

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

N583635286

FACILITY: BURTEK ENTERPRISES INC.		SRN / ID: N5836
LOCATION: 50405,50325 PATRICIA Avenue, CHESTERFIELD		DISTRICT: Southeast Michigan
CITY: CHESTERFIELD		COUNTY: MACOMB
CONTACT: Sam Serra , Director of operation		ACTIVITY DATE: 06/13/2016
STAFF: Joyce Zhu	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Syn Minor Opt Out
SUBJECT: self-int. inspection		
RESOLVED COMPLAINTS:		

On 6/13, I conducted a self-initiated inspection at Burtek Enterprises, which is located on 50325 Patricia, Chesterfield. Tyler Salamasick accompanied me during the inspection. The inspection was initiated due to the company's failing to submit MEARS report. Lansing has asked me to investigate. We arrived at the location around 1:35PM. We met with Mr. Sam Serra, the director of operation. I explained the purpose of inspection. Afterwards, he took us to see the facility. They have about 103 people working at the facility. Prior to the inspection, I showed them the air use permits & explained the emission reporting requirements. Sam told me that they would submit the MEARS as soon as possible.

#### Inspection:

The company manufactures metal parts according to military specs under defense contracts. One of the buildings is used for metal fabrications. All the exhausts from the processes are vented back to the in-plant environment. There are couple welding machines, water jet cutting machines, & CNC mills on the site. These processes are exempted from the permit to install requirements according to Rule 285.

#### Permit #203-05

The permit covers 3 coating booths. In reality, the paint spray booth in the building located on 50405 Patricia becomes a storage area; another booth has been removed; there is only one booth in use. During the inspection, they didn't operate the spray process. HVLP guns are used in the booth. They replace the filters on a weekly basis. The spent filters will be sent to a waste hauler. A paint reducer is used when the paint is too thick. I observed some overspray inside the booth. All paints were stored in closed containers in metal cabinets. I did not see any spill in the storage area. The paint mixing area is adjacent to the booth. I detected a strong solvent odor there but didn't see any spillage. According to the company's record, the total VOC emissions from the coating process including cleanup operation were 1.5 tons in a 12-month rolling time period for the month of May 2016. The emission is in compliance with the permit limit.

#### #306-08

This is an opt-out permit. Since the total VOC emission from the facility is due to coating process & was less than 2 tons as calculated by the company in May 2016, The resulted HAP emissions were well below the permit limits (9 tons for any single HAP & 22.5 tons for the aggregate HAPs) for May 2016.

In conclusion, other than the MEARS submittal, the company appeared to comply with the Air Quality Regulations & permit requirements.

NAME Jayne St

DATE 7/1/16

SUPERVISOR CJE