



Automated Controls

Controls Engineer, DDC Control Systems

Posting #: **H19-005**

Automated Controls is a leader in the Pacific Northwest for open-protocol and custom developed Building Automation and Industrial Control systems. We thrive in a casual but dynamic work environment where employees explore the possibilities above and beyond a job description. We are seeking an experienced DDC Controls Engineer to join our Building Automation team.

In this position your duties will entail:

- Mechanical and electrical control design and review
- Direct digital control logic design and programming, including development of custom control blocks
- Supervisory controller integration and system architecture design, including GUI, HMI and/or SCADA
- Extensive field activities including installation coordination, commissioning, site investigation, and testing
- Perform systems integrations using a wide variety of serial and ethernet protocols (Primarily Modbus, N2 & BACnet)
- Preparation of proposals and review of plans and specifications
- Meeting and presentations to customers, internal and external
- Check performance and conformity with plans and specifications through field inspection and testing
- Preparation of technical memoranda, reports, and electronic deliverables

Preferred Qualifications

- 5+ years experience with direct digital control (DDC) systems in building automation environments. Preference will be given to candidates with demonstrated experience using BACnet communication protocols and Johnson Controls Metasys suite of products and applications.
- 5+ years experience designing and engineering building automation systems.
- Experience integrating a diverse range of HVAC equipment, including Air Conditioning Units (split system, heat pump), Air Handling Units (economizer, heat recovery, etc), Chillers (air cooled and traditional) and Boilers.
- Exceptional candidates will have demonstrated experience integrating large building central plants.
- Experience with Ethernet TCP/IP and support of Ethernet TCP/IP protocols.
- Experience using communication gateways
- Retrofit experience, including upgrading legacy DDC control systems

Benefits

- Salary DOE
- Paid Time Off
- 401(k) and Profit Sharing
- Medical, Dental, Vision
- Monthly Company Events

Email your resume to careers@automatedbcs.com. Include the posting # in the subject line line.your email.

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