JUL 26 2017

Monroe Energy, LLC
4101 Post Road
Trainer, PA 19061
(610) 364-8000

July 20, 2017

FedEx 7796 1022 9174

Mr. James Rebarchak
Air Quality Program Manager
Commonwealth of Pennsylvania
Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Re: Monroe Energy, LLC – Trainer Refinery
40 CFR 60, Subpart Db Semiannual Compliance Report for Boilers 9, 10 and 14
Reporting Period: January 1 – June 30, 2017
Title V Operating Permit No. 23-00003

Dear Mr. Rebarchak:

In accordance with 40 CFR 60, Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units ("NSPS Db"), the Monroe Energy, LLC Trainer Refinery hereby submits the semi-annual compliance reports (per §60.49b(i)) for Boilers 9 , 10 and 14. The table in Appendix 1 summarizes all of the information required by §60.49b(i), and briefly addresses each requirement. This semi-annual report includes data from Boiler 14 CEMS that was installed in 2016 and certified in accordance with the applicable performance specifications on November 2, 2016.

Should you have any questions or comments regarding this report, please contact me at (610) 364-8396, or Matthew Torell, P.E., Environmental Leader, at (610) 364-8399.

Stephen Brady
Air Compliance Lead

Enclosure

cc: **FedEx 7796 1025 1691**
Office of Air Enforcement & Compliance Assistance (3AP20)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Appendix 1

Reporting Requirement	Comment
The average hourly NO_X emission rates (expressed as NO_2) (ng/J or lb/MMBtu heat input) measured or predicted.	The measured average hourly NO_X emission rates (lb/MMBtu) are shown in Attachment 1.
The 30-day average NO_X emission rates (ng/J or lb/MMBtu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.	The measured average hourly NO_X emission rates (lb/MMBtu) are shown in Attachment 2.
Identification of the steam generating unit operating days when the calculated 30-day average NO_X emission rates are in excess of the NO_X emissions standards under § 60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.	There were no exceedances of the 30-day average NOx emission rates for either boiler. See Attachment 3.
Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.	All periods for which pollutant data have not been quantified are identified in the attached. See Attachment 3.
Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.	All periods for which pollutant data have not been quantified are identified in the attached. See Attachment 3.
Identification of "F" factor used for calculations, method of determination, and type of fuel combusted.	The boilers fired only natural gas and refinery fuel gas during the reporting period. The F-Factors used for calculation are summarized in Attachment 4, and are calculated using data from an online gas chromatograph and using EPA Method 19, equation 19-13.
Identification of the times when the pollutant concentration exceeded full span of the CEMS.	There were no periods when the pollutant concentration exceeded full span of the CEMS for Any of the boilers.
Description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specification 2 or 3.	There were no modifications made to either boiler's CEMS that could affect its ability to comply with PS-2 or PS-3.
Results of daily CEMS drift tests and quarterly accuracy assessments as required under Appendix F, Procedure 1 of this part.	The results of the required drift tests and accuracy assessments are shown in Attachment 5.
Responsible Official Certification	The responsible official certification is shown in Attachment 6.

Attachment 1

Hourly Average NOx Emission Rates for Boilers 9, 10 and 14

Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: January 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01/01/17	0.006	0.006	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.006
01/02/17	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.006	0.006
01/03/17	0.006	0.006	0.005	0.005	0.006	0.006	0.004	0.004	0.005	0.003	0.004	0.004	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003
01/04/17	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/05/17	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004
01/06/17	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.005	0.006
01/07/17	0.006	0.006	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.003	0.003	0.004	0.004	0.003	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007
01/08/17	0.006	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.006	0.005	0.006
01/09/17	0.006	0.006	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.005	0.004	0.004	0.005	0.004	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004
01/10/17	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.003	0.002	0.003	0.003	0.003	0.003
01/11/17	0.003	0.003	0.003	0.002	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
01/12/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
01/13/17	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.006
01/14/17	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
01/15/17	0.004	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/16/17	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/17/17	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004
01/18/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/19/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/20/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/21/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/22/17	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.004
01/23/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004
01/24/17	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004
01/25/17	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004
01/26/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/27/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004
01/28/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.005	0.004
01/29/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.003	0.003	0.003	0.004
01/30/17	0.002	0.002	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002
01/31/17																								

