



Example of Energy Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of energy engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for energy engineer

- Execute battery development projects from laboratory scale through pilot trials
- Evaluate materials, additives, electrode formulations, and other cell parameters to optimize battery performance
- Coordinate and execute product development trials utilizing both commercial and research grade materials supplied by partner institutions
- Must be able to communicate effectively with groups and individuals (both internal and external) to accomplish project goals and can summarize research results and articulate future development paths for program sponsors and partners
- Take an active, hands-on leadership role in the planning, scheduling and execution of assigned projects to ensure the timely delivery of key milestones and performance objectives for lithium battery projects
- Build strong multidisciplinary R&D team to meet project deliverables and impact the key scientific and technological challenges in energy storage
- Prepare material and process specifications appropriate for future pilot production
- Support and document the safety of materials, operations, and equipment to minimize hazards to self, coworkers, and facilities
- Self-starting and schedule driven to provide a quality product, efficiently, and on-time
- Support efforts to grow externally funded research programs in batteries and energy storage

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- 3rd Level Engineering Degree
 - Wind Energy experience desirable
 - Experience in machine / plant / process equipment
 - Knowledge of a CMMS system
 - Performs duties in a safe manner, utilizing company safety procedures such as hot work permits, confined space, lock-out/tag-out, and personal protective equipment
 - Has direct experience providing technical energy efficiency services on California Investor Owned Utility demand side management programs