

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U23161170637271

FACILITY: Air Lift Company	SRN / ID: U231611706
LOCATION: 2727 Snow Rd, Lansing	DISTRICT: Lansing
CITY: Lansing	COUNTY: EATON
CONTACT: Adam Koch , Facilities, Equipment, and Safety Engineer	ACTIVITY DATE: 10/20/2016
STAFF: Michelle Luplow	COMPLIANCE STATUS: Compliance
SOURCE CLASS:	
SUBJECT: Self-initiated inspection as part of a facility survey in the Canal Rd, Creyts Rd, and Lansing Rd areas.	
RESOLVED COMPLAINTS:	

Inspected by: Michelle Luplow

Personnel Present: Adam Koch (akoch@airliftcompany.com), Facilities, Equipment and Safety Engineer**Purpose:**

Conduct an unannounced, self-initiated compliance inspection to determine compliance with Michigan Air Pollution Control Rules, and also conducted as part of a survey of facilities within the Canal Rd-Creyts-Rd-Lansing Rd areas.

Facility Background/Regulatory Overview:

Air Lift has been in business since 1949, and Adam Koch, Engineer, said that they have been present at this location since 2000. In 2011 he said they expanded the building. There are no records in MACES that we have inspected this site in the past. A. Koch said they manufacture and assemble air springs for automobiles.

Inspection:

At approximately 10:45 a.m. on October 20, 2016, I met with Adam Koch, Facilities, Equipment and Safety Engineer, and I explained to him that I was there to do an inspection as part of a survey of facilities in the area. I provided him with a July 2014 Permit to Install (PTI) Exemption handbook.

He explained that they operate 5 days a week, 3 shifts, with an occasional shift on Saturdays.

Table 1 contains a list of all equipment present onsite. A. Koch said Air Lift has no emergency engines or boilers.

Table 1. Equipment

Emission Unit	PTI Exemption	Compliance Notes
Welding Plasma Cutting	Rule 336.1285(i)	Compliance
Metal Bending	Rule 336.1285(l)(i)	Compliance
Electrically heated environmental test chamber	Rule 336.1282(a)(i)	Compliance
Aerosol can spray painting	Rule 336.1287(b)	Compliance
Two (2) Plastic Injection Molders (polyurethane & glass- filled nylon)	Rule 336.1286(b)	Compliance
Three (3) Natural gas-fired furnaces to heat the building (Thermo Cycler).	Rule 336.1282(b)(i)	Each furnace is 830,000 Btu/hr. Exemption allows up to 50 MMBtu/hr.
One (1) Parts Washer	Rule 336.1281(h)	Unit is ~2.5'x3'. Heritage Crystal Clean Solvent used. Operating instructions present on unit.
Five (5) CNC machines (machine parts)	Rule 336.1285(l)(vi)	Compliance

Exempt Equipment

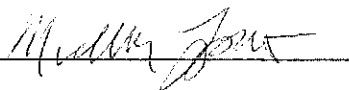
All equipment that I was shown appears to be PTI-exempt.

There is 1 Graymills parts washer approximately 7.5 ft² in surface area (3'x2.5') and is exempt from a PTI per Rule 281(h). The lid was closed on this unit and operating instructions for this unit can be found on the inside of the lid. The unit contains a blue solvent, Heritage Crystal Clean (Stoddard Solvent), which contains Nonane, trimethylbenzene, toluene, naphthalene, and ethylbenzene. A. Koch said Heritage services this unit and removes the waste solvent/replenishes the solvent every 3-6 months.

The 2 injection molders are used to create the red polyurethane air spring bags and the nylon caps for the other type of air springs that Air Lift manufactures. The red polyurethane bags are pieced together via a welding process. The exhaust gases from these two molders is vented outside. These two pieces of equipment appear to be exempt per Rule 286(b).

Air Lift appears to be in compliance with Michigan's Air Pollution Control Rules at this time.

NAME



DATE

10/26/16

SUPERVISOR