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

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Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: February 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
02/01/17	0.002	0.002	0.003	0.003	0.003	0.002	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
02/02/17	0.003	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
02/03/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.006	0.005
02/04/17	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.006	0.006	0.006	0.004	0.004	0.006	0.007	0.007	0.006	0.006
02/05/17	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
02/06/17	0.006	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
02/07/17	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.003	0.004	0.002
02/08/17	0.002	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
02/09/17	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.005
02/10/17	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004
02/11/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005
02/12/17	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02/13/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
02/14/17	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
02/15/17	0.003	0.003	0.002	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
02/16/17	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02/17/17	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005
02/18/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004
02/19/17	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02/20/17	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.004
02/21/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004
02/22/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003	0.005	0.004
02/23/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004
02/24/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003
02/25/17	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.006
02/26/17	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
02/27/17	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
02/28/17	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.004	0.004	0.004	0.004	0.005	0.004

OffLine Invalid Out of Control Exceedance Maintenance Calibration

Report Generated: 07/12/17 11:22

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Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: March 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03/01/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03/02/17	0.003	0.004	0.004	0.004	0.005	0.006	0.005	0.005	0.005	0.006	0.005	0.005	0.004	0.004	0.003	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.003
03/03/17	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
03/04/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005
03/05/17	0.004	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.003	0.004	0.005	0.003	0.003	0.004	0.004	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.004
03/06/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/07/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03/08/17	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.004
03/09/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.006	0.006	0.005
03/10/17	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005
03/11/17	0.006	0.006	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006
03/12/17	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
03/13/17	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.004	0.005	0.004	0.004	0.004	0.004
03/14/17	0.003	0.004	0.004	0.003	0.005	0.005	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003
03/15/17	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03/16/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03/17/17	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03/18/17	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/19/17	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003
03/20/17	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/21/17	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
03/22/17	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004
03/23/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.002	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003
03/24/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.003
03/25/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/26/17	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
03/27/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004
03/28/17	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03/29/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:22

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: April 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
04/01/17	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
04/02/17	0.003	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.004	0.005	0.004	0.004
04/03/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.005	0.005	0.006	0.006	0.005	0.004	0.004
04/04/17	0.004	0.004	0.004	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006
04/05/17	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.008	0.008	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006
04/06/17	0.006	0.006	0.006	0.005	0.006	0.006	0.005	0.005	0.006	0.005	0.006	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.006
04/07/17	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005
04/08/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.006	0.005	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005
04/09/17	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
04/10/17	0.004	0.003	0.003	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.002	0.003	0.004	0.004	0.003	0.004	0.004	0.004	0.004
04/11/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.007	0.005	0.006	0.005	0.005	0.005
04/12/17	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.002	0.001	0.001	0.002	0.003	0.004	0.005	0.004	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.005
04/13/17	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.006	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.005	0.004	0.004	0.004
04/14/17	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
04/15/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.003	0.003	0.004	0.003
04/16/17	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.003
04/17/17	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
04/18/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04/19/17	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
04/20/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.004	0.004	0.003	0.003
04/21/17	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04/22/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04/23/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004
04/24/17	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.003
04/25/17	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004
04/26/17	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003
04/27/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.003	0.004	0.003	0.003	0.003
04/28/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003
04/29/17	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.004	0.004	0.004
04/30/17	0.005	0.005	0.004	0.005	0.005	0.006	0.006	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003

OffLine Invalid Out of Control Exceedance Maintenance Calibration

Report Generated: 07/12/17 11:23

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: May 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
05/01/17	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
05/02/17	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006
05/03/17	0.005	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.004	0.003	0.004	0.005	0.004	0.004	0.004	0.004	0.005
05/04/17	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05/05/17	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002
05/06/17	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005
05/07/17	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
05/08/17	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.006
05/09/17	0.007	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005	0.004	0.004	0.004	0.004	0.004
05/10/17	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003
05/11/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/12/17	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/13/17	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05/14/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004
05/15/17	0.004	0.004	0.004	0.004	0.003	0.004	0.003	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004
05/16/17	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.002	0.003
05/17/17	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001
05/18/17	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05/19/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05/20/17	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.006	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005
05/21/17	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004
05/22/17	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004
05/23/17	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005
05/24/17	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003
05/25/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05/26/17	0.002	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05/27/17	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003
05/28/17	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
05/29/17	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
05/30/17	0.003	0.002	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
05/31/17	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:23

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER9
Parameter: NOX#PD9
Report Month: June 2017 Time Online Criteria: 1

