

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

B147133560

FACILITY: TIMBER PRODUCTS MICHIGAN		SRN / ID: B1471
LOCATION: HIGHWAY M-28, MUNISING		DISTRICT: Upper Peninsula
CITY: MUNISING		COUNTY: ALGER
CONTACT: Rich Aldrich , Plant Engineer		ACTIVITY DATE: 03/01/2016
STAFF: Joel Asher	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Compliance inspection		
RESOLVED COMPLAINTS:		

On 3/1/16 I conducted an unannounced inspection of this facility. My contact was Mr. Rich Aldrich, the plant engineer. The facility presently operates one shift with 165 employees.

The facility has continued the same operations since my last inspection of 5/15/2015. The facility has one active PTI, #292-96.

Special Condition (SC) 18 limits the facility to 44,500 tons of wood fuel usage in Boilers #1, #2, #3, and #4 combined, based on a 12 month rolling average. The calculations must be completed at the end of each calendar month. Compliance with this condition is demonstrated by utilizing the information specified in SC 19.

SC 19 allows the facility to calculate their wood fuel usage by using a measured surrogate parameter of boiler feed water flow with a conversion factor of 3.0 pounds of boiler feed water per pound of wood fuel. Records are kept of the boiler feed water in gallons per day. This is converted by the following calculation: # gallons / .375 / 2000. Where .375 equals the number of gallons in 3 pounds of feed water and 2000 converts the total into tons. Monthly records for 2014 and 2015 were observed, satisfying the SC 19 requirement of maintaining records for two years. A copy of the monthly sheet for December 2015 was obtained and is attached to the inspection report. Mr. Aldrich pointed out they are aware of a calculation error in January and February of 2016. He is planning to make the correction in the spreadsheet and reprint the monthly sheets. Once this is completed he will send copies of the new sheets to me.

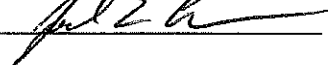
SC 20, 21, 22, 23, and 24 refer to the burning of waste oil in the boiler. As was previously agreed, the facility no longer burns their waste oil. All waste oil is shipped off site. All equipment that was previously installed to allow for the burning of the waste oil has been removed. Hazardous waste manifests are kept for all waste oil shipped off site. Mr. Aldrich introduced me to Ms. Rachelle Hannah. She provided copies of all waste manifests for the waste oil shipped off site during 2015. Copies are attached to the inspection report.

SC 27 limits the facility to not exceed a 6 minute average of 20% opacity of visible emissions from the sawmill, veneer mill, planer, and hydraulic ladder. Mr. Aldrich has plans to attend a Visible Emissions training this spring. He plans to take another staff from the plant with him. The facility does not have any requirements to have a certified Visible Emissions reader on staff. However, having staff attend the training would allow them to have a better understanding of what these emission limits represent and whether or not the facility is in compliance with their limits.

SC 31 requires the facility to manage dust collected from collectors and maintain the dust collectors as necessary. The facility has three cyclones. One for the planer, one for the sawmill, and one for the hammer mill. Dust from the planer and sawmill are collected outside and transferred to the wood fuel pile. The hammer mill waste is collected inside.

SC 33, 34, and 35 relate to the adhesive used at the facility. Monthly records are maintained of all adhesive used. Records are tallied for the calendar year. In 2014 the facility used 5880 pounds; in 2015 they used 6477 pounds. This is well below the limit of 5000 pounds per month specified in SC 33. In January of 2016 they used 475 pounds. No changed or substitutions of adhesives have been made.

No complaints have been received regarding this facility. No violations of PTI 292-95 were observed during this inspection.

NAME DATE 3/3/16SUPERVISOR 