



Technical Service Representative

Mid-Atlantic Controls Corp. - Richmond, VA
Full-time, Commission

JOB TITLE: Construction Technical Services Representative

JOB LOCATION: Richmond, Virginia

GENERAL SUMMARY:

Program, startup and commission, and integrate commercial HVAC control systems. Develop building automation system front end solutions.

ESSENTIAL DUTIES AND TASKS:

- Read and understand HVAC equipment sequence of operations. Be able to also understand sequence intent in the given application.
- Read and understand project drawings and specifications.
- Apply given sequence of operations to “block and wire” programs.
- Engineer a Niagara AX/Niagara 4 station.
- Startup and commission controllers, including integrating them to Niagara AX/4 stations.
- Verify functionality of sensors and actuators and address any issues that may arise.
- Develop graphical user interfaces for end users based on project specifications and company standards.
- Provide owner training and support.

WORKING CONDITIONS:

Work is typically performed on site or at the company office. Travel to customer site in varying weather conditions. Environmental condition in buildings varies.

EFFORT:

- **Oral Comprehension** — The ability to listen to and understand information and ideas presented through spoken words and sentences.
- **Problem Sensitivity** — The ability to tell when something is wrong or is likely to go wrong.
- **Near Vision** — The ability to see details at close range (within a few feet of the observer).
- **Oral Expression** — The ability to communicate information and ideas in speaking so others will understand.

- **Arm-Hand Steadiness** — The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
- **Deductive Reasoning** — The ability to apply general rules to specific problems to produce answers that make sense.
- **Information Ordering** — The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
- **Manual Dexterity** — The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
- **Inductive Reasoning** — The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).
- **Category Flexibility** — The ability to generate or use different sets of rules for combining or grouping things in different ways.
- **Extent Flexibility** — The ability to bend, stretch, twist, or reach with your body, arms, and/or legs.
- **Finger Dexterity** — The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.
- **Multi-limb Coordination** — The ability to coordinate two or more limbs (for example, two arms, two legs, or one leg and one arm) while sitting, standing, or lying down.
- **Speech Clarity** — The ability to speak clearly so others can understand you.
- **Speech Recognition** — The ability to identify and understand the speech of another person.
- **Visualization** — The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged.
- **Control Precision** — The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
- **Far Vision** — The ability to see details at a distance.
- **Perceptual Speed** — The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns.
- **Written Comprehension** — The ability to read and understand information and ideas presented in writing.
- **Written Expression** — The ability to communicate information and ideas in writing so others will understand.

MACHINES, TOOLS, EQUIPMENT:

Candidate must provide their own electrical hand tools (e.g. electrical pliers, 3/16" and 1/4" straight blade screwdrivers, #1 and #2 Philips screwdrivers, etc.) as well as electrical multimeter capable of measuring electrical potential (AC and DC) at a minimum precision of a tenth of a volt, electrical current (AC and DC) at a minimum precision of a thousandth of an Ampere, and electrical resistance at a precision of one ohm.

Candidate must also provide their own transportation.

MINIMUM QUALIFICATIONS:

Tridium Niagara AX or N4 certification with at least two years' experience with controls. A combination of education and experience may be substituted when competency is demonstrated.

Reasonable accommodations may be made to those who are able to perform the essential duties of the job. The incumbent must be able to pass any required drug test and new hire physical examination.

SPECIALIZED SKILLS AND KNOWLEDGE:

- Professional image in personal appearance and correspondence
- Ability to prioritize work and organize tasks
- Excellent communication and interpersonal skills
- Mature business judgement

The Company reserves the right to revise and alter this job description as needed.

Job Type: Full-time

Job Location:

- Richmond, VA

Required education:

- High school or equivalent

Required experience:

- Controls: 2 years

Required license or certification:

- Niagara certification

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