

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

U50180915646660

FACILITY: Futura Custom Kitchens		SRN / ID: U501809156
LOCATION: 2929 John B Avenue		DISTRICT: Southeast Michigan
CITY: Warren		COUNTY: MACOMB
CONTACT: Frank Scalzi , Owner		ACTIVITY DATE: 10/02/2018
STAFF: Adam Bognar	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self Initiated Inspection		
RESOLVED COMPLAINTS:		

On Tuesday, October 2, 2018, Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) staff, I, Adam Bognar, conducted an unannounced self-initiated inspection of Futura Custom Kitchens (FCK), 2929 John B Avenue, Warren, MI 48091. The purpose of this inspection was to determine the facility's compliance status with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) rules, and Permit to Install no. 243-86.

I arrived at the facility at around 2 pm. I met with Mr. Frank Scalzi, owner. I identified myself, provided credentials, and stated the purpose of the inspection. Mr. Scalzi had one of his employees give me a tour of the facility.

Futura Custom Kitchens manufactures custom kitchen cabinetry. They receive wood panels as a raw material, cut/machine them to the appropriate shape, paint the panels, and assemble cabinetry from the painted panels. There are approximately ten employees operating from 9 am to 6 pm.

PTI No. 243-86 was issued on December 4, 1986 for a dry filter spray booth and woodworking equipment with a cyclone and baghouse dust collector. This permitted equipment is still in use.

Special Condition 10: Restricts the VOC emission rate from the paint spray booth to 5.5 lbs per day and 1 ton per year. I requested purchase records for the months of February 2018 and April 2018. Total paint/coating purchased in February 2018 was 17 gallons. Total purchased in April 2018 was two gallons. Based on the records I reviewed. Usage appears to be less than one gallon per day, which is the usage that these emission limits were originally based on. FCK appears to meet the emission limits of this permit.

Special Condition 11: Limits the particulate emissions from the woodworking equipment to 0.01 lbs per 1,000 lbs of exhaust gases. FCK should meet this emission limit as the cyclone and baghouse appeared to be functioning correctly.

Special Condition 12: States that there shall be no visible emissions from the woodworking or painting equipment. I did not observe any visible emissions during my inspection.

Special Condition 13: States that FCK shall not operate the woodworking equipment unless the cyclone and baghouse are installed and operating correctly. I observed that this equipment was installed, and it appeared to be operating correctly. I noticed that there was some sawdust scattered on the ground underneath the baghouse. The catch bin that the baghouse is emptied into was left uncovered. I asked FCK staff to keep that bin covered with something when not in use so that collected dust does not blow around in the wind. I asked Mr. Scalzi to send me a picture of their solution to this issue by the end of October 2018.

Special Condition 14: States that FCK shall not operate the paint booth unless all exhaust filters are in place. Dry filters were in place. The booth was not in use during my inspection.

Special Condition 15: Specifies paint booth stack requirements. I did not verify stack parameters during this inspection. Exhaust from the paint booth appeared to be exhausted unobstructed vertically upwards.

Special Condition 16: States that FCK shall not substitute any coating with something that will result in an appreciable change in the quantity or quality of emissions. It appears that not much has changed in the last 30 years at this business.

**Compliance Determination**

This facility appears to be in compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution

Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) Administrative Rules; and Permit to Install no. 243-86.

NAME Adam Boyer

DATE 10/15/2018

SUPERVISOR SK