

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

N750147870

FACILITY: KINDEL FURNITURE COMPANY, LLC		SRN / ID: N7501
LOCATION: 4047 EASTERN AVENUE SE, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Dennis Patterson , Vice President		ACTIVITY DATE: 02/13/2019
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unannounced, scheduled inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility to conduct an unannounced, scheduled inspection and met with Dennis Patterson, Vice President of Finance.

I informed Mr. Patterson that this was a routine, scheduled inspection that would include a record keeping review and facility walk-through.

#### FACILITY DESCRIPTION

Kindel Furniture Company is a residential and contract furniture manufacturing company. This includes woodworking activities as well as staining and painting. The wood particulate emissions generated from woodworking equipment is ducted to a baghouse that is exempt from permitting pursuant to Rule 285(2)(l)(vi). There are 7 total paint booths at the facility that are exempt from permitting pursuant to Rule 287(2)(c). The facility also operates as a Synthetic Minor facility for Hazardous Air Pollutants pursuant to Opt-out Permit to Install No. 185-05D.

During the pre-inspection permit review, I learned that there is a General PTI – Coating Lines active for this stationary source under the name of “Taylor Company”. Mr. Patterson and I discussed that this is old and should be voided. A void request has been made to correct this in our system.

#### COMPLIANCE EVALUATION

Mr. Patterson provided me with a tour of the facility and information on the operations. Kindel uses a variety of raw materials to make high end custom furniture as well as furniture made to order with a veneer finish. The areas surrounding the various woodworking equipment was neat and capture of wood particulate working well. The baghouse vents externally during the summer and is re-routed back into the building in the winter months to save heat. The filters are rotated every six months and are replaced annually.

In the finish area, the filters in the first booth observed were sagging and in poor condition and the employee was in the process of changing them as I arrived. I noted that they need to be monitoring the condition of the filters and changing out as necessary, not when the inspector arrives. All other booth filters appeared acceptable and we discussed proper placement and replacement.

I asked to see the sheet that is kept in the finish area that is the basis for the recordkeeping and was able to view the weekly report that painters generate and send to the office for integration into the emissions spreadsheet. I called and sent an email to Mr. Patterson requesting records to demonstrate compliance with the Rule 287(2)(c) exemption and the permit and the information was sent to me immediately via email from Jane Collier, Purchasing Director.

Emissions of Hazardous Air Pollutants (HAP) are limited by Opt-out PTI No. 185-05D to less than 9.0 tons per 12-month rolling time period for each individual HAP. The highest reported individual HAP reported for the 12-month period ending January 2019 was ethylene glycol monophenyl ether at 0.252 tons.

Emissions of HAP are limited to less than 22.5 tons per 12-month rolling time period for aggregate HAPs. The total reported HAP for the 12-month period ending January 2019 was 4.60 tons.

Recordkeeping for the facility appears to be maintained as required by the permit and the permit exemptions on a per booth basis. The recordkeeping is acceptable and is attached.

The facility is also maintaining record of total Volatile Organic Compound emissions which are reported at 5.2 tons for the 12-month rolling time period ending January 2019.

**CONCLUSION**

**Kindel Furniture Company was in compliance at the time of the inspection.**

NAME Paul Lippman

DATE 2-25-19 SUPERVISOR [Signature]