ability to manage projects from preplanning to commissioning and closeout.
 - Understanding of integration of products software and hardware.

- Personal and organizational skills include:
 - Customer focus
 - Drive for results
 - Planning
 - Priority setting
 - Time management
 - Organizing
 - Solving Problems
 - Directing others
 - Interpersonal Savvy
 - Listening

Computer skills:

- Strong proficiency in Word, Excel and Outlook
- Shaker COINS