

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

N498933811

FACILITY: THE L J GASCHO FURNITURE CO		SRN / ID: N4989
LOCATION: 8308 HAIST RD, PIGEON		DISTRICT: Saginaw Bay
CITY: PIGEON		COUNTY: HURON
CONTACT: Laura Buschlen , HR		ACTIVITY DATE: 03/17/2016
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: unannounced inspection to determine compliance with PTI 135-00D.		
RESOLVED COMPLAINTS:		

I, Sydney Bruestle, arrived onsite around 9:30 am on March 17, 2016 for an unannounced inspection of L.J. Gascho Furniture, located at 8308 Haist Road, Pigeon MI. I met with Laura Buschlen for a site walk through and record review to verify compliance with PTI 135-00D.

Gascho furniture operates 6 of 8 spray booths on site. They currently employ 47 people and operate 5 days a week. Spray booths 1 and 2 are no longer used and booth 2 has been completely dismantled. Spray booths 10 and 11 are used for stain, booths 12 and 13 are used for seal coat, and booths 14 and 15 are used for top coat application. All waste materials were being properly stored/disposed of at the time of my visit.

The following table shows the compliance status for each condition in PTI 135-00D. The facility appeared to be in compliance with the permit conditions, emission limits, and all state regulations at the time of the onsite inspection.

FG-Woodfinishing	Pollution Control: Dry Filters			
	Pollutant Limit	Records Checked/Notes	Record Keeping Requirements	Records Received/Reviewed
	VOC, Acetone, methyl acetate combined : 45.0 tpy	Checked February 2016 12 month rolling time period is 39.38 tpy December 31 2015 12 month rolling time period: 34.97 tpy	Gallons (with water each material used) Monthly	Records are being kept
	Isopropanol: 213.8 lb/day	Highest Emissions December 2015: 26.6 lbs/day Highest emissions Feb 2016: 26.4 lbs/day	VOC content (minus water and with water), Acetone content (with water), methyl acetate content (with water) of each material used Monthly	In Compliance
	Butanol: 340.1 lb/day	Highest Emissions December 2015: 68.2 lbs/day Highest Emissions Feb 2016: 65.5 lbs/day	VOC, acetone, and methyl acetate mass emission calculations monthly emission rate	In Compliance
	Mixed Xylenes: 97.2 lb/day	Highest Emissions December 2015: 12 lbs/day Highest Emissions Feb 2016: 11 lbs/day	VOC, acetone, and methyl acetate mass emission calculations annual emission rate (tons per 12 month rolling time period)	In Compliance

	shift	EMISSIONS Fed 2010: 133.3 lbs/8 hr shift	xylene	
	VOC content of primers: 3.7 lb/gal	Content of primer: 3.66 lbs/gal	Daily records of Gallons of material reclaimed containing isopropanol, butanol, and mixed xylene	In Compliance
	VOC content of Stains: 6.3 lb/gal	Highest VOC content of stains: 5.67 lbs/gal	Daily records of isopropanol, butanol, and mixed xylene content in lb/gal of each material used	In Compliance
	VOC content of sealers: 5.4 lb/gal	VOC content of sealer: 5.4 lbs/gal	Daily emission rate (lb/day) of isopropanol, butanol, and mixed xylene	In Compliance
	VOC content of topcoats: 4.9 lb/gal	VOC content of Topcoat: 4.82 lbs/gal	Records each 8-hr shift of gallons of each petroleum hydrocarbon containing material used and reclaimed	In Compliance
FG-WoodFinishing	VOC content of paints: 4.7 lb/gal	VOC content of Paint: 4.19 lbs/gal	Records each 8-hr shift petroleum hydrocarbons content in lb/gal of each material used	In Compliance

All Booths except Booth 1	VOC, Acetone, methyl acetate combined: 20 tpy	Highest emissions for a single booth in Dec 2015: 7.65 tpy (booth 10) Highest Emissions for a single booth in Feb 2016: 8.65 tpy (booth 10)	Records each 8-hr shift of petroleum hydrocarbon emissions (rate in lb/8-hr shift)	Highest emissions Dec 2015: 160 lbs/ 8 hr shift Highest emissions Feb 2016: 133 lbs/ 8 hr shift
EU-Booth-01	VOC, Acetone, methyl acetate combined: 0.2 tpy	This booth has been dismantled	<u>Comments:</u>	
	<u>Pollutant Limit</u>	Records Checked/Notes	<u>Record Keeping Requirements</u>	Records Received/Reviewed
	Each Individual HAP < 9.0 tpy	Highest individual HAP emission in Feb 2016 was butanol: 6.8 tpy	Monthly records of gallons or lb of each HAP containing material used and reclaimed Monthly Records of HAP content (lb/gal or lb/lb)	In Compliance
<u>FG Facility</u>	Aggregate HAPs < 22.5 tpy	Feb 2016 12 month rolling time period: 13.2 tpy	Monthly and Annual emission rate calculations (ton/month) for individual and aggregate HAPs	In Compliance
	Formaldehyde: 0.8 tpy	Emissions 12 month rolling time period Feb 2016: 0.033 tpy	Monthly records of gallons or lb of each formaldehyde containing material used and reclaimed Monthly Records of Formaldehyde content (lb/gal or lb/lb)	In Compliance
			Monthly and Annual emission rate calculations (ton/month) for formaldehyde	In Compliance

NAME Steph B...

DATE 03/02/16

SUPERVISOR C. Stone