

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

FY 2014 Insp

U6312017126274

FACILITY: Eberspaecher North America, Inc		SRN / ID: U63120171
LOCATION: 30220 Oak Creek Dr., Wixom		DISTRICT: Southeast Michigan
CITY: Wixom		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 06/25/2014
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2014 inspection of Eberspaecher North America, Inc. ("Eberspaecher" – American spelling for German spelling, ae for a with two dots, ä i.e. Eberspächer)		
RESOLVED COMPLAINTS:		

E-file: U 63 12 0171 - SAR - 2014 06 25

Eberspaecher North America, Inc. (U-63-12-0171)
30220 Oak Creek Dr.
Wixom, Michigan 48393-2430

On June 25, 2014, I conducted a level 2 self-initiated inspection of Eberspaecher North America, Inc. ("Eberspaecher" – American spelling for German spelling, ae for a with two dots, ä i.e. Eberspächer) located at 30220 Oak Creek Dr., Wixom, Michigan 48393-2430. 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. Richard Norton (Phone: 248-707-0129-Cell; Fax: 248-960-7890; E-mail: richard.norton@eberspaecher.com), Maintenance Manager, and Ms. Trish Carter, new HR manager, who replaced Ms. Cheryl Lipan, assisted me.

Ms. Cheryl Lipan (Phone: 248-854-0750-Cell; Fax: 248-960-6106; E-mail: Cheryl.lipan@eberspaecher.com), HR Manager, separated from the company about 2012. Ms. Kathy Gurnee (Phone: 248-635-1709; E-mail: Kathy.Gurnee@eberspaecher.com), is now HR manager at Brighton location.

Eberspaecher is in the business of manufacturing exhaust systems (Selective Catalytic Reduction [SCR]) for commercial vehicles and some passenger cars (diesel) cars as well. 100,000 sq. ft. Wixom facility performs mostly welding operations. The German parent company is in business since 1865. In US, Eberspaecher started operation since 2000. Eberspaecher started its operations in Wixom since 2009. Upon running out space in Brighton, the company started operations at the Wixom location as well. Brighton unit assembles exhaust system also.

Welding stations / machines

There are numerous welding stations (ArcWorld Yaskawa, Cell 6, Cell X, Cell V, Repair, etc.), which are installed in 2010-2014. Eberspaecher is expanding rapidly and continues to install more welding stations in Wixom. From 2012 through 2014, Wixom plant has experienced rapid expansion such that plant is running out of space. Approximately, 25 welding stations are present. Particulate emissions from these stations are controlled by 12 dust collectors each consisting of cartridge filters. Attached is a list of dust collectors and corresponding information regarding cartridge filters. Five more welding stations are being installed.

Each machine's particulate emissions are controlled by a cartridge filter type control system. All dust collectors (12: Robovent, Torrit, Nederman, Donaldson, etc) for welding stations (25) are located inside the building. There is no exhaust to outside ambient air; filtered air is re-circulated into the plant. Pulse-jet air is used clean the filters.

The machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285 (I).

At the Wixom facility, there is neither painting nor solvent degreasing.

Conclusion

Welding machines / processes are exempt from Rule 336.1201.

NAME J. S. McManis DATE 08/06/2014 SUPERVISOR CTE

U-63-12-0171

Eberspaecher

Dust
collectors

Equipment I.D	Description	Filter Part #	# of filters used
20654	Cell 14 - Robot Vent	CF-14D26-SQFL	32
17555	TTE Laser - Clean Air America	P151244-016-436	4
19480	Cell V - Robot Vent	CF-14D36	8
19863	Cell 15 - Nederman	PW-NS-75-10	18
19864	Cell 3 Nederman	PW-NS-75-10	18
19909	Cell T - Clean Air America	P190818-016-436	24
20446	One Box - Torit System	FMC200-8L	64
20653	Cell X - Robot Vent	CF-14D36	8
21141	Reclaim	P190818-016-436	8
24835	Cell 15 Repair Table	P190818-016-436	4
24833	Family O - Repair Table	CF-14D26-SQFL	1
22687	E3 - DOC Press	I'm not sure what this is	
19866	OP139	pw13-12332672 (filterbox)	1
	Cell A2 - Torit System	P191920	18

Num of
Cartridges

06/25/2014