	NOX#PD9																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
06/01/17	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.004	0.004	0.005
06/02/17	0.005	0.004	0.003	0.004	0.004	0.004	0.006	0.004	0.004	0.004	0.005	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.005	0.004	0.004
06/03/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.004
06/04/17	0.004	0.003	0.003	0.007	0.006																			
06/05/17																								
06/06/17																								
06/07/17																								
06/08/17																								
06/09/17																								
06/10/17																								
06/11/17																								
06/12/17																								
06/13/17																								
06/14/17																								
06/15/17							0.040	0.031	0.001	0.006	0.003	0.001	0.003	0.006	0.005	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003
06/16/17	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.002	0.002	0.003	0.002	0.003
06/17/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.003	0.002	0.002	0.001	0.001	0.001	0.002	0.003	0.003
06/18/17	0.003	0.003	0.003	0.002	0.003	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.006	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
06/19/17	0.004	0.003	0.003	0.003	0.003	0.003	0.005	0.004	0.004	0.004	0.004	0.004	0.006	0.005	0.005	0.004	0.003	0.005	0.004	0.003	0.003	0.004	0.004	0.003
06/20/17	0.003	0.004	0.003	0.003	0.005	0.005	0.004	0.004	0.005	0.005	0.200	0.005	0.200	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.005	0.004	0.003	0.004
06/21/17	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.005	0.004	0.006	0.005	0.003	0.005	0.006	0.004	0.005	0.003	0.003	0.003	0.002	0.002	0.002	0.002
06/22/17	0.002	0.002	0.002	0.002	0.003	0.002	0.004	0.004	0.003	0.004	0.003	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.002	0.003
06/23/17	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.002	0.003	0.003	0.003
06/24/17	0.003	0.003	0.003	0.003	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
06/25/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.005	0.005	0.005	0.005	0.005
06/26/17	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.002	0.001	0.001	0.002	0.003	0.002	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	0.001
06/27/17	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.003	0.005	0.006	0.005	0.004	0.002	0.002
06/28/17	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.005	0.006
06/29/17	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.005	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06/30/17	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.003

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:23

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: January 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01/01/17	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.006
01/02/17	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.005
01/03/17	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004
01/04/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.007
01/05/17	0.008	0.006	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005
01/06/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01/07/17	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.004	0.003	0.003	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.006	0.005	0.005
01/08/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
01/09/17	0.007	0.007	0.007	0.007	0.007	0.008	0.007	0.008	0.006	0.006	0.006	0.006	0.006	0.007	0.006	0.005	0.005	0.005	0.006	0.006	0.006	0.007	0.006	0.006
01/10/17	0.006	0.006	0.007	0.007	0.007	0.006	0.007	0.007	0.007	0.006	0.006	0.007	0.007	0.007	0.006	0.006	0.007	0.007	0.006	0.005	0.005	0.005	0.005	0.006
01/11/17	0.005	0.004	0.005	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.003	0.004	0.004
01/12/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004
01/13/17	0.004	0.005	0.005	0.004	0.005	0.007	0.007	0.008	0.008	0.007	0.008	0.008	0.006	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.008	0.007	0.007	0.008
01/14/17	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.006	0.006	0.007	0.006	0.007	0.006	0.006	0.007	0.007	0.007	0.006	0.006	0.005	0.005	0.006
01/15/17	0.006	0.007	0.007	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
01/16/17	0.008	0.007	0.008	0.009	0.008	0.007	0.007	0.007	0.007	0.006	0.007	0.006	0.007	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
01/17/17	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.007	0.006	0.007	0.008	0.008	0.008	0.008	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
01/18/17	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.004
01/19/17	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006
01/20/17	0.005	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/21/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/22/17	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.006	0.006
01/23/17	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.006	0.005	0.005	0.005	0.004	0.006	0.006	0.006
01/24/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
01/25/17	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.005
01/26/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.003	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/27/17	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
01/28/17	0.006	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
01/29/17	0.005	0.005	0.005	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.006	0.006
01/30/17	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.004	0.004	0.002	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.006	0.007	0.005	0.005	0.005	0.006
01/31/17	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.004	0.006	0.005	0.004	0.005

