

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

N732824843

FACILITY: MIDDLETONS MOULDINGS		SRN / ID: N7328
LOCATION: 575 RACE STREET, COLDWATER		DISTRICT: Kalamazoo
CITY: COLDWATER		COUNTY: BRANCH
CONTACT: James Brock, III, Plant Manager		ACTIVITY DATE: 04/10/2014
STAFF: Dennis Dunlap	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM 208A
SUBJECT: Scheduled inspection.		
RESOLVED COMPLAINTS:		

The specific time for this inspection was not announced ahead of time. Jamie Brock was the contact person. AQD staff arrived on site at approximately 9:20 AM. The facility works 1 shift 5 days a week and sometimes Sat. AM. There are about 49 full time employees and with temp. employees the total is about 67. There are two buildings- the new finishing building and the mill building. The inspection brochure was handed out.

NEW BUILDING

1. Spray booth # 3. This is a new robotic spray booth for panels. It is operating under a Rule 287(c) exemption. It has a stack that goes up through the roof. According to records it used 922 gallons in 2013 and 105 gallons in Feb. 2014.
2. UV flat line or roll coater. It is operating under a Rule 287(c) exemption. This uses UV coatings. There are two UV curing areas. There is one stack to the roof. According to records it used 740 gallons in 2013 and 6.6 gallons in Feb. 2014.
3. Linear stain booths. There are 8 stain booths in this building. They are operating separately under a Rule 287(c) exemption. For Feb. 2014 they all were under 200 gallons. Records for the total gallons used in 2013 for each booth were viewed.
4. Top Coat 1 booth; Top Coat Booth 2. One booth has an electric I.R. oven and one has a gas-fired oven. These two booths each are operating under a Rule 290 exemption. According to usage records each booth was under 1,000 pounds of VOC for each month of 2013 (August 2013 for Top Coat 2 was not seen) and for Feb. 2014.
5. Stain-wiping operation. It is operating under a Rule 287(c) exemption. This is used to stain certain profiles by hand. In 2013 66 gallons of stain was used and in Feb. 2014, 6.3 gallons were used.

In this room there were a total of 13 separate coating lines that were operating or had records that were viewed. Acetone is used for cleanup.

Also in this room were two de-nib machines which were connected to an inside dust collector. There is also a wide-belt sander and a flat sander connected to another inside dust collector.

Mill Building

This building is used mainly for cutting and sanding wood but has some coating operations. One room is used to make mantles and bookcases. Some water-based glue is used here. The wood processing operations are connected by ductwork to an outside dust collector. The sawdust from the dust collector is conveyed to a storage silo. The sawdust is then used for animal bedding. The silo is emptied a couple of times a week. The bags are checked quarterly. There is a differential pressure gage. It was reading 4. During the winter months the dust collector exhaust is returned inside the building.

1. Spray booth 1, Spray booth 2, and Lab Booth. The stacks for these were viewed outside. One had a cap and one had the cap off. One of the spray booths had a loose filter that was corrected. They each are operating under a Rule 287(c) exemption. According to records they are under 200 gallons a month for Feb. 2014. For 2013 total gallons used were 16.13 for the Lab Booth, 1,015 for Booth 1, and 372.14 for Booth 2.

2. UV vacuum coater. It is operating under a Rule 287(c) exemption. According to records 740 gallons were used in 2013 and 6.74 gallons in Feb. 2014. It has a stack that goes out through the roof.

3. Linear stain booth 9. It is operating under a Rule 287(c) exemption. According to records it used 422 gallons in 2013 and 58 gallons for Feb. 2014. It has a stack that goes out through the roof.

In the mill building 5 separate coating operations were viewed. According to records a total of 33 tons of VOC was emitted by the facility. The facility is in the process of switching some of the coatings to no VOC coatings that contain acetone. It appears that the facility is in compliance.

NAME Dennis Dunlap

DATE 4/15/14

SUPERVISOR MB 4/17/2014