

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

A660138283

FACILITY: Trelleborg YSH, Inc.		SRN / ID: A6601
LOCATION: 400 AYLWORTH AVE, SOUTH HAVEN		DISTRICT: Kalamazoo
CITY: SOUTH HAVEN		COUNTY: VAN BUREN
CONTACT: Barry Skuza , Plant Manager		ACTIVITY DATE: 01/11/2017
STAFF: Amanda Chapel	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Compliance Inspection		
RESOLVED COMPLAINTS:		

On January 11, 2016 AQD's Amanda Chapel and WRD's Jason Combs (staff) went to conduct an unannounced inspection of Trelleborg YSH located in South Haven, VanBuren County. The purpose of the inspection was to determine compliance with Permit to Install (PTI) 321-95 and all applicable state and federal air regulations. The following will summarize plant operations and facility's compliance status.

We arrived at the facility at 12:55 pm. There were no visible emissions or odors coming from the facility. We entered the front door and informed a staff person that we were there to complete an air quality inspection. I asked for Mr. Barry Skuza and she said he was available and would page him. When Mr. Skuza met us in the lobby, I introduced myself, presented him with my inspector credentials, a business card, and explained that we were there to do an air quality inspection of the facility. He took us back to his office. I explained the last inspection of the facility was on December 4, 2007 and at the time of the inspection, the facility was in compliance with their PTI. I said we would like a tour of the facility to ensure the facility was still exempt from needing any additional air permits.

The facility is strictly a research and development (R&D) operation for the automotive industry. About 6 months before the inspection, the facility changed their name from Trelleborgvibracoustic to Vibracoustic. They have about 144 staff working at this facility. The facility runs for one shift a day and operates Monday through Friday. There are no boilers or cold cleaners at the facility.

On the facility tour, Mr. Skuza first brought us into a machining area. This area had two sand blasters, a nylon bead blaster, a drill, lathe, and saw. This equipment is exempt under Rule 285(I)(vi)(B). The burnoff oven is also located in this room. The oven was not operating during the inspection. The oven is equipped with a temperature gauge as required by the permit. The primary chamber is set at 600 degrees Fahrenheit. Mr. Skuza started up the burnoff oven in order to verify the afterburner temperature which is set at 1750 degrees Fahrenheit. The permit requires the afterburner to be set at a minimum of 1400 degrees. The stack for the oven discharges vertically upward. Mr. Skuza told us the oven runs approximately 1 time per week for about 4 hours each time. The burnoff oven appears to be in compliance with PTI 321-95.

Next, Mr. Skuza brought us into the rubber mold room. There are 7 rubber molds in the facility. All vent internally. These rubber molds are used to create the rubber and metal parts which are tested at the facility. Six of the rubber molds were already installed. The seventh mold was being installed during the inspection. These machines are exempt under Rule 283(a)(v) and (vi). Mr. Skuza showed us the rubber development area. Here, the facility stores and formulates different rubbers to use in their development and testing of new products. There is a rubber cutter located in the storage room. This vents internally and is exempt under Rule 285(I)(vi)(B). There is also a small coating machine located in this area. The machine was running during the inspection but no parts were being coated. I told Mr. Skuza that I would need to see the coating usage records or purchase records when we returned to his office.

The next rooms on the tour held different types of testing equipment for the automotive parts. This equipment was specifically designed to test the different movements the part could withstand. There were machines to vibrate, twist, and compress etc. the different individual parts. All this equipment is exempt under Rule 283(a)(ii), (v), (vi), and (c). We also saw the small room which contained the emergency generator. The generator is fueled by natural gas and is only used to power the computer room. It is a Kohler 20RC62 model. I was unable to find a heat input rating but it appears small enough to meet the Rule 282(b)(i) exemption.

When we returned to Mr. Skuza's office, he was able to call Mr. Ryan Snyder who provided the purchase

records for the coating used from 2015 and 2016. Based on the purchase records, the facility purchased 18 gallons of coating in 2015 and 53 gallons of coating in 2016. This is well under the 200 gallons a month limit in Rule 287(c)(i).

Jason and I thanked Mr. Skuza for his time and showing us around the facility. We left the facility at 1:55 pm. It appears that Vibracuostic is in compliance with PTI 321-95 for the burnoff oven and operates all other process under air quality exemptions.

NAME Amur Chepel

DATE 1/13/17

SUPERVISOR MA 1/17/2017