

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 : Michael Gabor
FCE Begin Date : 8/11/2015	FCE Completion Date : 8/12/2016
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/02/2016	Excess Emissions (CEM)	Compliance	2nd Quarter 2016 Continuous Emission Monitoring System (CEMS) Excessive Emissions Reports (EER)
08/02/2016	MACT (Part 63)	Compliance	40 CFR 63 YYYYYY Semiannual Mercury Compliance Report
07/28/2016	Scheduled Inspection	Compliance	Major / ROP Source. Full Compliance Evaluation (FCE) and Inspection (PCE) of Gerdau Special Steel North America - Jackson Mill, located at 3100 Brooklyn Road, Jackson, Michigan 49203.
06/02/2016	ROP Other	Compliance	EAF Baghouse dust analyses April 2016

Activity Date	Activity Type	Compliance Status	Comments
05/19/2016	MAERS	Compliance	2015 MAERS Report ROP Cert received on March 15, 2016. An audit was conducted and the reported emissions were found to be acceptable. Facility reported total emissions: 517 tons CO, 71.76 tons NOx, 15.19 tons PM10, 28 tons SO2, and 18 tons VOC. The facility reported emissions using CEMS, stack testing, and MAERS EFs. Emissions and material usages were found to be within the permit-specified levels. RICE-related emissions were not included in their MAERS report. Since this facility is scheduled for a FCE, I will discuss with the facility the possibility to include these emissions in future reports. Several questions and discrepancies were identified and I sent an email to the facility on May 18, 2016, attached. Ross Bradley responded on May 19, 2016 (attached). With his permission, I made the following changes to their report: 1). I updated the reported PM10 EF exponent from 1 to 0 for EU-Roof; 2). I updated the reported 33,030 pounds NOx to 81,073.06 pounds, uploaded an updated attachment, and added a note for why a PM10 control efficiency wasn't included for EU-SCRAP MELTING; 3). I included CO emissions for EU-AF01 and EU-AF02 and entered 11,408.15 pounds and 7,095.03 pounds, respectively. -MMG.
05/03/2016	ROP Other	Compliance	1st Quarter 2016 Continuous Emission Monitoring System (CEMs) Excessive Emissions Reports (EER)
04/13/2016	ROP Annual Cert	Compliance	Deviation: non-method 9 reading was not taken for one production day, per EU-FGFACILITY SC III.1. Facility assigned dedicated maintenance personnel and an alternate to perform daily check. Acceptable.
04/13/2016	ROP SEMI 2 CERT	Compliance	
04/13/2016	ROP Other	Compliance	Area Source Reduction Report; see the 40 CFR 63 YYYYYY Semiannual Mercury Compliance Report
04/12/2016	MACT (Part 63)	Compliance	40 CFR 63 YYYYYY Semiannual Mercury Compliance Report

Activity Date	Activity Type	Compliance Status	Comments
04/12/2016	Excess Emissions (CEM)	Compliance	3rd Quarter CEMs EER Reports
04/12/2016	Excess Emissions (CEM)	Compliance	4th Quarter CEMs EER Reports
03/03/2016	ROP Other	Compliance	EAF Baghouse dust analyses January 2016
02/12/2016	ROP Other	Compliance	Certification of the results of the Relative Accuracy Test Audit of CO and SO2 Continuous Emission Rate Monitoring Systems as specified by Renewable Operating Permit No. MI-ROP-B4306.
02/12/2016	MACT (Part 63)	Compliance	Subpart YYYYYY Mercury Compliance Report
02/12/2016	Excess Emissions (CEM)	Compliance	4th Quarter 2015 CEMs Excessive Emissions Reports
12/21/2015	ROP Other	Compliance	EAF Baghouse dust analyses October 2015
11/06/2015	Excess Emissions (CEM)	Compliance	3rd Quarter CEMs EER Reports.
09/28/2015	ROP Semi 1 Cert	Compliance	One deviation reported, no records of daily PM work on Baghouse #3 for one day, per SC FG-Facility SC III.1. Corrective action acceptable.
09/28/2015	MACT (Part 63)	Compliance	Semi Annual 40 CFR 63, Subpart YYYYYY, Area Source for Electric Arc Furnace Steelmaking Facilities.
09/28/2015	Excess Emissions (CEM)	Compliance	1st Quarter CEMs EER Reports.
09/28/2015	Excess Emissions (CEM)	Compliance	2nd Quarter CEMs EER Report.
09/28/2015	Stack Test	Compliance	Protocol for the Relative Accuracy Test audit of CO and SO2 continuous emission rate monitoring system for #3 baghouse exhaust associated with FG-EAF/LMF/VAD.
09/17/2015	ROP Other	Compliance	EAF Baghouse dust analyses July 2015

Name:

Victor M. Hill

Date:

8/12/16

Supervisor:

[Signature]

