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# Example of Principal Electrical Job Description

Our growing company is looking to fill the role of principal electrical. 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 principal electrical

* Work with mechanical and stress engineers to ensure proper packaging of systems
* Acts as an authority for complex projects, initiatives on programs on behalf of D876 Radar Engineering
* Provide leadership influence strategic planning for major technical projects that significantly impact the business
* Assist in the design of production test equipment and research support apparatus
* Perform technical analysis and feasibility studies related to the design, development, and implementation of hardware for products and production support equipment
* Assist the hardware validation team in establishing production test protocols and automated testing systems
* Investigate and resolve issues due to hardware component obsolescence and resolving product corrective action requests to improve product quality and manufacturability
* Lead System architecture and design of cutting-edge, low power, and often miniaturized embedded systems
* Interface with Mechanical, Firmware, and Testing/Validation teams during new product development/introduction
* Function daily in a principle-level hardware design role

## Qualifications for principal electrical

* Minimum 15 years of experience in Offshore Electrical Engineering and Design is highly preferred
* Familiar with the content and application of statutory codes and guidelines related to electrical engineering as applicable for offshore
* Must have BS in engineering
* Experience with relevant regulatory and agency requirements (ISO 13485, ISO 14971, IEC 60601-1, IEC 61010-1, IEC 62304, FDA submissions)
* Ability to communicate effectively with clients and team members, including technical concepts budget and schedule issues
* Prepare and report on progress, feasibility, and concept studies, as required