

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

P051535655

FACILITY: TENNECO AUTOMOTIVE, INC.-LITCHFIELD		SRN / ID: P0515
LOCATION: 929 ANDERSON ROAD, LITCHFIELD		DISTRICT: Jackson
CITY: LITCHFIELD		COUNTY: HILLSDALE
CONTACT:		ACTIVITY DATE: 07/21/2016
STAFF: Brian Carley	COMPLIANCE STATUS: Compliance	
SUBJECT: Scheduled inspection		SOURCE CLASS:
RESOLVED COMPLAINTS:		

Facility Contact: Lisa Sexton, Sr. EHS Engineer
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 Email: lsexton@tenneco.com

I arrived at the facility with Michael Gabor (Jackson D.O), Joy Taylor-Morgan (Toxics), and Eric Hansen (Air Monitoring) to do an inspection of Tenneco's bulb crusher and to monitor the mercury emissions from the bulb crusher as it operated. We met with Randy Kiersey and Aaron Fox of Tenneco, who took us back to where the equipment located at. Randy is the one that runs the bulb crusher and per our request had some bulbs that were waiting to be crushed. Eric had a portable monitor that he was taking initial readings before the bulb crusher was turned on. Once the initial reads were done, Randy started up the crusher and began to feed bulbs into the machine. He put in a total of 40 four foot long bulbs one at a time in the crusher while Eric read off readings while Joy recorded the numbers and other pertinent information while the crusher was being operated.

Once the all be bulbs were crushed, Randy showed me the log that they are required to keep per Special Condition (S.C.) VI.1. The log showed that they were keeping under the limit of the equivalent of 400 eight foot bulbs per day S.C. II.1. Last year they had crushed the equivalent of 12 eight foot bulbs and this year they had crushed 632 eight foot bulbs prior to today, which is under the limit of 2,500 bulbs per 12 month rolling time period (S.C. II.2). They did 570 bulbs in April when they were sent bulbs from their Lansing plant that was changing their lighting systems. Randy told me that he is the only one that operates it and he is following most of the guidelines found in Appendix 1 and 2 of PTI 68-14 and operating and maintaining per the manufacturers specifications and procedures (S.C. III.1, III.2, III.4). During the time when he was running the bulb crusher, he was not wearing any personal protection equipment, which is highly recommended for those that operate these machines. Based on where the bulb crusher is located in the building, it meets the location requirements per S.C. III.3. Randy told me that they have replaced all the filters earlier this year (S.C. III.6 and V.1). He told me that they were disposing the broken glass and metal pieces as required (S.C. III.7) and that he estimated that the barrel was less than a 1/3 full. The last time the barrel was sent out was over two years ago. The required filters were installed on the bulb crusher and the feed chute was capped and the drum was not warped as required in Section IV of 68-14. The readings that were taken during the inspection showed that they were well under the MIOSHA exposure limit.

Based on the information provided during the inspection, I have determined that they are in compliance with their permit. I thanked them for their time and left.

NAME Brian Carley

DATE 7/25/16

SUPERVISOR [Signature]