

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N270527649

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|---------------------------------------|-------------------------------|---------------------------|
| FACILITY: Midwest Plastic Engineering | | SRN / ID: N2705 |
| LOCATION: 1501 Progress St, STURGIS | | DISTRICT: Kalamazoo |
| CITY: STURGIS | | COUNTY: SAINT JOSEPH |
| CONTACT: Dennis Baker , President | | ACTIVITY DATE: 11/03/2014 |
| STAFF: Dennis Dunlap | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: | | |
| RESOLVED COMPLAINTS: | | |

This was not an announced inspection. The inspection brochure was handed out.

This is a plastic injection molding facility. There are 31 injection presses. Not all were in operation. Plastics used include ABS, PVC, polystyrene, and polycarbonate. The parts made are generally for the communications industry. The predominate color for the parts is black. Some colorants are used. The silos are currently not used. Plastic beads come into the facility in boxes. There are some plastic grinding machines. These do not emit outside. There is a paint room but no painting is done. There are two plastic annealing ovens. These may be exempt by Rule 286(d). They operate at 180 degrees.

In the assembly area there is a hood where some glue is used. The amount used is about 5 gallons/year.

In the tool room there is a parts washer. The lid was closed. There are four grinding machines and two sand blasting machines. These are connected to an outside cyclone and then a dust collector. No dust was seen outside. The dust collector is on a 6 month maintenance schedule. There were some other machines in the room that were not connected to duct work.

One other sandblaster was seen. This appeared to have built in dust control.

NAME Dennis Dunlap DATE 11/3/14 SUPERVISOR MMB 11/6/2014