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: February 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
02/01/17	0.005	0.004	0.006	0.005	0.006	0.004	0.007	0.007	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
02/02/17	0.006	0.006	0.006	0.006	0.006	0.004	0.004	0.005	0.005	0.006	0.004	0.006	0.006	0.004	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
02/03/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.006	0.005	0.006	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.006	0.004
02/04/17	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.004	0.003	0.004	0.005	0.006	0.006	0.005	0.005
02/05/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005
02/06/17	0.005	0.005	0.005	0.005	0.006	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.003	0.003	0.004	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.003
02/07/17	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.003
02/08/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004
02/09/17	0.004	0.004	0.004	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005
02/10/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.005	0.005	0.005	0.005
02/11/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
02/12/17	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004
02/13/17	0.004	0.004	0.004	0.003	0.004	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.004
02/14/17	0.005	0.004	0.004	0.003	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004
02/15/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004
02/16/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005
02/17/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.006	0.005
02/18/17	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.006	0.006	0.006	0.006	0.006
02/19/17	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.005
02/20/17	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.005	0.006	0.006
02/21/17	0.006	0.006	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
02/22/17	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.002	0.002	0.003	0.004	0.004
02/23/17	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
02/24/17	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.002
02/25/17	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.004	0.005	0.005	0.005
02/26/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
02/27/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02/28/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:25

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: March 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03/01/17	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/02/17	0.002	0.003	0.003	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002
03/03/17	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005
03/04/17	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005
03/05/17	0.005	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.008	0.006	0.006	0.006	0.005	0.007	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.006
03/06/17	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.005	0.005	0.006	0.005	0.005
03/07/17	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
03/08/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003
03/09/17	0.003	0.003	0.003	0.004	0.002	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.003
03/10/17	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005
03/11/17	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
03/12/17	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.005	0.006	0.006	0.005	0.005	0.005	0.006	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.005	0.004	0.005
03/13/17	0.005	0.005	0.006	0.006	0.006	0.007	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.007	0.007	0.008	0.007	0.008	0.006	0.006	0.006	0.006
03/14/17	0.005	0.006	0.006	0.005	0.007	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004
03/15/17	0.004	0.004	0.004	0.005	0.006	0.006	0.005	0.004	0.003	0.004	0.004	0.003	0.002	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/16/17	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
03/17/17	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004
03/18/17	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003
03/19/17	0.003	0.003	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
03/20/17	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
03/21/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.005	0.003	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
03/22/17	0.002	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.005	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.003
03/23/17	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/24/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/25/17	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.003	0.004	0.003
03/26/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
03/27/17	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002
03/28/17	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.004
03/29/17	0.004	0.003	0.004	0.004	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.006	0.005
03/30/17	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.003
03/31/17	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.004	0.003	0.004	0.004

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:26

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: April 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
04/01/17	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.005	0.005	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.003
04/02/17	0.003	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.004	0.004
04/03/17	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.004	0.003
04/04/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005
04/05/17	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.005	0.008	0.009	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.007	0.007	0.007
04/06/17	0.007	0.007	0.006	0.006	0.006	0.007	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.006	0.006	0.007	0.006	0.007	0.006	0.006	0.006	0.007
04/07/17	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.008	0.008	0.007	0.007	0.007
04/08/17	0.007	0.007	0.007	0.007	0.006	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.006
04/09/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.005	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.005
04/10/17	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04/11/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.006	0.005	0.004	0.006	0.008	0.006	0.006	0.005	0.005	0.005
04/12/17	0.005	0.006	0.006	0.005	0.006	0.005	0.005	0.004	0.002	0.001	0.000	0.001	0.002	0.004	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006
04/13/17	0.005	0.004	0.004	0.005	0.005	0.007	0.006	0.006	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.005	0.006	0.005	0.004	0.004	0.003	0.004
04/14/17	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.003	0.004	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005
04/15/17	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.002	0.002	0.003	0.002
04/16/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.003
04/17/17	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003
04/18/17	0.003	0.003	0.003	0.004	0.003	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003
04/19/17	0.003	0.003	0.003	0.003	0.003	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.003	0.002	0.002	0.002	0.002	0.004	0.004	0.004	0.004	0.004
04/20/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003
04/21/17	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004
04/22/17	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04/23/17	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.004	0.004	0.004	0.004
04/24/17	0.004	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.004
04/25/17	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.003	0.003	0.004	0.004	0.003	0.004	0.004	0.004	0.003	0.003	0.003	0.004	0.004
04/26/17	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
04/27/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.003	0.003	0.003
04/28/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
04/29/17	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004
04/30/17	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.003

