



Example of Calibration Engineer Job Description

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Our company is looking for a calibration engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for calibration engineer

- Adept at working across organizational boundaries such as Powertrain and Transmission calibration groups to accomplish tasks
- Support validation of HEV/TM systems in vehicle, Hardware in the Loop (HIL) or Desktop environments
- Support HEV/TM FMEA and Fault Tree Analysis development
- Support development of HEV/TM High Level Functional
- Support development trips for test/calibration (approx
- Conduct vehicle testing and development in S.E
- Modify vehicle and powertrain control calibrations to meet all OBD diagnostic requirements
- Design and conduct tests to validate OBD diagnostics and emissions
- Optimize the fuel economy calibration for Ford's Hybrid Electric Vehicles by minimizing energy usage across numerous drive cycles and environmental conditions
- Utilize calibration software tools to calibrate, test, and analyze powertrain and vehicle control module data

Qualifications for calibration engineer

- Three or more years of experience in Powertrain Calibration
- ATI and/or Inca or similar Data Acquisition Tool experience is a plus
- The qualified candidate must have a minimum of one (1) or more years of

- Experience with vehicle, engine dyno or test stand setup and debug
- The candidate must be Self-Motivated and an Independent Thinker with the ability to relate their ideas and requirements to fellow team members or cross-functional team members
- The candidate must have good written and verbal English communication skills with the ability to document information using MS Office Professional (Word, Excel, Outlook, and PowerPoint) for use within the assigned program