



Example of Lead Controls Engineer Job Description

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Our company is hiring for a lead controls engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for lead controls engineer

- Be involved in upgrade and retrofit projects execution (control system retrofits, HMI upgrades) including office and field work
 - Switch roles upon the requirements of the assignment (act as a project lead, project engineer, commissioning engineer)
 - Provide troubleshooting support for customers with issues in the field (on-call emergency support / emergency field assignments)
 - Develop software logics, operator graphics and hardware control system applications for rotating equipment according to customer specifications, piping and instrumentation drawings and control loop narratives
 - Occasionally, attend technical conferences, training seminars
 - Perform routine administration duties and paperwork in a timely and accurate manner with particular attention to deadlines for engineering design, proposal development, presentations and reports
 - Development and application of core electrical / electronic hardware components for engine control systems
 - Creates, integrates, and maintains Controls hardware development processes that meet business needs across the organization and mentors engineers on their use
 - Identify, develop, evaluate, and introduce engineering solutions to meet near term and long range engineering needs for Controls software / hardware, sensors, and actuators
 - Work with internal and external stakeholders to specify and procure control hardware
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- Familiarity with automotive communication protocols CAN and LIN
- Familiarity with standardized software development process models (i.e., ASPICE)
- Minimum of 5 years Labview training/experience
- Minimum of 5 years of machine controls/logic experience
- Experience in both internal and commercial motor controls
- Wide knowledge of system architecture