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: May 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
05/01/17	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/02/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.005	0.006	0.006	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007
05/03/17	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.003	0.004	0.005	0.004	0.004	0.004	0.004	0.005
05/04/17	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05/05/17	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
05/06/17	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006
05/07/17	0.005	0.007	0.006	0.006	0.006	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.004	0.005	0.004	0.005	0.004	0.004
05/08/17	0.004	0.004	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007
05/09/17	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.005	0.005	0.005	0.005	0.005
05/10/17	0.006	0.005	0.005	0.006	0.005	0.005	0.005	0.004	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.004	0.003	0.003	0.003
05/11/17	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004
05/12/17	0.003	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004
05/13/17	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
05/14/17	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005
05/15/17	0.005	0.005	0.005	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05/16/17	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003
05/17/17	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
05/18/17	0.001	0.001	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05/19/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.003	0.003
05/20/17	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.006
05/21/17	0.005	0.005	0.006	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.005
05/22/17	0.004	0.005	0.004	0.004	0.003	0.004	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/23/17	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005
05/24/17	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004	0.003	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003
05/25/17	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.002
05/26/17	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/27/17	0.003	0.004	0.004	0.004	0.001	0.002	0.003	0.002	0.003	0.004	0.002	0.003	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003
05/28/17	0.004	0.004	0.003	0.002	0.003	0.002	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
05/29/17	0.002	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.002
05/30/17	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002
05/31/17	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.005	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.003

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER10
Parameter: NOX#PD10
Report Month: June 2017 Time Online Criteria: 1

	NOX#PD10																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
06/01/17	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.005	0.006
06/02/17	0.004	0.003	0.005	0.006	0.006	0.009	0.009	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.004	0.006	0.005	0.007	0.008	0.004	0.004	0.007	0.007	0.005
06/03/17	0.006	0.007	0.006	0.005	0.009	0.008	0.009	0.008	0.006	0.003	0.002	0.001	0.002	0.002	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
06/04/17	0.003	0.002	0.002	0.002	0.004	0.007	0.003	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003
06/05/17	0.003	0.003	0.004	0.004	0.004	0.005	0.008	0.003	0.003	0.004	0.002	0.002	0.003	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.003
06/06/17	0.002	0.003	0.003	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.003	0.003	0.005	0.006	0.009	0.007	0.011	0.006	0.005	0.005	0.005
06/07/17	0.007	0.009	0.006	0.011	0.005	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.005	0.004	0.003	0.003	0.003	0.003	0.003	0.002
06/08/17	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.003	0.006	0.004	0.002	0.005	0.008	0.007	0.005	0.006	0.006	0.005	0.004	0.004
06/09/17	0.005	0.003	0.003	0.002	0.002	0.004	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.001	0.001
06/10/17	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.003	0.002	0.002	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.003	0.002	0.003	0.004	0.005	0.004
06/11/17	0.003	0.006	0.005	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.002
06/12/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.006	0.008	0.005	0.002	0.002	0.002	0.004	0.004	0.003	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.003
06/13/17	0.002	0.002	0.002	0.003	0.004	0.005	0.003	0.003	0.005	0.008	0.009	0.008	0.005	0.009	0.007	0.006	0.004	0.004	0.002	0.001	0.001	0.001	0.001	0.001
06/14/17	0.001	0.001	0.002	0.002	0.003	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.006	0.006	0.005	0.006
06/15/17	0.007	0.005	0.005	0.005	0.004	0.007	0.005	0.002	0.001	0.009	0.005	0.003	0.004	0.003	0.003	0.002	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.002
06/16/17	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
06/17/17	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.002	0.004	0.005	0.004	0.004	0.004	0.003	0.003	0.004	0.004	0.004	0.004
06/18/17	0.004	0.004	0.004	0.004	0.005																			
06/19/17																								
06/20/17																								
06/21/17																								
06/22/17																								
06/23/17																								
06/24/17																								
06/25/17																								
06/26/17																								
06/27/17																								
06/28/17																								
06/29/17									0.026	0.006	0.002	0.001	0.002	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004
06/30/17	0.004	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:29

