

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N338769864

FACILITY: Truck Collision Services, Inc.		SRN / ID: N3387
LOCATION: 16260 Felton Road, LANSING		DISTRICT: Lansing
CITY: LANSING		COUNTY: CLINTON
CONTACT: Ray Chatfield , Owner/Manager		ACTIVITY DATE: 11/14/2023
STAFF: David Rauch	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: A routine inspection of the facility to ensure compliance of PTI 276-92.		
RESOLVED COMPLAINTS:		

On November 14, 2023, the State of Michigan's (SOM) Environment Great Lakes and Energy (EGLE) Air Quality Division (AQD) performed a routine inspection of Truck Collision Services, Inc. (TCS) in Lansing. The inspection was conducted to ensure compliance with PTI 276-92.

The Environmental Contact:

Ray Chatfield, Owner/Manager, 517-886-4510, rchatfield@ameritech.net

Facility Description:

This facility is a truck collision repair shop that repairs semi-trucks that have been in accidents. The facility has metal surface grinding equipment, welding, fabrication, sandblasting, and a large paint booth for full-service body repairs.

Regulatory Overview:

This facility is classified as a minor source due to the lack of Potential to Emit and actual emissions. This facility does not have the potential to emit over 10 tons of a single Hazardous Air Pollutant (HAP) or a combined 25 tons of all HAPS. Facilities that are under these emissions are not subject to the Title V Renewable Operating Permit (ROP) program.

Emission Units:

Equipment	Location	Exemption	Vented	Chemicals	Controls	Compliance
Large Spray Booth	Separate Unit	276-92	Externally	Paint/Acetone	Filters and Usage	Y
Large Grinding Booth	Separate Unit	285(2)(I)(vi)(B)	Internal	NA	Filters	Y
2 mobile grinding booths	Near paint station	285(2)(I)(vi)(B)	Internally	NA	HEPA filters	Y

Welding Station	North side of Plant	285(2)(i)	Internally	NA		Y
Break Press	North Side of Plant	285(2)(l)(i)	Internally	NA		Y
Parts washer	North Side of Plant	281(2)(h)	Internally	Mineral Spirits		Y

Facility History:

This facility has operated in this location for over 30 years and began in 1990. The permit for the facility was issued in 1992.

Inspection:

I arrived at Truck Collision Services Inc. at approximately 10:30 am where I met with Ray Chatfield (Owner/Manager). Ray was aware of the permit and we took a tour of the facility to look at the emission units from the site's previous inspection. While touring the facility we began in the paint area and wit the large paint booth covered under PTI 279-92. The paint booth was very clean and the filters were in good condition. The paints for the paint booth are a specific hardening type used for trucks. The facility maintained usage records for the paints and used HPLV guns to apply the paint. Outside for the paint booth was a gun cleaning station and solvent recycling equipment. The solvent used is acetone which is not a VOC and is contained within the plant atmosphere. The opening to the cleaning station was closed and there were no odors observed. We walked through the drying area for small parts and observed the mobile grinding units with the HEPA filters. Following the paint side of the building we walked through a shop area where parts are kept and a parts washer was kept. The parts washer was closed and in compliance. The other side of the building was the work bays that had an alignment machine to realign truck frames, a trailer work area and another work bay for repairs. The site drains out oil and gas before repairing certain trucks. Oil is kept in a 55-gallon drum. The facility has a welding station, and presses in the work bay area. These processes are exempt. While on site the facility was taking apart and repairing a truck trailer. No other operations were occurring at this time as the facility was not using the paint booth.

Safety Data Sheets (SDS) are maintained electronically and the information on where to find them is posted in the work bays for employee access. Purchase records for paint coating and solvent usage are available. A consultant, GMG EnviroSafe maintains the facility records for safety and environment.

For the paint booth which is operating under PTI 276-92, per the emissions records given to AQD staff the facility was under the 2.1tpy limit set in the permit. (See Facility Records), also per the permit records are kept on site for two years. Upon review facility was in compliance. Facility also stated that they only order 2 to 3 55-gallon drums of Acetone for the year.

Fee Status:

This facility is not subject to MAERS Fees due to them not meeting the Fee Category of F as a minor source.

Location:

16260 Felton Road, Lansing, Michigan 48906

TCS is located in northwest Lansing in an industrial/commercial area west of the Royal Scott Golf Course. The area surrounding the plant is mixed use with some residential housing to the north, a farm field to the east, and commercial/industrial properties to the south and west.

Facility Record Keeping:

Month-Year	Total Volume Gal	Total VOC	Cleaners/Solvents	Total VOCs Column 2/3
Jan-22	18.29	49.3	0	49.3
Feb-22	7.16	20.3	0	20.3
Mar-22	31.26	89.1	0	89.1
Apr-22	26.34	73.4	0	73.4
May-22	39.64	108.6	0	108.6
Jun-22	25.47	78.3	0	78.3
Jul-22	41.11	110.4	0	110.4
Aug-22	22.53	58.2	0	58.2
Sept-22	29.32	82.3	0	82.3
Oct-22	13.40	38.7	0	38.7
Nov-22	27.59	71.0	0	71.0
Dec-22	40.41	115.2	0	115.2
Totals:	322.52	894.80	0	894.80

Jan-23	26.82	70.5	0	70.5
Feb-23	25.56	69.9	0	69.9
Mar-23	20.28	55.1	0	55.1
Apr-23	44.03	128.1	0	128.1
May-23	24.85	68.0	0	68.0
Jun-23	21.68	64.0	0	64.0
Jul-23	21.57	62.5	0	62.5
Aug-23	20.37	55.7	0	55.7
Sept-23	15.77	43.2	0	43.2
Oct-23	27.40	79.1	0	79.1
Nov-23*	6.46	17.6	0	17.6
Dec-23*	NA	0.0	0	0.0
Totals:	254.79	713.66	0	713.66

*There are not complete records for these months.

Conclusions:

The facility appeared to be in compliance with all applicable air quality rules and regulations, and PTI 276-92. Record keeping demonstrates compliance with the permit's monthly usage of paint and solvent, and VOC emissions. No visible emissions (VEs) were observed from any of the facility exhaust stacks upon arrival. No odors were identified surrounding the facility.

NAME David Rauch

DATE 12/5/2023

SUPERVISOR RB