Our company is looking to fill the role of calibration engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for calibration engineer

- To perform feasibility studies for emissions, CO_2 and power in front of engine, calibration or vehicle hardware changes
- To investigate the new coming legislations affecting diesel emissions, CO_2, power and OBD and to define and develop the required actions, tools and methodologies to prepare the teams in advance for the engine' s calibration
- Experienced team leader with the ability to drive delivery through others and meet significant deliverables across multiple complex projects
- Test bed & machine integration engine calibration activities, including climatic testing, to meet current and future off highway emissions legislation
- Follow standard emission procedures and drive cycle guidelines for data collection
- Perform calibration work that focuses on new engine or transmission programs, powertrain system adaptation to new vehicles, and controls feature implementation support
- Incorporate design for six sigma best practices to optimize system designs
- Work typically includes some travel throughout the year for issue discovery and system validation/verification
- Manage and support external facilities and suppliers to achieve Calibration team goals
- Prepare reports of all findings from Test bed, Vehicle testing and environmental testing of the vehicle, and present these to all levels up to director technical meetings

Qualifications for calibration engineer

- Strong Computer/CAE skills including calibration software tools, Matlab, and MS Office
- Some travel may be necessary to Ford Testing Facilities
- Prior powertrain controls/calibration experience desired
- Mathworks Matlab experience for analyzing engineering datasets preferred
- Engineers must have strong fundamental capabilities in engine and vehicle operation
- Working knowledge of control system and software design, including C Programming language