

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

B639146795

FACILITY: Barron Industries, Inc.		SRN / ID: B6391
LOCATION: 411 N OXFORD RD, OXFORD		DISTRICT: Southeast Michigan
CITY: OXFORD		COUNTY: OAKLAND
CONTACT: GREGORY BARRON , VICE PRESIDENT		ACTIVITY DATE: 10/26/2018
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced Level 2 Self-initiated Inspection		
RESOLVED COMPLAINTS:		

On October 26, 2018, I conducted an unannounced level 2 self-initiated inspection at the Barron Industries, Inc., formerly known as Barron Cast, Inc., located at 411 N. Oxford Road, Oxford, Michigan. The purpose of the inspection was to determine the facility's 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), the Administrative Rules, and the facility's PTI No. 438-78, and PTI No. 503-81. PTI No. 701-79 was voided on February 10, 2017. I was accompanied by Mr. Gregory Barron during the walk-through inspection.

Per Mr. Barron, this facility is a satellite/support facility for the investment casting/foundry facility, Barron Industries, Inc., that is located at 215 Plexus Drive, Oxford, Michigan. I initially went to the main facility at 215 Plexus Drive, Oxford, Michigan. During the pre-inspection meeting, I showed my credentials and stated the purpose of my visit to Mr. Gregory Barron, VP-Engineering and now facility contact person. Mr. Barron informed me that Mr. Brian Klosterman left the company for another job.

The above permits to install were originally inherited from Lanthier Foundry and Machine Co. in the early 1980's where the original company, Barron Cast, Inc. started the business. In the early 1990's, the Plexus Drive facility was built and production has began shifting to this new facility. Over time, the Oxford Road facility became a support facility to the Plexus Drive facility. During inspection, Mr. Barron informed me that this facility is now being utilized for power washing casted parts to remove the mold and some machining processes. I was previously informed that power washing is effective to remove the mold without causing any dents in the aluminum parts. The power washing activity in the Plexus drive facility has been transferred over to this facility. The high pressure wash was being conducted in an enclosed room inside the building. At the time of the inspection, the facility was shutdown for the day. However, Mr. Barron showed me where the power washing activity is being conducted - removing ceramic shell and conducting water blasting for shell cleaning. Near this area, I observed the equipment used to drill/draw holes in castings (reaming process). I was also shown where the former melting/casting processes occurred in this facility and verified that the melting furnaces and the wax burnout furnace under PTI No. 701-79, have been removed. The power banks for the electric induction furnaces were no longer connected to the power supply and were rusting badly and in "junk" condition. The gas line used as fuel supply to heat molten metals was disconnected. The wheelabrator equipment under PTI No. 503-81 and PTI No. 438-78 were still at the facility but not operating at the time of the inspection. Mr. Barron discussed with me any permitting requirements necessary if the company decides to install new torit dust collectors for the power washing/machining activities at this facility and/or replacing the current filter control system under PTI No. 438-78 and PTI No. 503-81 with a more efficient one. I gave

him a copy of the PTI Exemption booklet and also encouraged him to call me before initiating the change.

Overall, I did not find any compliance issues during the inspection.

NAME AM 17

DATE 10/30/2018 SUPERVISOR Joyce B