



## Example of Engineer Electromechanical Job Description

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Our growing company is looking to fill the role of engineer electromechanical. 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 engineer electromechanical

- Review and approve disposition for Nonconforming Product and lead Material Review Board (MRB)
- Author, review and approve Engineering Change Orders (ECO), Deviation Authorizations, Qualification/Validation Protocols, Final Qualification Protocol Reports, Inspection Procedures
- Interface with personnel from all areas of the company to foster improved quality and efficiency
- Communicate quality metrics and project status to Focus Factory leadership
- Perform design of printed wiring boards and assemblies
- Development detailed designs using customer requirements, derived requirements and industry specifications for printed wiring boards/assemblies for both ground and airborne applications
- Develop circuit cards using Mentor Expedition, VX1.1/2 tool suite or equivalent
- Perform RF, power, high speed packaging design
- Determine printed wiring board requirements based on technical requirements including board stack-up, component placement, circuit routing and process requirements
- Develops, maintains and releases circuit card schematics, printed wiring board layouts, printed wiring board drawings/manufacturing data and printed wiring assembly drawings/data

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- Experience within and understanding of manufacturing environments
  - Strong focus on and commitment to design improvement and quality
  - Ability to work collaboratively across function and geography in a large global corporate business
  - Proven capability in planning and coordinating activities in response to multiple project demands
  - Able to demonstrate a personal sense of urgency and focus within a project environment
  - Tertiary qualification in mechanical or mechatronic engineering