

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

U5013357623985

FACILITY: Sharp Screw Products, Inc.		SRN / ID: U50133576
LOCATION: 49650 Leona Drive		DISTRICT: Southeast Michigan
CITY: Chesterfield Twp.		COUNTY: MACOMB
CONTACT: Steve Burson, Owner		ACTIVITY DATE: 12/18/2013
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-Initiated Inspection		
RESOLVED COMPLAINTS:		

SRN: U50133576
 COMPANY: Sharp Screw Products, Inc.
 COMPANY ADDRESS: 49650 Leona Drive; Chesterfield Twp., MI 48051
 PURPOSE OF INSPECTION: Self-Initiated
 CONTACT PERSON: Mr. Steve Burson, Owner (Ph: 248-598-0440; Fax: 248-598-1278; E-mail: sharpscrew@att.net)
 COMPANY PHONE NUMBER: 248-598-0440

On December 18, 2013, AQD staff, Erik Gurshaw, conducted an unannounced, self-initiated inspection at Sharp Screw Products located at 49650 Leona Drive in Chesterfield Twp., 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. Steve Burson, Owner. Mr. Burson indicated that Sharp Screw Products employs 4 people and operates Monday through Friday from 7:00 AM until 5:30 PM. Mr. Burson assisted AQD staff during the inspection.

Sharp Screw Products fabricates various stainless steel, aluminum, copper, and brass parts for the automotive industry, aerospace industry, and medical industry among others. The facility generates the parts from blueprints provided to it by its customers. The company purchases its raw materials in bar form from predominantly Alro Steel and Admiral Metals. Metals are occasionally purchased from other suppliers when necessary, however. Once the metal arrives at the facility, it is machined to customer specifications in 6 CNC lathe machines, 3 CNC mill machines, a Bridgeport mill, and a surface grinder. The facility also has 6 manual screw machines and 3 manual drill presses, but Mr. Burson said that the vast majority of the machining is conducted with the CNC machines. The company maintains the manual machines onsite because particular jobs may necessitate their usage on rare occasion. All of the company's metal working machines vent to the general plant environment and are, therefore, exempt from Permit To Install (PTI) requirements pursuant Rule 285(l)(vi)(B). Once the parts have been machined, they are generally picked up from the company by its customers. In addition to the metal working machines, the company has a part washer which, according to Mr. Burson, has not been used in over a decade. The facility has no intention of using this parts washer in the future and AQD staff verified that it was not being used during the inspection. Scrap metal generated by the company is collected in 55-gallon drums and sold to State Metal.

Based on this inspection, it was determined that Sharp Screw Products is a minor source of air contaminants which is in compliance with all applicable air rules and regulations.

NAME Erik A. Gurshaw DATE 12/23/13 SUPERVISOR CTE