

DYNAMOMETER TECHNICIAN – 2ND SHIFT

The primary function will be operation of the Link Four Wheel Chassis Dynamometer located in the MSC Application Research Center in Canton Michigan. This machine operates full time. When the machine is in operation, other responsibilities will include, vehicle preparation for future testing, and supporting the MSC Sales & Marketing team with other projects such as building fixtures, test set ups.

ESSENTIAL FUNCTIONS:

Hands on vehicle and data acquisition instrumentation set up, vehicle tie down and safely operate the four-wheel chassis dynamometer to meet specific test objectives. Most test schedules will be unique and will require interaction with representatives from companies outside of MSC.

Support the customer requests for testing by generating appropriate test data from raw data to the standard output format. Ensure the accuracy of the test set up to ensure integrity of the data.

Coordinate preventive maintenance of the chassis dyno and other equipment in the Application Research Center and setting-up/restarting the dynamometer as needed.

Responsible for ensuring safety at all times of the personnel involved in the testing and the proper use of the equipment to ensure no damage.

Ability to communicate with MSC customer engineers and other technical professionals on a technical level regarding test procedures and troubleshooting.

Other projects in the Application Research Center that may involve supporting the NVH Engineers with customer projects.

POSITION REQUIREMENTS:

Experience with safely operating dynamometer equipment with vehicles in a test environment.

Experience with equipment such as drill press, band saw, table saw and other wood working equipment

Experience with safely operating a 2 post vehicle hoist.

Minimum of a 3 years' experience operating a chassis dynamometer or comparable equipment with a safe track record.

Basic knowledge of vehicle braking systems and components.

Ability to setup and tear down brake assemblies and vehicle setup on dynamometer.

Highly self-directed and responsible individual who does not require regular oversight or task management.

Experience with Microsoft Outlook, Excel and Word.

Hands on approach to getting the job done and solving problems.

Effective interpersonal to effectively work with staff, vendors and customers

NON-ESSENTIAL FUNCTIONS

Participate in continuing education courses in personal development, pertinent technical areas and participate in selected technical conference.

Other duties as assigned by Chief Technical Officer to meet business needs.