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: January 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01/01/17	0.0064	0.0065	0.0069	0.0074	0.0072	0.0078	0.0076	0.0082	0.0081	0.0082	0.0077	0.0071	0.0063	0.0064	0.0065	0.0066	0.0067	0.0072	0.0077	0.0079	0.0075	0.0075	0.0079	0.0079
01/02/17	0.0087	0.0081	0.0087	0.0080	0.0069	0.0068	0.0067	0.0077	0.0082	0.0085	0.0077	0.0063	0.0051	0.0046	0.0053	0.0057	0.0056	0.0056	0.0058	0.0057	0.0062	0.0064	0.0063	0.0060
01/03/17	0.0058	0.0060	0.0062	0.0062	0.0062	0.0060	0.0061	0.0061	0.0056	0.0050	0.0036	0.0040	0.0051	0.0041	0.0034	0.0032	0.0031	0.0032	0.0031	0.0032	0.0030	0.0032	0.0030	0.0024
01/04/17	0.0025	0.0025	0.0026	0.0026	0.0024	0.0023	0.0024	0.0026	0.0026	0.0030	0.0031	0.0029	0.0021	0.0019	0.0016	0.0017	0.0016	0.0018	0.0017	0.0024	0.0025	0.0026	0.0030	0.0029
01/05/17	0.0037	0.0041	0.0038	0.0043	0.0048	0.0047	0.0049	0.0052	0.0053	0.0050	0.0048	0.0052	0.0055	0.0058	0.0057	0.0057	0.0050	0.0051	0.0053	0.0061	0.0056	0.0053	0.0053	0.0070
01/06/17	0.0067	0.0076	0.0068	0.0065	0.0071	0.0067	0.0071	0.0067	0.0066	0.0070	0.0071	0.0072	0.0062	0.0054	0.0058	0.0051	0.0053	0.0054	0.0048	0.0049	0.0052	0.0060	0.0059	0.0060
01/07/17	0.0067	0.0071	0.0068	0.0069	0.0069	0.0069	0.0066	0.0070	0.0071	0.0076	0.0073	0.0078	0.0081	0.0088	0.0094	0.0091	0.0095	0.0082	0.0078	0.0077	0.0068	0.0070	0.0068	0.0072
01/08/17	0.0075	0.0074	0.0069	0.0028	0.0022	0.0023	0.0027	0.0029	0.0029	0.0023	0.0015	0.0021	0.0034	0.0037	0.0013	0.0011	0.0014	0.0016	0.0017	0.0024	0.0030	0.0034	0.0036	0.0038
01/09/17	0.0041	0.0043	0.0047	0.0048	0.0051	0.0051	0.0049	0.0048	0.0046	0.0044	0.0044	0.0062	0.0099	0.0064	0.0053	0.0046	0.0041	0.0021	0.0012	0.0011	0.0012	0.0012	0.0012	0.0011
01/10/17	0.0011	0.0011	0.0012	0.0012	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0022	0.0030	0.0030	0.0030	0.0027	0.0029	0.0034	0.0033	0.0028	0.0026	0.0024	0.0023	0.0023	0.0025
01/11/17	0.0022	0.0017	0.0016	0.0015	0.0016	0.0018	0.0020	0.0021	0.0021	0.0021	0.0020	0.0020	0.0017	0.0018	0.0018	0.0017	0.0016	0.0015	0.0015	0.0014	0.0012	0.0011	0.0011	0.0012
01/12/17	0.0012	0.0012	0.0012	0.0013	0.0014	0.0014	0.0011	0.0011	0.0011	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0009	0.0009	0.0009	0.0009	0.0008
01/13/17	0.0009	0.0010	0.0010	0.0010	0.0009	0.0009	0.0010	0.0011	0.0012	0.0013	0.0014	0.0014	0.0014	0.0016	0.0018	0.0022	0.0023	0.0023	0.0024	0.0024	0.0024	0.0025	0.0024	0.0025
01/14/17	0.0026	0.0027	0.0027	0.0028	0.0029	0.0028	0.0030	0.0031	0.0037	0.0040	0.0036	0.0033	0.0030	0.0028	0.0028	0.0025	0.0025	0.0024	0.0024	0.0024	0.0024	0.0021	0.0018	0.0017
01/15/17	0.0017	0.0016	0.0016	0.0017	0.0016	0.0017	0.0020	0.0020	0.0021	0.0022	0.0022	0.0022	0.0020	0.0022	0.0023	0.0025	0.0024	0.0025	0.0025	0.0025	0.0027	0.0027	0.0027	0.0025
