

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

H409538271

FACILITY: GETMAN CORP		SRN / ID: H4095
LOCATION: 6998 34TH AVE, BANGOR		DISTRICT: Kalamazoo
CITY: BANGOR		COUNTY: VAN BUREN
CONTACT: Richard Sawyer, Plant Manager		ACTIVITY DATE: 01/11/2017
STAFF: Amanda Chapel	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Air Quality Inspection		
RESOLVED COMPLAINTS:		

On January 11, 2016 AQD's Amanda Chapel and WRD's Jason Combs (staff) went to conduct an unannounced inspection of Getman Corporation (facility) located in Bangor, VanBuren County. The purpose of the inspection was to determine compliance with all applicable state and federal air regulations. The following will summarize plant operations and facility's compliance status.

We arrived at the facility at 9:20 am. 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. We told her that the previous contact was Mr. Bill Cochran. She told us that he was no longer with the facility but we would meet with Mr. Richard Sawyer, the Plant Manager. He came and got us from the lobby. I showed him my inspector credentials and gave him a business card. I told him that we were from the Department of Environmental Quality and we were there to complete an air quality inspection. I asked if he had an office where we could sit before commencing the tour of the facility. In his office, I explained that the AQD had not been to the facility since 2008. I said we would like a tour of the facility to see their operations and then I would like to look at their coating records to make sure they were still in compliance with the Rule 287(c)(i) exemption.

The facility is a manufacturer of large vehicles for the mining industry. It has about 120 staff working at the Bangor location. They operate one shift between 8 and 10 hours a day, 5-6 days a week. At the last inspection on October 17, 2008, they were in compliance. There are no boilers, emergency generators, or cold cleaners at the facility.

On the facility tour, Mr. Sawyer led us first into the engine bay area. Here they store the axels and engines that will be installed in the equipment. Next we saw the electrical area where they manufacture all the electrical needs for the equipment like switch boards and other necessities. He then led us to the main cutting area in the facility. Here they have a break press used for bending material, a torch table used for cutting metal, a plasma cutter which was unused, drill presses, saws, and lathes. All of this equipment vents internally and is exempt under Rule 285(l)(vi). The torch cutter was in use during the inspection. The next step in the process is the assembly and welding area. There were about four welders working during the inspection. The welding equipment is exempt under Rule 285(i).

Once the equipment is welded together, it goes into the shot blast and painting booths. The shot blast booth is vented externally to a dust collector. The dust collector uses two filters and the drum is emptied about once per week. The dust collector was in good repair with no visible dust around the collection area. The shot blast booth is exempt under Rule 285(l)(vi)(C). There is one large paint booth at the facility. The small paint booth was taken out of commission in 2014 and converted into storage. The ceiling filters in the paint booth are changed about once a year. The floor and wall filters are changes more regularly. The facility has a computer system to determine the air flow through the filters and uses that information to determine when to change the filters. All filters appeared to be in good repair. I asked Mr. Sawyer about how many gallons of paint it takes to paint one machine and he estimated about 6 gallons of paint per vehicle, including all individual parts. The facility paints about 4 or 5 machines per month. When parts need to be painted, a daily record of gallons of paint used it kept. Next, Mr. Sawyer took us into the final assembly area where the machines, with all painted parts, are totally assembled, the electronics and hydraulics added, and all additional parts installed. Finally, he showed us the material storage area where fabricated parts are stored until they are needed for a piece of equipment.

When we returned to Mr. Sawyer's office, I asked for MSDS sheets for the paint and spray gun cleaner. I also asked if records of coating use was kept monthly and was told it was not. Mr. Sawyer was able to supply me with daily records of the coating usage from November and December 2016. Using Excel, I was able to determine that in November 2016, 47 gallons of coating and 55 gallons of cleanup solvent

was used. In December 2016, 48 gallons of coating was used and 55 gallons of cleanup solvent. This would be consistent to maintain exemption under Rule 287(c). I requested that Mr. Sawyer compile monthly records for 2016 from the daily usage records and send me the monthly records by January 20, 2017. I also suggested the facility maintain monthly records, calculated at the end of each month. Additionally, I obtained gun bore cleaner purchase records. The facility uses FinishMaster, Inc. Lacquer Thinner FPL50-53. In 2016, the facility purchased seven 54 gallon drums, one each in February, April, May, June, July, October, and November.

Jason and I thanked Mr. Sawyer for his time and showing us around the facility. We left the facility at 11:20am. When I returned to the office, I sent Mr. Sawyer a reminder email asking for the coating usage records from 2016 to determine compliance with the exemption. A final compliance determination will be made on receipt of those records.

On January 17, 2017, I received the final coating records for Getman Corporation's coating usage over the course of 2016. July appears to have the highest coating usage for the year at 111 gallons. This puts the facility well below the 200 gallon limit and the facility remains exempt under Rule 287(c).

NAME Quinn AyellDATE 1/17/17SUPERVISOR MB 1/17/2017