

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Gerdau Special Steel North America - Jackson Mill	SRN : B4306
Location : 3100 BROOKLYN RD	District : Jackson
	County : JACKSON
City : JACKSON State: MI Zip Code : 49203	Compliance Status : Compliance
Source Class : MAJOR	Staff : Mike Kovalchick
FCE Begin Date : 10/1/2019	FCE Completion Date : 4/28/2021
Comments : Facility's Melt Shop has been mothballed indefinitely with only minor emissions still be generated from the still active heat treat furnaces in the finishing operation.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
04/28/2021	Excess Emissions (CEM)	Compliance	1st Quarter CO EER Report
04/28/2021	Excess Emissions (CEM)	Compliance	1st Quarter SO2 EER Report
04/15/2021	ROP Qrtly Cert	Compliance	The Gerdau Macsteel Jackson facility experienced zero incidents of SO2 emissions greater than 1.0 lb/ton based upon a 24-hour average time period.
04/15/2021	ROP SEMI 2 CERT	Compliance	40 CFR 63 YYYYYY semiannual Mercury Compliance Report. Gerdau Jackson has not deviated from the requirements for the control of contaminants from scrap, as outlined in Section 63.10685(a)(1) and (a)(2).
04/15/2021	Excess Emissions (CEM)	Compliance	2020 CEMs Compliance Report. Gerdau Macsteel Jackson facility experienced zero incidents of CO emissions greater than 5 lb/ton based upon a 24-hour average time period, calculated monthly, or 1400 tons per year.

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04/15/2021	MAERS	Compliance	2020 MAERS Report submitted via paper mail. More than 50% drop in emissions since Melt Shop was put in idol status starting in June 2020. It is unlikely that the Melt Shop will be restarted in the foreseeable future if ever. It will have been idol 18 months next December 2021. ROP maybe replaced by Opt-out permit. The facility has been operating at minor source level since the Melt Shop shutdown. Section 2 of the ROP involves TMS International. This is a slag handling facility that is located on Gerdau property. All of its equipment was removed in October 2020 with no plans to return on site. No concerns with how emissions were calculated.
04/15/2021	ROP Annual Cert	Compliance	They indicated no deviations.
04/15/2021	ROP SEMI 2 CERT	Compliance	During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference.
04/15/2021	CAM Excursions/Exceedances	Compliance	1st qtr SO2 EER Report. No exceedances.
04/15/2021	Excess Emissions (CEM)	Compliance	2nd qtr CO, SO2 and QCGA report. No deviations.
04/15/2021	ROP Annual Cert	Compliance	During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference.
04/15/2021	ROP SEMI 2 CERT	Compliance	During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on the enclosed deviation report.
04/15/2021	Excess Emissions (CEM)	Compliance	Third Quarter 2020 CO and SO2 CEM Excess Emission and Monitoring System Performance Report. No deviations.
04/15/2021	ROP Qrtly Cert	Compliance	4th qtr 2020 CEMS Compliance Report. No deviations.

Activity Date	Activity Type	Compliance Status	Comments
04/15/2021	ROP Semi 1 Cert	Compliance	40 CFR 63 YYYYYY semi annual Mercury Compliance Report. No deviations.
04/15/2021	ROP SEMI 2 CERT	Compliance	40 CFR 63 YYYYYY Semiannual Mercury Compliance Report. No deviations.
04/14/2021	On-site Inspection	Compliance	FCE. Announced inspection. Melt Shop ceased operations in June, 2020. It is not expected to restart in the foreseeable future. As such, emissions are now at a minor source level. Only the finishing operations consisting of two heat treat furnaces remain active along with some emergency generators.
04/08/2021	CAM Excursions/Exceedances	Compliance	1st qtr CO EER Report. No exceedances.
02/12/2021	ROP Annual Cert	Compliance	During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on deviation report. Review of reported deviations included failure to conduct some required VE's and some CEM monitor time. Both sets of deviations have been corrected.
02/12/2021	ROP SEMI 2 CERT	Compliance	During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred EXCEPT for the deviations identified on deviation report.
02/12/2021	Excess Emissions (CEM)	Compliance	1st and 2nd qtr 2019 Excess Emission Reports for CO and SO2.
02/12/2021	ROP SEMI 2 CERT	Compliance	Semi-Annual Source Report
02/03/2021	ROP SEMI 2 CERT	Compliance	Gerdau Jackson has not deviated from the requirements for the control of contaminants from scrap, as outlined in Section 63.10685(a)(1) and (2)
12/01/2020	MACT (Part 63)	Compliance	40 CFR 63 YYYYYY Semiannual Mercury compliance report. No deviations.
12/01/2020	Excess Emissions (CEM)	Compliance	2nd Qtr CO EER Report 2nd Qtr SO2 EER Report 2nd Qtr QCGA. No deviations. Plant is now idle status.

Activity Date	Activity Type	Compliance Status	Comments
12/01/2020	ROP Semi 1 Cert	Compliance	1st and 2nd quarter Excess Emission Report for CO and SO2. During the entire reporting period all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred EXCEPT for the deviations identified on the enclosed deviation reports. - Daily VE reading of Baghouse was not completed. VE readings not completed as Melt Shop went idle starting June 2. Actions satisfactory.
12/01/2020	Excess Emissions (CEM)	Compliance	The Gerdau Macsteel Jackson facility experienced zero incidents of CO emissions greater than 5 lb/ton based upon a 24-hour average time period, calculated monthly, or 1400 tons per year. Experienced zero incidents of SO2 emissions greater than 1.0 lb/ton based upon a 24-hour average time period, calculated monthly, or 280 tons per year.
12/01/2020	ROP Other	Compliance	CFR 40, Part 60 Appendix F, received. Pollutant monitor: Low 20-30% & mid 50-60% of full scale. Diluent Monitor: O2 Low 4-6%, & Mid 8-12% by Volume, CO@ low 5-8% and Mid 10-14% by volume
02/10/2020	ROP Tech Review Notes	Compliance	ROP Tech Review Notes.
02/05/2020	MACT (Part 63)	Compliance	Subpart YYYYYY, Semiannual Mercury Compliance Report, Electric Arc Furnace Steelmaking Facilities. No mercury non compliant facilities.
02/05/2020	Excess Emissions (CEM)	Compliance	Fourth Quarter 2019 CO and SO2 CEM Excess Emission and Monitoring System Performance Report. No exceedances.
11/25/2019	ROP Semi 1 Cert	Compliance	Some daily baghouse VE's not completed. Back into compliance.
11/25/2019	ROP Other	Compliance	1st and 2nd Qt 2019 Excess Emission Reports for CO and SO2. No exceedances.
11/25/2019	Excess Emissions (CEM)	Compliance	3rd Quarter CO, SO2, and QCGA Reports. No exceedances.

Name: Mike Koralchik

Date: 4/28/2021

Supervisor: 