

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

P0472
manilla

P047240390

FACILITY: Park Metallurgical Corp		SRN / ID: P0472
LOCATION: 6100 Vancouver Street, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Tim Dybas, Plant Manager		ACTIVITY DATE: 06/26/2017
STAFF: Jorge Acevedo	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

REASON FOR INSPECTION: Self-Initiated Inspection

INSPECTED BY: Jorge Acevedo, AQD

PERSONNEL PRESENT: Tim Dybas, Plant Manager

FACILITY PHONE NUMBER: (313) 895-7215 ext. 168

FACILITY WEBSITE: www.heatbath.com

FACILITY BACKGROUND

Park Metallurgical Corporation (Park), a subsidiary of Heatbath Corporation, is located at 8074 Military Avenue (South Building), and 6100 Vancouver Street (North Building), Detroit, Michigan. East and west of the South Building are industrial or commercial businesses. To the south of the South Building is an abandoned property (formerly industrial use).

PROCESS OVERVIEW

Park was founded in 1911, and has existed at its current location since 1930. Park manufactures various compounds for cooling, hardening, and cleaning steel parts. Park's product line consists of quench oils, rubbing compounds, and powdered heat treating salts. Park's customers are metal finishing and heat treating companies operating in the automotive, healthcare, and aerospace industries.

Historically, Park's general processes involved batch blending of various liquids and powders. Reactions did not occur during the blending of raw materials. Quench oils were blended in the South building. The quench oils are powder slurries and are 60 to 70% powder. This process is controlled by a baghouse.

Manufacturing of the building ceased in 2017 according to Mr. Dybas. The North Building is used for distribution only.

COMPLAINT/COMPLIANCE HISTORY

There are no citizen complaints for this facility on file.

The most recent inspection was conducted during September 24, 2015 by the Air Quality Division. At that time it was determined that the facility was operating in compliance with applicable regulations.

OUTSTANDING CONSENT ORDERS

None

OUTSTANDING VIOLATION NOTICES

None

INSPECTION NARRATIVE

On June 26, 2017 the Michigan Department of Environmental Quality (MDEQ) Air Quality Division (AQD) inspector, Mr. Jorge Acevedo conducted a scheduled inspection of Park at 6100 Vancouver Street, Detroit, Michigan.

I arrived at the facility at 1:10PM. Prior to arriving, I performed surveillance near the building. The company's south building appeared vacant. I entered the facility and met with the plant manager, Tim Tybas. I explained the purpose of the inspection. He explained to me that the south building's lease ended at the end of March 2017 and that Park no longer owned the building. He also stated that Park was no longer manufacturing products as that business moved to another state in March 2017. He stated that the building was used for storage and distribution. I asked for a tour of the facility to verify that the equipment was no longer in use. Park Metallurgical applied for a Permit to Install for new equipment in 2013 and was issued Permit to Install 104-13. Mr. Dybas said that the silos have been emptied and he pointed it out to me. He showed me the scrubber and showed how the water line for the scrubber was disconnected. I did not observe any equipment, exempt or non exempt, operating during my inspection. After inspecting the facility, I left at 1:30PM.

APPLICABLE RULES/PERMIT CONDITIONS

Compliance with PTI 104-13 is described below:

The following conditions apply to: FGPLANT4SCRUBBER

DESCRIPTION: Dry powder mixers, a railcar/silo filling station, and a salt briquetter. Dust from these emission units are routed through a wet scrubber.

Emission Units: EUPOWDERMIXER01, EUPOWDERMIXER02, EUPOWDERMIXER03, EUPOWDERMIXER04, EUPOWDERMIXER05, EURAILCARLOADING, EUSALTBRIQUETTER.

POLLUTION CONTROL EQUIPMENT: Wet scrubber system ("Plant 4 Scrubber 01").

I. EMISSION LIMITS

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. PM10	2.0 pph	Test Protocol*	FGPLANT4SCRUBBER	General Condition No. 13	40 CFR 52.21 (c) and (d)
* Test protocol shall specify averaging time					

II. MATERIAL LIMITS

N/A

III. PROCESS/OPERATIONAL RESTRICTIONS

N/A

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall not operate the mixers and other equipment controlled by the fume wet scrubber (FGPLANT4SCRUBBER) unless the wet scrubber system is installed, maintained, and operated in a satisfactory manner. (R 336.1331, R 336.1910)

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

N/A

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

1. The permittee shall monitor and record the scrubber liquid flow rate for FGPLANT4SCRUBBER once each shift that the scrubber operates. (R 336.1910)

VII. REPORTING

N/A

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stack(s) listed in the table below shall be discharged to the ambient air as noted:

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
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	(inches)		
1. SV01	24"x24"	10	40 CFR 52.21(c) & (d)

IX. OTHER REQUIREMENTS

N/A

APPLICABLE FUGITIVE DUST CONTROL PLAN CONDITIONS:


Not applicable. Fugitive dust was not observed to be a problem during the inspection.

MAERS REPORT REVIEW:

Not applicable. The facility is not required to submit Michigan Air Emissions Reporting System (MAERS).

FINAL COMPLIANCE DETERMINATION:

At this time, this facility is not operating equipment and is only used for storage and distribution. The facility does not operate any cold cleaners or emergency generators.

NAME 

DATE 6-20-18

SUPERVISOR W.M.