



Example of Controls Engineering Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of controls engineering. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for controls engineering

- Interface with simulations team and incorporate wind turbine and wind farm operability requirements into the design, as part of control system design
 - Work with controls product line & systems personnel to flow down desired capability into requirements & preliminary design that can be executed through detailed design and implementation
 - Ensure products meet the required customer and certification levels for safety and quality
 - PLC, Kawasaki programming, RS Logics Fundamental working knowledge of and Siemens based control architecture
 - Panel View use/programming Servo and VFD drives with Siemens based control architecture
 - Defines Project Services roles and responsibilities and develops new processes, procedures, and techniques, incorporates them into organizational practice and ensures their appropriate use
 - Establishes change and incident management procedures to address service operational excellence
 - Interface with Supply chain on assigned fulfillment projects & work within Agile teams to execute activities related to hardware design
 - Lead all customer discussions related to HW design
 - Work with project Global Design Leads (GDL's) to ensure that controls HW is not a high risk item on schedules/requirements
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- 2+ years of engineering work experience in a manufacturing environment
- The ideal candidate should be able to demonstrate leadership in ONE FORD (leadership) behaviors combined with outstanding interpersonal, teambuilding, and communication skills
- Ability to independently troubleshoot assembly automation equipment and continuously evaluate equipment for improvement for quality and delivery
- Strong understanding of conveyors system programming and powertrain tooling and assembly techniques, in addition to networking understanding, DH+, Ethernet, remote IO, Profinet
- Familiarity with VFD's, Armor starts, encoders, network/Ethernet controls, DC Nut Runners , Atlas Copco
- Familiarity with cameras, Cognex, Gigi, 2D barcoding and error proofing