



# Example of High Voltage Job Description

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Our company is searching for experienced candidates for the position of high voltage. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for high voltage

- Develop electric vehicle high voltage electrical system Level FMEA's
- Develop high voltage cable sizing/strategy
- Support electrical system sizing analysis for electric vehicle specific modules
- Develop low voltage fusing strategy for electric vehicle components
- Develop device transmittals of electric vehicle specific high voltage modules
- Provide vehicle build and launch support at local facilities, out of state facilities and/or international Vehicle Operations, including flashing software in electric vehicle specific modules
- Lead to resolve electric vehicle electrical system issues
- Provide guidance and mentoring to other technologists and new battery test engineers
- Coordinate and install test set-ups for prototype and production battery packs for all Ford architectures and competitive applications
- Conduct functional, safety, robustness and thermal battery pack tests in the Battery Cell Integration Laboratory (BCIL)

## Qualifications for high voltage

- Experience with vehicle electrical distribution/wiring systems required
- MSEE or MSEE with 5+ years experience
- Understanding of 6-Sigma process and methodologies preferred
- Experience during launch phase of a product is preferred
- Experience with both automation and manual labor is preferred

