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

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FACILITY: United Brothers Collision		SRN / ID: P1393
LOCATION: 17169 ALLEN ROAD, MELVINDALE		DISTRICT: Detroit
CITY: MELVINDALE		COUNTY: WAYNE
CONTACT: Sam Abouzeeni , Owner		ACTIVITY DATE: 07/25/2023
STAFF: Jonathan Lamb	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: On-site inspection, FY 2023		
RESOLVED COMPLAINTS:		

An inspection was performed at United Brothers Collision on the afternoon of July 25, 2023. United Brothers Collision is an auto body shop which has been operating under the current name and ownership since 2016. Hours of operation are 8:00 AM - 6:00 PM, Monday through Friday, and 8:00 AM - 3:00 PM on Saturday. The facility does body repair work and minor body painting.

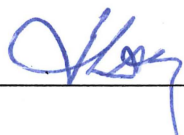
Upon arrival, I met with the two owners of the facility, Sam and Mohammed (Moe) Abouzeeni, and informed them of purpose of my visit and of recent complaints AQD has received regarding paint odors from the facility impacting nearby homes.

Sam Aboudeezi walked me through the facility and showed me the paint booth, which is located on the northwest portion of the building. The paint booth is large enough to fit one full vehicle and is fully enclosed with intake filters on the ceiling and exhaust filters on the lower half of the back (west) wall. The filters appeared to be properly installed and the exhaust filter had only a light coating of paint on it. Mr. Abouzeeni informed me that all filters are replaced weekly; based on visible observation of the filters and the fact there were replacement filters on site I had no reason to doubt that the filters are replaced regularly. The exhaust stack is the largest/tallest vertical stack on the roof of the building; the intake stack is the large curved stack. Paint is applied manually using hand sprayers; the paint container on each sprayer is larger than 8 ounces. There was a small paint mixing room adjacent to the paint booth. The paint mixing room is filled with numerous small (quart- and pint-sized) containers of various colors of paint. The south half of the building is used for body work.

I asked the owners for records of paint usage. They said they do not maintain records of paint usage but did provide records of paint purchases for the month of July. The owners said only minimal painting is performed and estimated that approximately 10-15 quarts of paint are used per month. Based on purchasing records and visual observation of the amount of paint on site and capacity of the paint booth, their estimation of paint usage seems accurate.

Based on my inspection, it appears that the facility should be exempt from permitting per Rule 287(2)(c), since the coating usage rate is under 200 gallons, minus water, per month, and the booth is equipped with properly maintained dry filters. However, I informed the owners that to operate under the exemption they must maintain monthly paint usage records to demonstrate they do not exceed 200 gallons of paint usage per month. The owners agreed to maintain those records going forward.

At the time of inspection, United Brothers Collision appeared to be operating in compliance with applicable State and federal regulations, but AQD will continue to monitor the facility for potential nuisance odors.

NAME 

DATE 8-1-23

SUPERVISOR 