

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : WILLIAM BEAUMONT HOSPITAL	SRN : G5067
Location : 3601 W. 13 MILE RD.	District : Warren
	County : OAKLAND
City : ROYAL OAK State: MI Zip Code : 48073	Compliance Status : Compliance
Source Class : MAJOR	Staff : Kerry Kelly
FCE Begin Date : 9/1/2019	FCE Completion Date : 4/15/2021
Comments : FY 2021 Full Compliance Evaluation	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
04/07/2021	MAERS	Compliance	MAERS Report Submission. Certification form received. MAERS audit complete. Reported emissions match emissions records provided for FY 2021 compliance evaluation. For ethylene oxide (EtO) emissions calculations, the source assumes that the acid scrubbers controlling the EtO sterilizers have a control efficiency of 99.5%. Testing conducted in January 2021 & manufacturer info indicates an EtO efficiency of greater than 99.9%. The source is using MAERS emission factors for boilers, emergency engines, and cold cleaners.
03/12/2021	On-site Inspection	Compliance	FY 2021 Scheduled Inspection
03/03/2021	MAERS	Compliance	FY 2020 MAERS Certification Report received on time.
02/24/2021	ROP Other	Compliance	Semi-Annual report required in 40 CFR 60.48c(d) and (e) (FG-FUELOIL SC VII.4). Beaumont reported no fuel oil was received during the reporting period and the sulfur content of the fuel oil combusted during the reporting period was provided in a previous report. The previous report stated the maximum sulfur content was 0.0015% by weight.
01/05/2021	Stack Test Observation	Compliance	Off-site stack test observation

Activity Date	Activity Type	Compliance Status	Comments
10/14/2020	ROP Semi 1 Cert	Compliance	Report receive on time. One deviation was reported. The deviation was failure to perform stack testing to determine ethylene oxide (EtO) destruction efficiency associated with the control device for EU-ETOSTERILIZER3 and 4 prior to May 30, 2020. The stack test was postponed due to COVID-19 safety & resource concerns. EGLE-AQD was notified April 8, 2020 and provided enforcement discretion on April 9, 2020. The last update AQD received regarding testing was July 9, 2020.
10/13/2020	NSPS (Part 60)	Compliance	Semi-Annual report required in 40 CFR 60.48c(d) and (e) (FG-FUELOIL SC VII.4). Beaumont reported no fuel oil was received during the reporting period and the sulfur content of the fuel oil combusted during the reporting period was provided in a previous report. The previous report stated the maximum sulfur content was 0.0015% by weight.
09/24/2020	NSPS (Part 60)	Compliance	40 CFR 63 Subpart Dc fuel oil shipment report. Report received on time. According to report, no shipments of fuel were received at William Beaumont Hospital.
04/13/2020	MAERS	Compliance	Certification form received. MAERS audit complete. For ethylene oxide (EtO) emissions calculations, the source assumes that the acid scrubbers controlling the EtO sterilizers have a control efficiency of 99.5%. The source is using MAERS emission factors for boilers, emergency engines, and cold cleaners. 2019 reported throughput same order of magnitude as FY 2018.
11/07/2019	ROP Tech Review Notes		
09/30/2019	NSPS (Part 60)	Compliance	40 CFR 63 Subpart Dc fuel oil shipment report. Report received on time. According to report, no shipments of fuel were received at William Beaumont Hospital.

Activity Date	Activity Type	Compliance Status	Comments
09/30/2019	ROP Semi 1 Cert	Compliance	No deviations reported. The report includes information specified in Rule 213(4)(c)(i) through (v) and a certification by the Authorized Representative that states "based on information and belief formed after reasonable inquiry, the statements and information in the certification are true, accurate, and complete."
09/09/2019	Scheduled Inspection	Compliance	Evaluation of Beaumont's compliance with the Federal Clean Air Act, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, Michigan's Air Pollution Control Rules, and the conditions established in Permit to Install (PTI) 95-19 and Renewable Operating Permit (ROP) No. MI-ROP-G5067-2014.

Name: K. Kelly Date: 04/15/2021

Supervisor: Joyce [Signature]