

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

B201328917

FACILITY: Ox Paperboard of Michigan, LLC		SRN / ID: B2013
LOCATION: 700 CENTREVILLE RD, CONSTANTINE		DISTRICT: Kalamazoo
CITY: CONSTANTINE		COUNTY: SAINT JOSEPH
CONTACT: Tim Michaels, Plant Manager		ACTIVITY DATE: 03/24/2015
STAFF: Dennis Dunlap	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Scheduled inspection.		
RESOLVED COMPLAINTS:		

This was not an announced inspection. The inspection brochure was handed out. Mr. Tim Michaels is the contact person.

The inspection began with a walk-through. The lamination machine was in operation. This takes 3-5 plies of paper and uses a water-based glue to glue the layers together. One side of the paper may have a plastic film that was applied using the extruder machine. This machine heats plastic pellets and applies the melted plastic in a thin film of about 0.8 mils. The plastic pellets are stored in an outside silo and conveyed to the extruder. The glue is mixed in an area above the laminator. There is a mixing tank for the glue. There is a flexographic printer on the lamination machine. Red ink was being used to print on one side of the paper. It was recommended that the ink containers be covered with a lid or other cover. There is a trim machine to size the paper. Cuttings go to a chopper machine. There are two outside cyclones associated with the chopper, These are connected to a dust collector. Large pieces of cuttings are conveyed back from the dust collector to the pulper. Fine particles are collected in the hopper below the dust collector. There is another flexographic printer that is not used.

The pulper uses 100% recycled paper stock. The paper machine may use several additives such as a brown dye, a polymer, or a coating. Rolls of paper are produced on the paper machine.

There are two boilers, north and south. They are natural gas-fired with oil capability. Oil has not been used since 2010 and the oil tank is empty. All the natural gas used at the facility is assumed to be fired in the boilers. They keep a log book for boiler maintenance activities. Appendix B of the ROP contains the Malfunction Abatement Plan for the boilers. The boilers are subject to the area source MACT JJJJJJ. This will be included with the ROP renewal application. There is also a diesel fire pump subject to the Rice MACT ZZZZ that will be included in the application. It is dated 1972 and rated at 720 hp.

Two cold cleaners were seen in the maintenance shop. The lids were closed and rules were posted. Some welding was also taking place here.

Records were seen for three Rule 290 groups. The records were from Jan. 2015 back to Feb. of 2013. These include EUPAPERMACHINE, EULAMINATOR, and EUFLEXOPRESS2. It appears that they are in compliance.

The facility is also calculating HAP emissions as required in the source-wide table in the ROP.

The facility is tracking monthly natural gas usage for the boilers.

The facility will be submitting the ROP renewal application soon.

NAME Dennis Dunlap DATE 3/25/15 SUPERVISOR UD 3/25/2015