

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : St Marys Cement Charlevoix Plant	SRN : B1559
Location : 16000 BELLS BAY RD	District : Gaylord
	County : CHARLEVOIX
City : CHARLEVOIX State: MI Zip Code : 49720	Compliance Status : Compliance
Source Class : MAJOR	Staff : Rob Dickman
FCE Begin Date : 11/2/2022	FCE Completion Date : 11/2/2023
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
11/02/2023	On-site Inspection	Compliance	On site inspection and records review of this major source.
10/31/2023	MACT (Part 63)	Compliance	Required by 40 CFR Part 63 Sub LLL - Method 9 VE results report. 0.00% observed. Coal mill VE test conducted with PM stack test and results for that test are incorporated into that final report.
10/31/2023	Excess Emissions (CEM)	Compliance	CY23Q3 RHR- required by 40 CFR 52.1183 (BART). NOx - 0.00% excess3.62%DT; SO2 0.00% 2.18%DT; CGA 9/19/2023 pass
10/31/2023	Excess Emissions (CEM)	Compliance	CY23Q3 EER and QA Procedures for NOx and SO2. NOx 0.00% EE/3.62% DT; SO2 0.00% EE/2.18%DT; CGA 9/19/23 Pass; NOx/SOx rolling 12 month emissions report included in submission. No issues noted.
10/17/2023	Stack Test Observation	Compliance	PM stack test for Coal Mill.
10/05/2023	Stack Test	Compliance	PM-Main Stack Emissions Test Report, Via Mail on 9-19-23; See separate AR for details.

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09/27/2023	ROP Semi 1 Cert	Compliance	Via Mail 9-19-23; Deviations include main kiln baghouse inlet temp exceedance, VE's on FM4 conveyor, and missed VE observations on clinker dome. All deviations listed corrective action taken. No further action is recommended. Multiple reports in one document.
09/27/2023	Excess Emissions (CEM)	Compliance	Via Mail 9-19-23; EER for PCMACT required CEMS values less than 5% TSOT except for main stack THC at 5.7%. Issue with this was water in the monitor. This issue was previously reported. No further action is recommended.
09/26/2023	MACT (Part 63)	Compliance	Via Mail 9-19-23; Multiple reports in one doc. Items listed include SSOL exceedance on CC baghouse, baghouse inlet temp exceedance on kiln, VE's on FM4 conveyor. Corrective actions listed in report. No further action is recommended.
09/26/2023	Stack Test Observation	Compliance	Testing for Dioxins and Furans per PTI 140-15C
09/14/2023	Other	Compliance	Review of PM testing report
09/12/2023	ROP Other	Compliance	VE Test Protocol, Protocol OK, Testing set for this week, no approval required.
09/12/2023	CEM RATA	Compliance	RATA at facility CEMS. See activity report for this date.
09/12/2023	ROP Other	Compliance	Dioxin Furan Test Protocol. Testing is scheduled for 9/26/23. Protocol submitted in a timely manner and appears complete.
09/06/2023	ROP Other	Compliance	CEDRI Reporting - RATA
09/06/2023	ROP Other	Compliance	CEDRI Reporting - CEMS
08/24/2023	Other	Compliance	Annual RATA reporting
08/15/2023	Excess Emissions (CEM)	Compliance	2nd Q - Main Stack EER. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%.
08/15/2023	ROP Other	Compliance	PM Test Protocol - Coal Mill Stack; via paper on 7-31-23. Protocol OK, testing is scheduled for 9/28/23.

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08/15/2023	Excess Emissions (CEM)	Compliance	2nd Qtr - Visibility Protection, This report is required under 40 CFR 52.1183 (BART). Report OK. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%.
08/15/2023	Excess Emissions (CEM)	Compliance	EER for CPMS, Zero EE's and zero downtime.
08/14/2023	ROP Other	Compliance	RATA Test Protocol, reviewed late. Testing performed on 6/12/23.
08/14/2023	Stack Test	Compliance	PM Test Clinker Cooler Stack, emission result was 0.0005 #/ton of clinker, limit is 0.02 #/ton. SSOL for the CPMS is 4.05.
08/14/2023	Stack Test	Compliance	OHAP testing on the Main Stack. Test result was 10.79 ppmvd OHAP. Emission Limit is 12 ppmvd. Calculated SSOL is 108.89 ppmvw.
08/10/2023	Complaint Investigation	Compliance	Complaint of excess fugitive dust from this major source.
05/23/2023	Stack Test Observation	Compliance	Observed OHAP testing on the kiln and PM testing on the clinker cooler.
05/02/2023	Excess Emissions (CEM)	Compliance	1st qtr - Main Stack EER. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%.
05/02/2023	Excess Emissions (CEM)	Compliance	1st Qtr - Visibility Protection, This report is required under 40 CFR 52.1183 (BART). Report OK. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%. Recommend waiting on next quarters data.
04/28/2023	ROP Other	Compliance	Emissions Test Protocol - PM Kiln / Main Stack, protocol is timely and complete, testing is scheduled for the week of May 22, 2023.
03/23/2023	ROP Annual Cert	Compliance	Multiple Reports in one document. Annual report for 2022. Specific deviations are addressed in the Semi 1 and 2 report reviews. All deviations were addressed properly by the facility.
03/23/2023	ROP SEMI 2 CERT	Compliance	Report OK, see activity reporting for review.

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03/23/2023	MACT (Part 63)	Compliance	Several items listed in report. Facility indicated it was in compliance with all required item except reestablishment of the SSOL on the Clinker Cooler CPMS due to baghouse repair delays and fugitive VE issues described in Semi 2 deviation report review. Facility is working to resolve.
03/23/2023	Excess Emissions (CEM)	Compliance	Multiple reports in one document. EER per to PC-MACT. This reporting is semi annual for HCL, Hg, THC (OHAP surrogate), PM-CPMS. Zero excess emissions. All system downtime equal to or less than 5% . No further action is recommended.
03/23/2023	ROP Other	Compliance	Emissions Test Protocol for OHAP testing. Testing is scheduled for May 16. Submission is timely and complete.
03/23/2023	ROP Other	Compliance	Test Protocol PM Main and cooler. Reporting is timely. Testing is scheduled for the week of May 22, 2023.
03/21/2023	MAERS	Compliance	See MAERS for further info. Cert via Electronic 3-15-23
03/15/2023	ROP Other	Compliance	PM10 Actual Emissions Reporting per PTI 140-15C. See corresponding activity report under this date.
03/15/2023	Other	Compliance	Review of Semi 2 2022 reporting
03/02/2023	Other	Compliance	Review of PM-10 annual reporting
02/21/2023	ROP Other	Compliance	CEDRI Reporting for EER NESHAP
02/17/2023	Excess Emissions (CEM)	Compliance	Clinker Cooler CPMS EER. Report OK. Zero percent excess emissions and 1% monitoring system downtime for the reporting period.
02/17/2023	Excess Emissions (CEM)	Compliance	4th Qtr - Visibility Protection, This report is required under 40 CFR 52.1183. Report OK. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%. Recommend waiting on next quarters data.

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02/17/2023	Excess Emissions (CEM)	Compliance	4th Qtr - Main Stack EER. Excess emissions less than 1% of the total source operating time for all monitors. Monitoring system downtime was just over 3%. Recommend waiting on next quarters data.
11/21/2022	Stack Test	Compliance	PM Main Kiln & Clinker Cooler Stacks, see corresponding activity reporting for review.

Name: Real Friedman

Date: 1-31-2024

Supervisor: Shane Nixon