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## **Brake Parts LLC. McHenry IL**

### **Product / Test Engineer**

**July 2009 to January 2015**

- Maintained sole responsibility for development of new products and assigned part numbers before sending to product management for cataloging
- Played key role in companywide transition to Oracle
- Held Head System Administrator position for QSI, a Lotus Note based repository for companywide engineering data
- Specified (and maintained a history of) all material requirements used in the manufacture of disc brake components
- Wrote and maintained bills of material and other technical documents for the manufacturing of disc brake calipers
- Sourced and held sole responsibility for approval of new components for the manufacturing of calipers and new disc brake hardware kits
- Wrote and maintained work instructions, engineering specifications and other TS , ISO , P PAP and FMEA documents.
- Designed, built and repaired test equipment and fixtures for product and quality validation
- Performed root cause analysis of warranty returns and of failed product
- Trained and oversaw Quality Test Technicians and Engineering Interns
- Performed Continuous Quality Audits

### **Test/ Quality Assurance Engineer**

**1997 to July 2009**

- Designed, built and maintained test equipment for product and quality validation
- Performed quality evaluation on New Brake Parts Inc products in comparison with competitors' products
- Performed root cause analysis of warranty returns and of failed product
- Trained and oversaw Quality Test Technicians
- Mentored at risk High School students in work program.

### **Test/Quality Assurance Technician**

**1993-1997**

- Built and maintained test equipment for random product and quality validation
- Performed SAE and Engineering testing under the direction of Lab Manager.
- Wrote test reports and other documentation as required.

**Maintenance. A / Electronic Tech**

**June 1977-1993**

- Installed and repaired CNC machine tools, controls, hydraulic and mechanical systems.
- Performed preventive and predictive maintenance.
- Installed all required utilities needed for equipment such as electrical, air and gas

**Education**

**DeVry Institute of Technology AASE**

**McHenry County College**

- Hydraulics
- Materials 1 and 2
- Time Study / Work Analysis
- Introduction to Electricity / Electronics
- Mechanical
- Drafting 1 and 2