

PETER ORLOSKI

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(248) 224-5321

Career Summary

I have focused my career on brake development that includes the various types of testing in labs including dynamometer testing as well, over the years I've held advancing positions in several Brake companies leading to my last position of heading up the North American brake test division, duties included the sales, lab management and the day to day operations. Over the time I was employed there, I was promoted and advanced into a role of supporting the entire testing services division. This included working in the Sales and Marketing group where I was the primary responsible person for the Brake Testing department, sales marketing and management.

Having been a part of integrating equipment and processes in brake testing labs has enabled me to build a broad and extensive knowledge base related to the processes, equipment and technology surrounding Friction, NVH, performance and functional testing in the brake development industry.

Also included in my local day-to-day solution-based experience are international opportunities, where, through collaboration with other team members I built and further expanded my experience, creating, learning and presenting emerging technological concepts to solve product challenges across company lines, where developed and refined processes and systems were often implemented and integrated across other company locations.

Some Career History

- Led HORIBA's North American Contract Brake Test departments start up until HORIBA closed the contract test division in Troy, MI.
- Oversaw the build out and installation of a HORIBA GIANT NVH Dynamometer.
- Advanced into broader responsibilities related to promoting the divisions other types of testing offered.
- Helped secure business by successfully correlating customer testing standards and requirements.
- Headed up moving Continental Automotive Brake Dynamometer Lab to their newly built facility.
- Planned the purchase and lead the installation of new SCHENCK and LINK Brake Dynamometers along with Environmentally conditioned systems.
- Led the planning design and build out for brake testing labs in both Auburn Hills and Mexico.
- Supported technical sales for testing services and equipment purchases.

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Last Employment

January 2018 – December 2025 Horiba Instruments Incorporated Troy, MI

Horiba closed their contract testing operations in 2025

Brake Testing Laboratory Manager

Accepted the challenge to establish Horiba's Brake dynamometer laboratory operations in the US. Began by collaborating with internal and outside suppliers and vendors to install the HORIBA GIANT EVO NVH dynamometer Unit.

Sales and Marketing duties were, contacting and keeping communications open with prospective clients, preparing customer quotes, managing customer test plans and projects, also included working with and supporting HORIBA's marketing group.

Oversee lab operation, where DV/PV tests, NVH, performance and DOE, and other types of tests and investigations on various car platforms for customers are conducted.

Additional to managing the brake dyno lab, I also provided Sales and project management support for other departments where HORIBA offered fatigue and endurance testing on hydraulic and electrical test rigs.

Support the sale of HORIBA Florsheim Brake Emission Testing services for US customers that used the testing services in Germany where HORIBA conducts non exhaust Emissions brake testing services.

Former Employment History

1997 – February 2018 Continental Automotive Systems Auburn Hills, MI

Senior Brake Dynamometer Specialist – Hydraulic Brake Systems

Responsible for the operation of all test equipment in lab, provided support and training for Engineers and Technicians conducting Brake tests, on Brake dynamometers, RTV and torque flex machines, supported data acquisition systems, performed and outsourced calibration on the instruments in the lab, worked with various groups to test and develop Continentals products, such as foundation brake calipers electric parking brake calipers, including dyno control modifications to establish control connectivity of the EPB calipers.

1995 – 1997 Lucas Automotive

Brake Dynamometer Technician – Foundation test

1992 – 1995 Allied Signal Automotive

Brake Dynamometer Technician – Friction Group / Caliper Group / NVH Group

Conducted early Environmental controlled Brake Dynamometer noise testing procedures.

1988 – 1992 Greening Test Labs

Began as an entry level Technician promoted to Laboratory Supervisor

Early to industry computer controlled brake dynamometer control and report writing.

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Education

1984 – 1986 Northwestern Business College Technical Center Lima, Ohio

Associates of business – Automotive and Diesel Technology

Notable Awards Received

- Designed upgrades for Noske Kaiser Environmental unit to meet the correlation testing requirements for Nissan squeal test procedure. Received award for saving the replacement cost of a new environmental unit. The unit is still running today.
- Implemented an automated measurement system to measure total shoe center clearance on a drum brake, that resulted in reduced cycle time and total test time overall. Saving 35 + hours of test time and machine down time per test and meeting deadline requirements.
- Designed a brake pad measurement system to measure and record pad thickness and then supervised an intern group to build and assemble it, eventually automating the process and eliminating the inherent inaccuracies of micrometer measurements.
- Achieved GM TIP Certifications on Link, Schenck and HORIBA Brake dynamometers and RTV/Drag Torque machines.
- Recognized for 5S activities resulting in positive measurable changes to processes rolled out and then sustained over time.

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