

U-63-08-0182

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

FY 2017 Insp

U6308018241472

FACILITY: Filtra Systems, Inc.		SRN / ID: U63080182
LOCATION: 23900 Haggerty Rd, Farmington		DISTRICT: Southeast Michigan
CITY: Farmington		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 08/16/2017
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Initiated FY 2017 inspection of Filtra Systems, Inc. ("Filtra")		
RESOLVED COMPLAINTS:		

U63 08 0182 - SAR - 2017 08 16

Filtra Systems, Inc. (U-63-08-0182)
23900 Haggerty Road
Farmington Hills, Michigan 48335-2618

Phone: (248) 427-9090
Fax: (248) 427-9895

E-mail: scottB@FiltraSystems.com
Web: www.FiltraSystems.com

Rules: 283, 285, 287: R&D, testing, pilot plant studies, warehousing, engineering, corp. offices. All production moved to Gordonsville, Tennessee.

On August 16, 2017, I conducted a level 2 self-initiated **FY 2017 inspection** of Filtra Systems, Inc. ("Filtra"), located at 23900 Haggerty Road, Farmington Hills, Michigan 48335-2618. 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 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

During the inspection, Mr. Scott Bratten (Phone: (248) 427-9090-ext. 121; Fax: (248) 427-9893; Mobile: (248) 640-7126; E-mail: scottB@FiltraSystems.com), President, assisted me.

Mr. Joseph T. Haligowski (Phone: (248) 427-9090-ext. NA; Fax: (248) 427-9895; Mobile: (248) 640-5877; E-mail: JoeH@FiltraSystems.com), International Sales Manager and Chemical Engineer, was not present.

About June 2012, Mr. Craig Wills (Phone: (248) 427-9090-ext. 114; Fax: (248) 427-9895; Mobile: (248) 640-3829; E-mail: craigw@filtrasystems.com), Vice President of Engineering, retired.

At this Farmington Hills location, Filtra conducts Research and Development, Engineering, Testing, Pilot Plant Studies, Warehousing, Support & Project Management activities. Typically, all activities pertain to air and water filtration systems. Also, sales, finance, marketing activities are performed. Besides, Farmington Hills facility is headquarters (HQ) for the company. There is no manufacturing taking place at this time; all manufacturing moved to Gordonsville (near Nashville), Tennessee, about 2007.

Rule 285 mist eliminator demonstration units

One smaller unit (installed in 2009) was used for demonstration and testing. There was one knock-out drum to take out liquid particles where liquid oil is taken out. This was a demonstration unit and removed about 2014.

About 2013, second larger unit, consisting of a knock-out drum for liquid oil and a cartridge / pleated filter system, was installed for testing purposes. By November 2015, this unit is significantly modified. Both units were installed for testing and engineering purposes. All emissions, upon filtration are released to in-plant environment. All filtration products production to engineering specifications takes place in Tennessee.

About 2017, this unit was modified again for new pilot plant studies.

Mist generator and associated mist eliminator are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rules 336.1283 (R&D, Pilot Plant) or 336.1285.

Wind mills testing

Wind mill engineering studies were performed. Wind mills were tested and studied for aerodynamics, structural integrity (stresses and strains), materials selection and so on. This testing operation was removed about 2011

Warehousing

In order to make use of vacant manufacturing area, Filtra started warehousing SS filters, bag filters, surplus filtration units, mist eliminators, cartridge filters, pleated filters, etc. Warehousing in Michigan provides better logistics for the products for automotive industry.

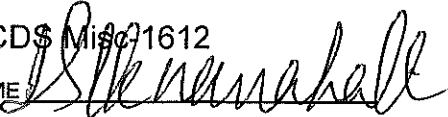
There is no cold-cleaner or parts cleaner at the facility.

Conclusion

This is a sales, engineering, R & D and testing facility. All production moved to Tennessee. I did not find any compliance problem.

MCD\$ Misc 1612

NAME



DATE

9/13/2017

SUPERVISOR

