

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

B559227127

FACILITY: GRAND RAPIDS POLISHING & BUFFING		SRN / ID: B5592
LOCATION: 2945 HILLCROFT, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Ben Bishop , Owner		ACTIVITY DATE: 09/24/2014
STAFF: Denise Plafcan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

Denise Plafcan (DP) conducted an unannounced scheduled inspection to determine compliance with state and federal Air Quality rules, regulations and Permit # 54-76. DP drove around the area prior to entering the facility. There were no odors, fugitive emissions or opacity noted from the facility. DP met with, Ben Bishop, Owner, after a brief introduction and discussion, DP explained the purpose of the inspection and reviewed the Environmental Inspection brochure.

There are three buildings which are part of the company 3000 Hillcroft is the office and location of a cyclone used on a metal grinding machine, 2954 is where the degreaser unit is located and 2946 is additional metal grinding on two individual machines that have individual control. They have a total 13 employees in all three buildings working one shift five days a week. Their main buffing dust collector system at 3000 Hillcroft collects the air from their buffing line and it goes outside into the fan, which exhausts into a cyclone. The cyclone exhaust is then routed back inside the building via a duct that runs just underneath the roof across the east side of the building. Appears to be no provision for outside exhaust. The duct on the inside of the building has numerous filter bags which hang down from the duct and are emptied via zippers at the bottom. Large particulate empties into a 55 gallon drum below the cyclone. The area around the collector was extremely clean.

The degreaser is still being used but they no longer use TCE and Ben agreed to send a note stating they no longer use TCE so they can be removed from MAERS and the NESHAP reporting requirements. The new material is Tech Kleen ABR Stabilized N propyl bromide at 10.8 pounds VOC/ gallon. This material is not regulated under the NESHAP. Ben is still using the same procedures and record keeping as required for the NESHAP which also demonstrates compliance with Rule 612. Operational records were reviewed on site. Ben was not sure about the installation date of the unit but it may be grandfathered if was installed prior to 1967, the earliest records in AQD are from 1976. The degreaser is ~10 square feet and would be eligible to use a Rule 285 (r) (iv) exemption from Rule 201 for the cleaning of metal.

In the 3rd building are 2 independent grinding machines that recirculate the air back into the plant after going through a torit cyclone. Each of these units are exempt from Rule 201 by a Rule 285 (I) (vi) exemption. There was also a decommissioned cyclone out the backdoor of this building (2946). This is the piece of equipment covered under PTI 54-76.

Ben agreed to send a note or e-mail requesting to be removed from MAERS and NESHAP reporting requirements and to void PTI 54-76

Based on the physical inspection and records reviewed the facility appears to be in compliance with state and federal Air Quality rules and regulations.

NAME

Denise Plafcan

DATE

9-24-14

SUPERVISOR

PMB