

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

A087832626

FACILITY: ANTHONY AND CO INC		SRN / ID: A0878
LOCATION: 1501 N 23RD ST, ESCANABA		DISTRICT: Upper Peninsula
CITY: ESCANABA		COUNTY: DELTA
CONTACT: Ted LaMarche , Plant Supervisor		ACTIVITY DATE: 12/18/2015
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled, unannounced, compliance inspection.		
RESOLVED COMPLAINTS:		

I arrived at the plant and met with Mr. Ted LaMarche for an unannounced, compliance inspection. The company was issued permit to install (PTI) number 729-92 for one Fitzgibbons wood-fired boiler with mechanical feed system and one 2.0 million BTU per hour wood-fired hot air furnace. The wood-fired hot air furnace was decommissioned and removed from the facility.

Mr. LaMarche explained to me the company produces paint paddles from white birch logs and uses the Fitzgibbons boiler to provide the steam and heat for the building and the production process. The fuel for the boiler is the scrap wood produced on site.

The company purchases white birch logs and stores them on site until needed. The logs are cut to length and placed in racks prior to entering steam chambers for approximately 18 hours. The steam chambers saturate the wood chunks which allows the lathe to shave an approximate 1/8" thick veneer from the log. The veneer is shaven off until the log is approximately 4-inches in diameter. The veneer comes off the lathe in rolls. The 4-inch diameter logs are sold as firewood and the veneer rolls are then fed into a stamping machine that forms the paint paddles. The paddles are placed into one of seven dryer drums and tumbled overnight and sorted the next day. Each dryer can process 20,000 paddles at a time.

After the paddles are dried and sorted labels are printed on them per customer specifications. The company uses several ink printers for this process. Mr. LaMarche said the company will also buy paddles, yard sticks and carpenter pencils to paint or print labels on. The company uses very little ink in the printing process and Mr. LaMarche informed me their insurance company limits them to only having 20 5-gallons pails of ink in the building at one time. There is also a small, self-contained paint booth on site. All of the painting and printing equipment fall under the Rule 287 exemption.

Prior to entering the plant and immediately after the inspection, I observed the plume from the Fitzgibbons wood-fired boiler to document any visible emissions. The skies were overcast and the gray, smoke plume was less than 10% during the approximately 20 minutes of my observations, in compliance with Special Condition (SC) No. 15 of PTI No. 729-92. The company added a cyclone to the exhaust of the boiler, prior to exiting the stack (SC No. 21). Mr. LaMarche said the cyclone works very well and has reduced the opacity from the boiler. The ash is captured in a metal drum below the cyclone. The drum is emptied on average every three days and the ash is placed in a dumpster located behind the building for disposal at a landfill (Special Condition Nos. 19 and 20).

At the time of my inspection the company appeared to be in compliance with their permit and the Air Pollution Control Rules.

NAME Ed Lancaster DATE 12/22/15 SUPERVISOR _____