

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

*FY2015 Insp-*

U6310033629844

FACILITY: Numatics, Inc.		SRN / ID: U63100336
LOCATION: 46280 Dylan Dr., Novi		DISTRICT: Southeast Michigan
CITY: Novi		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 06/03/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2015 inspection of Numatics		
RESOLVED COMPLAINTS:		

*U63100336\_20150603*

**Numatics, Inc. (U-63-10-0336)**  
46280 Dylan Dr. (fka 46280 West Park Dr.)  
Novi, Michigan 48377-4906

Natural gas fired SI (spark ignition) emergency generator may be subject to: RICE MACT 4Z, Area Source NESHAP / MACT ZZZZ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines and National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines / Final rule (Page 3568, Federal Register / Vol. 73, No. 13 / Friday, January 18, 2008 / Rules and Regulations / Final rule). AQD has decided not to take delegation of these standards and therefore no attempt has been made to evaluate the Numatic's compliance with NESHAP / MACT 4Z.

On June 03, 2015, I conducted a level 2 self-initiated inspection of Numatics, Inc. (U-63-10-0336) located at 46280 Dylan Dr. (fka 46280 West Park Dr.), Novi, Michigan 48377-4906. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451; Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules; and PTI No. 1150-90.

During the inspection, Mr. Scott Weickel (Phone: 248-596-3380; Fax: 248-596-3980; E-mail: scott.weickel@emerson.com), Director of Engineering, Numatics, Emerson Industrial Automation, assisted me.

Mr. Al Lengeman (E-mail: al.lengeman@emerson.com), Environmental Coordinator, Numatics, Emerson Industrial Automation, moved to Sandusky, Michigan, and retired about 2013.

Numatics is a leading manufacturer of pneumatics and motion control products. Numatics has broad spectrum of custom developed products and application components that have made a significant impact on pneumatic innovation as well as pneumatic and motion control technology. Numatics makes control valves, filters, lubricators, regulators, cylinders and other accessories.

About 2005, Emerson Electric bought Numatics and organized it under Industrial Automation Business.

This is current (2015) headquarters for Numatics. All salaried employees from 28900 Beck Road and 1450 N. Milford Road moved in February 2009 to this location. This is a leased

building.

Light assembly work is going on at this site. Neither painting nor processing is taking place. A prototype lab is present. A testing lab (functional, response) is also present. Also, one environmental (hot, cold, humidity) testing lab is present. At this time (FY2015) only active manufacturing sites are located at Novi and Sandusky, Michigan.

At this location many activities are present: compressed air testing of valves, systems lab, light assembly, prototype lab, lathes, environmental test cells, etc.

### SI RICE NSPS 4J and MACT 4Z

One natural gas fired 100-KW electric generator is present. The generator ( $\ll 1$  MW) is exempt from Rule 336.1201 pursuant to Rule 336.1285(g) (RICE  $< 10$  MM BTU / hr. heat input).

100 kW (0.1 MW) natural gas fired SI RICE (spark ignition reciprocating internal combustion engine) will be replaced with 400 kW (0.4 MW) natural gas fired SI RICE. AQD will determine compliance with NSPS 4J upon completion of the installation.

Please refer to FY2010 inspection report for Numatics history and soil and drinking water contamination (PCB, Perc [per chloroethylene] / PCE) for various sites:

1. B8701: Numatics, Inc., 29300 Wall Street, Wixom, Michigan 48393-3528.
2. B8645: Numatics, Inc., 28900 Wall Street, Wixom, Michigan 48393-3520.
3. M3288: Numatics, Inc., 2000 E. Highland Road, Highland, Michigan 48356.
4. A5266: Numatics, Inc., 1450 N. Milford Road, Highland, Michigan 48357-4560.
5. U-63-10-0336: Numatics, Inc., 46280 Dylan Dr. (fka 46280 West Park Dr.), Novi, Michigan 48377-4906
6. U-63-10-0337: Numatics, Inc., 28900 Beck Road, Wixom, Michigan 48393-3695
7. U-63-10-0338: Neptech, Inc., 2000 E. Highland Road, Highland, Michigan 48356

### Conclusion

Light industrial, prototyping, testing activities. Natural gas fired SI RICE NSPS 4J and MACT 4Z emergency generator.

NAME B. McNamee DATE 06/18/2015 SUPERVISOR CTE