01/16/17	0.0023	0.0024	0.0024	0.0025	0.0027	0.0030	0.0032	0.0032	0.0033	0.0034	0.0035	0.0028	0.0027	0.0027	0.0027	0.0027	0.0025	0.0025	0.0026	0.0026	0.0025	0.0027	0.0027	0.0026
01/17/17	0.0026	0.0024	0.0023	0.0022	0.0021	0.0022	0.0024	0.0025	0.0026	0.0032	0.0030	0.0027	0.0028	0.0025	0.0025	0.0025	0.0020	0.0023	0.0024	0.0022	0.0021	0.0020	0.0016	0.0013
01/18/17	0.0014	0.0015	0.0016	0.0015	0.0015	0.0015	0.0015	0.0017	0.0018	0.0020	0.0018	0.0017	0.0016	0.0017	0.0016	0.0015	0.0015	0.0015	0.0015	0.0016	0.0016	0.0016	0.0016	0.0016
01/19/17	0.0015	0.0017	0.0017	0.0016	0.0016	0.0016	0.0015	0.0016	0.0016	0.0018	0.0019	0.0017	0.0017	0.0015	0.0015	0.0016	0.0017	0.0017	0.0018	0.0018	0.0017	0.0018	0.0018	0.0018
01/20/17	0.0018	0.0019	0.0019	0.0019	0.0020	0.0020	0.0021	0.0020	0.0021	0.0026	0.0024	0.0024	0.0023	0.0023	0.0022	0.0023	0.0021	0.0021	0.0019	0.0019	0.0019	0.0020	0.0020	0.0020
01/21/17	0.0020	0.0018	0.0017	0.0016	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014	0.0014	0.0017	0.0019	0.0021	0.0018	0.0018	0.0020	0.0016	0.0015	0.0015	0.0013	0.0014	0.0015	0.0016
01/22/17	0.0016	0.0016	0.0018	0.0016	0.0017	0.0018	0.0016	0.0015	0.0015	0.0015	0.0015	0.0017	0.0016	0.0016	0.0016	0.0014	0.0013	0.0013	0.0015	0.0015	0.0015	0.0016	0.0019	0.0020
01/23/17	0.0020	0.0022	0.0022	0.0020	0.0021	0.0023	0.0025	0.0027	0.0028	0.0030	0.0030	0.0029	0.0030	0.0024	0.0021	0.0024	0.0024	0.0024	0.0026	0.0025	0.0024	0.0024	0.0024	0.0024
01/24/17	0.0023	0.0024	0.0027	0.0026	0.0027	0.0026	0.0026	0.0025	0.0024	0.0022	0.0021	0.0022	0.0022	0.0021	0.0016	0.0015	0.0017	0.0016	0.0016	0.0015	0.0014	0.0013	0.0013	0.0013
01/25/17	0.0014	0.0015	0.0017	0.0017	0.0020	0.0021	0.0018	0.0018	0.0017	0.0017	0.0016	0.0016	0.0016	0.0016	0.0019	0.0025	0.0029	0.0029	0.0032	0.0030	0.0029	0.0030	0.0028	0.0026
01/26/17	0.0025	0.0025	0.0026	0.0027	0.0030	0.0032	0.0030	0.0029	0.0028	0.0029	0.0026	0.0028	0.0024	0.0012	0.0009	0.0009	0.0009	0.0011	0.0014	0.0017	0.0017	0.0016	0.0017	0.0019
01/27/17	0.0020	0.0023	0.0023	0.0022	0.0025	0.0026	0.0022	0.0023	0.0022	0.0019	0.0020	0.0019	0.0018	0.0020	0.0019	0.0019	0.0021	0.0024	0.0023	0.0024	0.0029	0.0031	0.0032	0.0032
01/28/17	0.0031	0.0035	0.0037	0.0034	0.0036	0.0040	0.0039	0.0043	0.0043	0.0036	0.0032	0.0029	0.0030	0.0031	0.0033	0.0038	0.0041	0.0046	0.0052	0.0054	0.0053	0.0051	0.0045	0.0043
01/29/17	0.0049	0.0049	0.0044	0.0049	0.0043	0.0044	0.0044	0.0043	0.0039	0.0041	0.0041	0.0038	0.0036	0.0035	0.0033	0.0035	0.0035	0.0041	0.0047	0.0047	0.0049	0.0046	0.0045	0.0041
01/30/17	0.0044	0.0043	0.0044	0.0044	0.0048	0.0049	0.0053	0.0055	0.0055	0.0053	0.0046	0.0040	0.0029	0.0027	0.0026	0.0022	0.0027	0.0031	0.0040	0.0054	0.0033	0.0042	0.0054	0.0057
01/31/17	0.0048	0.0042	0.0048	0.0056	0.0061	0.0065	0.0070	0.0069	0.0110	0.0057	0.0063	0.0065	0.0061	0.0053	0.0045	0.0046	0.0049	0.0048	0.0048	0.0048	0.0054	0.0049	0.0047	0.0047

