

N8227

MANILA

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

N822737557

FACILITY: R L SCHMITT CO INC		SRN / ID: N8227
LOCATION: 34506 GLENDALE, LIVONIA		DISTRICT: Detroit
CITY: LIVONIA		COUNTY: WAYNE
CONTACT: Bruce Schmitt , President		ACTIVITY DATE: 11/09/2016
STAFF: Todd Zynda	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

PURPOSE OF INSPECTION: Scheduled
 INSPECTED BY: Todd Zynda (AQD)
 PERSONNEL PRESENT: Bruce Schmitt, President
 FACILITY PHONE NUMBER: (734) 525-9310
 FACILITY FAX NUMBER: (734) 525-1616
 FACILITY WEBSITE: www.rlschmitt.com

FACILITY BACKGROUND

R.L. Schmitt (RLS), located at 34506 Glendale, Livonia, Michigan, manufactures ANSI standard and custom fixed-limit gages for various industries. The close tolerance gages (referred to as go-no-go gages) are manufactured from ceramic and tungsten carbide.

The facility currently has 15 employees and operates from 6:00 AM to 4:30 PM, five days a week. The facility operates five small natural gas heaters (less than 1 MMBTU), surface grinders, lathes, saws, milling equipment, a C&C machine, and a small brazing bench (silver).

COMPLAINT/COMPLIANCE HISTORY

There have not been any complaints for this facility. The most recent inspection occurred on July 18, 2014. At that time the company was determined to be in compliance with air quality rules and regulations.

OUTSTANDING CONSENT ORDERS

None

OUTSTANDING LOVs

None

INSPECTION NARRATIVE

On November 9, 2016 Michigan Department of Environmental Quality (MDEQ) Air Quality Division (AQD) inspector Mr. Todd Zynda conducted an unannounced inspection of RLS. During the inspection, Mr. Bruce Schmitt, President, provided information and tour of facility operations relating to air quality.

A tour/inspection of the facility was conducted. The facility operates various machining equipment to manufacture the go-no-go gages. The emissions from various machining equipment (grinders, lathes, saws, mills) are either released to the general in-plant environment or captured and ducted to a dust collector, which also vents to the general in-plant environment. The C&C machine at the facility is new (approximately 8 months old) and is equipped with an oil mist collector that is vented to the general in-plant environment. The silver brazing bench is ducted so that emissions exhaust to outside ambient air on the north side of the building.

According to Mr. Schmitt, the brazing area is used approximately once a week. The five natural gas roof top heaters are used to heat the facility during colder months. According to Mr. Schmitt the facility does not operate any cold cleaners/parts washers, boilers, or emergency engines.

PERMIT TO INSTALL EXEMPT EQUIPMENT

At the time of inspection, all equipment at the facility is exempt from permit to install requirements.

Natural Gas Heaters

The five natural gas heating units, are exempt from PTI requirements under the following Rule.

R336.1282(b)(i): "Permit to install does not apply to.. Sweet natural gas, liquefied petroleum gas, or a combination thereof and the equipment has a rated heat input capacity of not more than 50,000,000 Btu per hour."

Brazing

The brazing operations at the facility are exempt from PTI requirements under the following Rule.

R336.1285(i): Permit to install does not apply to.. brazing, soldering, welding, or plasma coating equipment."

Machining Equipment

The machining equipment at the facility is exempt from PTI requirements under the following Rule.

R336.1285(l)(vi)(B): "Equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, ... which has emissions that are released only into the general in-plant environment."

APPLICABLE FUGITIVE DUST CONTROL PLAN CONDITIONS

Not Applicable. All lots are paved.

MAERS REPORT REVIEW:

The facility is not required to submit Michigan Air Emission Reporting System (MAERS).

FINAL COMPLIANCE DETERMINATION:

At this time, this facility appears to be in compliance with federal and state air quality regulations. The equipment at the facility is exempt from PTI requirements.

NAME

DATE

11/9/16

SUPERVISOR

JK