

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Knauf Insulation, Inc.	SRN : B7205
Location : 1000 E NORTH ST	District : Kalamazoo
	County : CALHOUN
City : ALBION State: MI Zip Code : 49224	Compliance Status : Compliance
Source Class : MAJOR	Staff : Amanda Chapel
FCE Begin Date : 1/1/20	FCE Completion Date : 7/9/2021
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/07/2021	Stack Test Observation	Unknown	
04/13/2021	MAERS	Compliance	Facility submitted a signed ROP certification form with original signature and date. Facility certifies their MAERS 2020 emissions reporting.
02/12/2021	ROP SEMI 2 CERT	Compliance	Facility submitted the ROP Semi-Annual Certification with an original signature and date from the responsible official. The facility reported 2 deviations. The facility reported that EU-WBWALBFORMING WBW2 scrubber had a differential pressure outside parameters which occurred on 11/16/2020 and 12/5/2020. Maintenance adjusted the damper and corrected the problem. EU-WBWALBFORMING WBW1 scrubber also had a DP outside parameters on 11/30/2020. Maintenance adjusted the damper and corrected the problem.

Activity Date	Activity Type	Compliance Status	Comments
12/14/2020	ROP Semi 1 Cert	Compliance	<p>The facility submitted the report with an original signature and date on an ROP Certification form. The facility reports that during the entire reporting period, they were in compliance with all requirements or terms within the ROP except for the reported deviations. Deviations reported were ML2 scrubber and ML3 scrubber out of parameters. Maintenance was notified and the cause was fixed. ML2 furnace also had a TPY alarm trigger. The temperature was lowered to slow down the pull rate, preventing an overage.</p>
01/23/2020	ROP Annual Cert	Compliance	<p>Facility submitted the ROP Annual Certification with an original signature and date from the responsible official. The facility reported 8 deviations.</p> <p>On 10/7/19 the WBW Scrubber 1B water flow was out of spec. Scrubber was cleaned and adjusted. On 8/24/19 and 11/21/19 the WBW2 Scrubber water flow was out of spec. Same action was taken as above. On 7/2/19 the ML2 Scrubber 1 differential pressure was out of spec. Damper was out of alignment and was adjusted to return to normal pressure readings. On 10/3/19 the WBW1 Scrubber 1A differential pressure was out of spec. Same action was taken as above. On 9/5/19 WBW2 Scrubber differential pressure was out of spec. Same action was taken as above. On 7/2/19, 9/6/19, and 10/11/19 ML2 Scrubber 2 differential pressure was out of spec and on 7/2/19, 10/10/19, 11/20/19, and 12/12/19 ML2 Scrubber 3 differential pressure was out of spec. The damper was out of alignment and was adjusted to return to normal pressure. Baghouse leak detection alarm on FG-FURN1,3, and 4 went off. The leak was identified and bag replaced.</p>

Activity Date	Activity Type	Compliance Status	Comments
01/23/2020	NSPS (Part 60)	Compliance	<p>NSPS, Subpart PPP Semi-annual Report</p> <p>Facility submitted the Certification with an original signature and date from the responsible official. The facility reported 8 deviations. For details, see ROP Annual Cert 1/21/20.</p> <p>Knauf reported scrubber malfunctions and out of parameter conditions using the four-hour averages specified in the ROP and Subpart PPP. With exception of ML1 being shut down, the quarterly calibrations were completed for the flow and DP devices and there were no corrective actions required as a result.</p>
01/23/2020	ROP SEMI 2 CERT	Compliance	<p>Facility submitted the ROP Semi-Annual Certification with an original signature and date from the responsible official. The facility reported 8 deviations. For details, see ROP Annual Cert 1/21/20.</p> <p>Knauf reported scrubber malfunctions and out of parameter conditions using the four-hour averages specified in the ROP and Subpart PPP. With exception of ML1 being shut down, the quarterly calibrations were completed for the flow and DP devices and there were no corrective actions required as a result.</p>

Name: Amber Ayres Date: 7/9/2021

Supervisor: RIL 7/23/21