

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U63150165828835

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| FACILITY: Michigan Spline Gage Company | | SRN / ID: U631501658 |
| LOCATION: 1626 E. Nine Mile Road | | DISTRICT: Southeast Michigan |
| CITY: Hazel Park | | COUNTY: OAKLAND |
| CONTACT: Robert Hagen , Vice President | | ACTIVITY DATE: 03/17/2015 |
| STAFF: Erik Gurshaw | COMPLIANCE STATUS: Compliance | SOURCE CLASS: |
| SUBJECT: Self-Initiated Inspection | | |
| RESOLVED COMPLAINTS: | | |

SRN: U631501658

COMPANY: Michigan Spline Gage Company

COMPANY ADDRESS: 1626 E. Nine Mile Road; Hazel Park, MI 48030

PURPOSE OF INSPECTION: Self-initiated

CONTACT PERSON: Mr. Robert Hagan, Vice President (Ph: 248-544-7303; Fax: 248-544-7420; E-mail: bob@michiganspline.com)

COMPANY PHONE NUMBER: 248-544-7303

On March 17, 2015, AQD staff, Erik Gurshaw, conducted a self-initiated, unannounced inspection at Michigan Spline Gage Company located at 1626 E. Nine Mile Road in Hazel Park, Michigan. The purpose of the inspection was to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) Rules.

Upon arriving at the facility, AQD staff introduced themselves and stated the purpose of the visit to Mr. Robert Hagen, Vice President. Mr. Hagen indicated that Michigan Spline Gage Company operates Monday through Friday from 6:00 AM until 4:30 PM and occasionally on Saturday when necessary. 18 people are employed by the company. Mr. Hagen assisted AQD staff during the inspection.

Michigan Spline Gage Company designs and fabricates spline gages for the automotive, aerospace, and defense industries among others. Spine gages check the integrity of spline production parts (splines are any part with teeth). To manufacture spline gages, the company receives premanufactured steel bars and machines them to customer specifications in a lathe. The resulting part is then milled or slotted and before being sent to an external company to be heat treated to increase the strength of the steel constituting the part. After being heat treated, the parts are returned to Michigan Spline Gage Company and the inside or outside diameter of the part is grinded to customer specifications. After the inside or outside diameter of the part is ground, the splines (sides of the teeth of the part) are ground. The parts are then checked for quality assurance purposes in the company's lab before being shipped to the customer. The company has the following metal working machinery: lathes; mills; drill presses; and a band saw. This machinery vents to a cyclone dust collector located along the outside south wall of the building. The metal dust is collected in a 55-gallon drum at the base of the cyclone. The metalworking machinery is exempt from Permit-To-Install requirements pursuant to Rule 285(I)(vi)(C).

Based on the inspection, it was determined that Michigan Spline Gage Company is in compliance with all applicable air rule and regulations.

NAME Erik Gurshaw DATE 3/17/15 SUPERVISOR CTE