

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

N203933119

FACILITY: GRUPO ANTOLIN		SRN / ID: N2039
LOCATION: 6300 EUCLID, MARLETTE		DISTRICT: Saginaw Bay
CITY: MARLETTE		COUNTY: SANILAC
CONTACT: Hellen Thompson , Environmental Compliance		ACTIVITY DATE: 01/28/2016
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection to evaluate compliance with PTI 255-03		
RESOLVED COMPLAINTS:		

*opt out  
C.H.*

I (SLB) performed an inspection of Grupo Antolin located at 6300 Euclid St. in Marlette, MI on January 28, 2016. I met with Hellen Thompson environmental compliance manager, and Scott Trowbridge (Senior Process Engineer) they provided appropriate records, and gave me a tour of the facility.

Facility Description

Grupo Antolin currently operates 3 shifts and employs approximately 382 people.

Process flow for the facility consists of foam manufacture, foam cutting, substrate preparation, pressing, cutting out the headliners, and some assembly (dome lights, power windows, etc.) The process begins with the pouring of foam buns. A methylene diphenyl isocyanate/polyethylene glycol (MDI/Polyol) mixture is pumped into appropriately sized pans. The foam expands inside the pans to form buns roughly 4 feet thick. The buns are removed and stored in a fire proof storage room for at least 48 hours, Until completely cured the buns are flammable.

Grupo Antolin produces a polyurethane foam board that is coated with an adhesive, chopped fiberglass and sandwiched with a fabric, which forms a substrate. The substrate is then molded into appropriate headliner shapes in a press. The process includes a foam press, an electric oven used for cleaning the process (molds) equipment, a carpet cutting line, some miscellaneous operations that includes final assembly, a thermoset press, and a water jet trim machine and the final parts of the process are the two primary headliner processes, one is called Glasutec and the other is called PET which uses recycled polyethylene for producing headliners. All of the processes are vented to the inplant environment.

Compliance Evaluation

MSDS for the particular isocyanates and polyol mixtures were available and noted negligible volatilization. MDI is the only HAP associated with the process emissions therefore, the individual HAP emissions are also the aggregate emissions. The emissions at the facility are very minimal as confirmed by the EVALFORM.

Ms. Thompson maintains HAPs records for the FGPROCESS and the aggregate HAPs for the 12-month rolling time period of January 2014 thru December 2015 was 0.5774 pounds or 2.8E-4 TPY, well under the limit of 22.5 TPY (see attached records).

At the time of my inspection the facility was in compliance with its permit (255-03) and AQD's rules.

NAME *Sydney Bruestle*

DATE 01/28/16 SUPERVISOR *C. Hare*