

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

B428835659

FACILITY: Zoetis LLC		SRN / ID: B4288
LOCATION: 333 Portage Street, KALAMAZOO		DISTRICT: Kalamazoo
CITY: KALAMAZOO		COUNTY: KALAMAZOO
CONTACT: Timothy Popp,		ACTIVITY DATE: 07/25/2016
STAFF: Dennis Dunlap	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection.		
RESOLVED COMPLAINTS:		

This was not an announced inspection. Tim Popp was on vacation so the contact person was John. The facility has three boilers, 1, 4, and 5. Boilers 1 and 4 operate on natural gas. Boiler 5 operates on natural gas and can operate on fuel oil with up to 0.5% sulfur by weight. There are also 9 emergency generators and one fire pump. The facility is covered by permit 4-13B, which is a synthetic minor permit for NOx and allowed installation of Boiler 5. Boiler 4 was previously de-rated under pti 4-13A.

Records were looked at first. For the boilers records were looked at back to June 2015. This included monthly gas usage for each boiler (and oil for Boiler 5), monthly NOx emissions, and 12-month rolling time period gas and NOx records for the boilers combined. Records were checked for Boiler 4 for April 2016 and December 2015 for hourly gas usage in cubic feet. The permit limit is 0.095 MMscf/hr. Boiler 4 was in compliance with this.

The boilers were in compliance with the recordkeeping requirements. Boilers 4 and 5 are subject to 40 CFR Part 60 Subpart Dc. Boilers 4 and 5 are not required to have CEMs, therefore, they won't be doing RATA's. On March 8, 2016, a Method 9 performance test for opacity was conducted on Boiler 5 while operating on oil. Opacity was 0% during the test. For Boiler 5, notifications of construction and initial startup were sent, satisfying the requirements of pti 4-13B. Based on specification sheets from the last delivery of fuel oil for Boiler 5, the sulfur is 11 ppm (0.0011% by weight).

For the generators records were looked at back to August 2015. Records include monthly operating hours and monthly NOx emissions, including 12-month rolling calculations for the generators combined. The generators were in compliance with the recordkeeping requirements.

The NOx emission limit for the facility is less than 90 tons per year based on a 12-month rolling time period. Records indicate that the facility is in compliance with this limit.

A walk through was conducted. This included the boilers and the control room, the seven generators at the 292 Building, and the two generators and the fire pump in Building 300. It appeared that only Boiler 1 was operating. Some of the operating parameters were observed on the control panel including gas usage.

NAME Dennis Dunlap DATE 7/26/16 SUPERVISOR MD 7/26/2016