

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

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|--|-------------------------------|---------------------------|
| Facility : Gerdau MacSteel Monroe | | SRN : B7061 |
| Location : 3000 E FRONT STREET | | District : Jackson |
| | | County : MONROE |
| City : MONROE | State: MI | Zip Code : 48161 |
| Compliance Status : | | Non Compliance |
| Source Class : MAJOR | Staff : Eric Grinstern | |
| FCE Begin Date : 9/30/2015 | FCE Completion Date : | 9/30/2016 |
| Comments : | | |
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List of Partial Compliance Evaluations :

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------|-------------------|--|
| 09/30/2016 | ROP Semi 1 Cert | Compliance | Postmarked 9/15/16 Facility reported deviations regarding failure to record VE observations, and fan amp deviations during one shift. Deviations addressed during compliance inspection. Deviations appear to have been properly addressed. |
| 09/26/2016 | Scheduled Inspection | Non Compliance | Compliance Inspection |
| 08/02/2016 | MACT (Part 63) | Compliance | Subpart YYYYYY. |
| 08/02/2016 | Excess Emissions (CEM) | Compliance | 2nd Quarter CO, Opacity, and SO2 Excess Emission Reports |
| 05/31/2016 | MAERS | Compliance | ROP Certification form for MAERS received 3/16/16 |
| 05/25/2016 | Excess Emissions (CEM) | Compliance | 1st Quarter CO, Opacity and SO2 Excess Emission Reports. Gerdau Monroe exceeded the lb/ton SO2 limit for January. EER report shows 36.94% excess emissions for the quarter for SO2. The facility was out of compliance with the SO2 limit until January 21st, after which time they have stated they have been in compliance. We issued them a VN in January that documented the continued exceedance of the limit, which is being addressed via a pending consent order by Enforcement. |
| 04/28/2016 | Stack Test Observation | Non Compliance | Compliance testing - EAF/VTD/LMF |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------|-------------------|---|
| 04/27/2016 | Stack Test Observation | Non Compliance | April 27, 2016 Stack Test Observation for Gerdau Monroe's Billet Reheat Furnace & April 28, 2016 Stack Test Observation for Gerdau Monroe's Electric Arc Furnace (EUEAF) and Ladle Metallurgical Furnace (EULMF) / Melt Shop (FGMELTSHOP). Update: final results indicate noncompliance with FGMELTSHOP's VOC, PM10, and PM2.5 emission limits. |
| 04/26/2016 | Stack Test | Non Compliance | Compliance Testing |
| 03/16/2016 | Other Non ROP | Compliance | Energy Efficiency Management Plan |
| 03/16/2016 | Stack Test | Non Compliance | Compliance Emission Testing report |
| 03/16/2016 | ROP Annual Cert | Non Compliance | Deviations associated with SO2 lb/hr, SO2 lb/day, CO lb/ton, fan amps, billet furnace observation requirements. Violations issued regarding SO2 and CO emissions violations |
| 03/16/2016 | ROP SEMI 2 CERT | Non Compliance | Deviations associated with SO2 lb/hr, SO2 lb/day, CO lb/ton, fan amps, billet furnace observation requirements. Violations issued regarding SO2 and CO emissions violations |
| 03/15/2016 | Stack Test | Compliance | Revised Report from July 17, 2015 |
| 03/01/2016 | Meeting Notes | Non Compliance | Enforcement Meeting |
| 02/12/2016 | MACT (Part 63) | Compliance | Subpart YYYYY |
| 02/12/2016 | Excess Emissions (CEM) | Compliance | EAF Baghouse Stack Opacity Excess Emissions |
| 02/12/2016 | Excess Emissions (CEM) | Compliance | EAF SO2 CEM Excess Emissions |
| 02/12/2016 | Excess Emissions (CEM) | Compliance | EAF CO CEM Excess Emissions |
| 10/30/2015 | Stack Test | Non Compliance | Stack Test for Billet Reheat Furnace Exceeded NOx lb/MMBTU emission limit |
| 10/30/2015 | Excess Emissions (CEM) | Compliance | 3rd Quarter Excess Emissions Report Excess emissions reported for CO No excess emissions reported for Opacity |
| 10/30/2015 | CEM RATA | Compliance | RATA |
| 10/30/2015 | Other Non ROP | Compliance | Notice of PSD Air Permit 102-12A Increased Output (which occurred on October 2, 2015). |

Name:  Date: 9/30/2016 Supervisor: 