

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

| | |
|---|---------------------------------------|
| Facility : Michigan State University | SRN : K3249 |
| Location : 426 Auditorium Rd. Board of Trustees Room 405 | District : Lansing |
| | County : INGHAM |
| City : EAST LANSING State: MI Zip Code : 48824 | Compliance Status : Compliance |
| Source Class : MAJOR | Staff : Brian Culham |
| FCE Begin Date : 9/11/2013 | FCE Completion Date : 5/4/2015 |
| Comments : | |

List of Partial Compliance Evaluations :

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|-----------------------|-------------------|--|
| 04/22/2015 | Scheduled Inspection | Compliance | This was a scheduled inspection. Its purpose was to complete a Full Compliance Evaluation (FCE) of processes covered under section 2 of the ROP MI-ROP-K3249-2009. I announced my inspection the week before so that I could be certain that Robert Ellerhorst was available. Issues involving a Working Draft ROP were discussed. |
| 04/14/2015 | Scheduled Inspection | Compliance | This was a Scheduled Inspection and a Partial Compliance Evaluation (PCE). An inspection of the TB Simon Power Plant is scheduled for next week. Following that inspection a Full Compliance Evaluation (FCE) will be completed. |
| 04/08/2015 | MAERS | Compliance | |
| 04/07/2015 | ROP Tech Review Notes | | Pasted review Notes into database |
| 02/25/2015 | ROP Annual Cert | Compliance | Robert Ellerhorst Director of Utilities |
| 02/25/2015 | ROP SEMI 2 CERT | Compliance | R. Ellerhorst, Director of Utilities. 12 CEM/COMs downtime reported. Opacity exceedence on Units #3 totaling 102 minutes for 3rd quarter, mainly process upsets and soot blowing. |
| 02/24/2015 | ROP Annual Cert | Compliance | Satish Udpa Exec VP Admin Services |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------|-------------------|---|
| 02/24/2015 | ROP SEMI 2 CERT | Compliance | Satish Udpa Exec VP Admin Services |
| 02/24/2015 | Excess Emissions (CEM) | Compliance | 4th quarter summary report. Unit #3 - 0.09% of operating time over limit. 10/08/2014 Unit #3 had a 18 minute exceedance over 40%. |
| 11/12/2014 | Excess Emissions (CEM) | Compliance | 3rd quarter summary report. Unit #3 - 0.05% of operating time over limit. 9/18/2014 Unit #3 had a 18 minute excursion over 27 %. |
| 09/02/2014 | Other Non ROP | Compliance | This is summary of the 10 air monitoring events at the MSU Waste Storage Facility |
| 09/02/2014 | ROP Semi 1 Cert | Compliance | R. Ellerhorst, Director of Utilities. 14 CEM/COMs downtime episodes. 66 min opacity exceedance Unit 3. |
| 09/02/2014 | ROP Semi 1 Cert | Compliance | Satish Upda is R.O., V.P. Admin. Services |
| 08/05/2014 | Excess Emissions (CEM) | Compliance | 2nd quarter emission report for Units 1, 2, 3, 4, 6. Opacity exceedences 0.5% of operating time. 6/01/14 Unit #3 had a 24 minute excursion. |
| 05/19/2014 | CO/CJ | Compliance | Hand delivered. Request to terminate 5-2009. Entered on 4/30/2009. |
| 05/06/2014 | Excess Emissions (CEM) | Compliance | 1st quarter emission report for Units 1, 2, 3, 4, 6. Opacity exceedences all less than 1.0% of operating time. Unit #3 had 2-6 min. episodes. Unit #4 exceeded NOx #/mmbtu emission limit for 4 hours during a startup on 1/03. Coal limit is 0.16, but prorated when burning gas. High value of 0.13 reported. |
| 03/19/2014 | MAERS | Compliance | Check MAERS for any review comments. ROP cert. received 3-17-14 for both sections. |
| 03/10/2014 | MACT (Part 63) | Compliance | Request for 12 month extension of the Boiler MACT subpart DDDDD for Boilers #1, #2, and #4. Approval letter drafted. |
| 02/24/2014 | ROP Annual Cert | Compliance | R. Ellerhorst, Director of Utilities |
| 02/24/2014 | ROP SEMI 2 CERT | Compliance | R. Ellerhorst, Director of Utilities. 11 CEM/COMs downtime episodes. 7 hour deviation of CO 24 hour limit on Unit #4 due to start up. Opacity exceedence on Units #1 and #3 totalling 168minutes reported. |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------|-------------------|--|
| 02/19/2014 | ROP Other | Compliance | Report of abnormal condition during startup, UE-2-UNIT4. |
| 02/19/2014 | ROP Annual Cert | Compliance | Satish Udpa Exec VP Admin Services |
| 02/19/2014 | ROP SEMI 2 CERT | Compliance | Satish Udpa Exec VP Admin Services |
| 01/08/2014 | Rule 912 | Compliance | Initially reported by e-mail. Exceedence of 24 hour rolling NOx limit. Dual fired limit is calculated based on fuel rates. Caused by start-up after outage and contractor slowed by extreme weather conditions. Non-compliance condition existed for 4 hours. Returned to Compliance. Certification. |
| 01/08/2014 | Other Non ROP | | Notification of actual final specification of completed tank SK -83. This may also be an NSPS subpart Kb requirement. |
| 11/08/2013 | Excess Emissions (CEM) | Compliance | Emission report for 3rd quarter, # 1 - 4 and 6. No exceedences reported other than opacity. Opacity exceedences all less than 1.0% of operating time. Unit #3 episode lasted 18 minutes. Unit #4 exceeded CO emission limit for 7 hours during a shutdown on 7/30. Shutdown exempt from limit. |

Name:



Date:

5-4-2015

Supervisor:

