



# Example of Electrical Lead Engineer Job Description

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Our company is hiring for an electrical lead engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for electrical lead engineer

- Performs detailed studies and design of vehicle electrical systems according to the Level 2 Vehicle Specification, with emphasis on safety, reliability, and cost  
Creates and maintains design documentation
- Provides electrical schematic(s)
- Participates in component placement and design reviews for engine/chassis systems and is responsible for ensuring the designs meet electrical system requirements
- Lead Design FMEA efforts for off-road electrical systems supported
- Interacts with purchasing, testing, manufacturing, and external suppliers as needed for the successful completion of projects
- Attends weekly Design & Team project meetings
- Assists the PDP purchasing lead with electrical supplier selection
- Responsible for defining electrical system test requirements during manufacturing any special process requirements
- Attends weekly Action Register & IR meetings during the validation phase
- Troubleshoots electrical/electronic systems when issues arise

## Qualifications for electrical lead engineer

- Continually develop professional skills
- Maintain positive attitude, courteous and professional relations with the team
- Familiarity with Hydro One standards and experience with detailed design of Hydro One substations is preferred
- Experience in project management is considered to be an asset

- Experience with the following manufacturing control and sensor systems including