



# Example of Controls Engineering Job Description

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Our innovative and growing company is looking for a controls engineering. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for controls engineering

- Work closely with both internal and external teams and vendors to guarantee continuous infrastructure availability
- Use FIS (factory information system) monitoring software to review cycle time of automation and CNC machines, review and follow up on projects and installations
- Identify, replace and create implement plans for controls equipment obsolescence
- Identify and implement controls solutions to improve safety, quality and delivery
- Ability to troubleshoot automated manufacturing equipment with little/no supervision
- Familiarity with VFD's, servos, encoders, network/Ethernet controls, and CNC programming
- Support and/or manage the procurement, build, and installation of production line improvements and modifications as required
- Applies logic in problem-solving and analysis of alternatives to assess the financial and operations impact of automation and controls based systems (PLC, databases, operator interfaces and AB motion control platforms) related business initiatives
- Develops and implements engineering designs in specific technical functions within distribution, manufacturing or packaging to improve efficiencies, increase capacity and reduce costs
- Indirectly oversee automation specialists and develop their technical capability

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- Able to coordinate automation campaigns
  - Experience in entitlements modeling and reporting using analytics software
  - Experience in Unix/Windows authentication and authorization (eg
  - Experience in perimeter security controls, chain of trust architecture and solutions
  - Experience in big data based log analytics is a plus (Elastic search, graph based analytics)
  - Solution development using Java/Python a must