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: February 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
02/01/17	0.0039	0.0026	0.0033	0.0045	0.0049	0.0043	0.0049	0.0052	0.0056	0.0060	0.0049	0.0044	0.0038	0.0043	0.0047	0.0049	0.0050	0.0052	0.0053	0.0050	0.0050	0.0053	0.0058	0.0061
02/02/17	0.0057	0.0059	0.0060	0.0057	0.0056	0.0049	0.0044	0.0043	0.0038	0.0040	0.0034	0.0031	0.0023	0.0020	0.0024	0.0025	0.0026	0.0034	0.0039	0.0040	0.0043	0.0046	0.0052	0.0055
02/03/17	0.0060	0.0060	0.0063	0.0063	0.0061	0.0061	0.0062	0.0060	0.0063	0.0040	0.0062	0.0054	0.0048	0.0052	0.0044	0.0048	0.0045	0.0047	0.0053	0.0065	0.0062	0.0062	0.0059	0.0051
02/04/17	0.0044	0.0046	0.0068	0.0077	0.0074	0.0073	0.0079	0.0079	0.0076	0.0073	0.0064	0.0062	0.0060	0.0067	0.0068	0.0072	0.0072	0.0067	0.0080	0.0085	0.0081	0.0077	0.0079	0.0081
02/05/17	0.0078	0.0074	0.0072	0.0069	0.0068	0.0065	0.0061	0.0054	0.0050	0.0048	0.0046	0.0040	0.0039	0.0042	0.0043	0.0048	0.0049	0.0051	0.0050	0.0050	0.0051	0.0051	0.0053	0.0050
02/06/17	0.0049	0.0055	0.0053	0.0052	0.0055	0.0052	0.0046	0.0044	0.0041	0.0045	0.0045	0.0040	0.0034	0.0034	0.0038	0.0047	0.0052	0.0049	0.0039	0.0040	0.0033	0.0028	0.0030	0.0033
02/07/17	0.0035	0.0031	0.0029	0.0027	0.0025	0.0027	0.0027	0.0031	0.0030	0.0034	0.0032	0.0040	0.0039	0.0037	0.0039	0.0039	0.0038	0.0036	0.0036	0.0036	0.0034	0.0028	0.0027	0.0022
02/08/17	0.0019	0.0020	0.0020	0.0020	0.0019	0.0020	0.0023	0.0018	0.0017	0.0016	0.0015	0.0016	0.0017	0.0017	0.0017	0.0017	0.0020	0.0021	0.0022	0.0024	0.0025	0.0025	0.0025	0.0029
02/09/17	0.0033	0.0038	0.0033	0.0030	0.0025	0.0020	0.0020	0.0022	0.0025	0.0031	0.0030	0.0029	0.0026	0.0028	0.0023	0.0025	0.0032	0.0037	0.0040	0.0046	0.0052	0.0054	0.0058	0.0060
02/10/17	0.0049	0.0042	0.0045	0.0050	0.0054	0.0057	0.0059	0.0060	0.0056	0.0050	0.0048	0.0045	0.0048	0.0057	0.0059	0.0062	0.0066	0.0068	0.0078	0.0079	0.0070	0.0066	0.0068	0.0065
02/11/17	0.0067	0.0064	0.0063	0.0063	0.0061	0.0062	0.0064	0.0063	0.0058	0.0055	0.0056	0.0055	0.0054	0.0053	0.0055	0.0053	0.0045	0.0047	0.0052	0.0055	0.0053	0.0055	0.0051	0.0049
02/12/17	0.0054	0.0061	0.0063	0.0066	0.0069	0.0069	0.0068	0.0066	0.0067	0.0061	0.0051	0.0050	0.0043	0.0039	0.0039	0.0038	0.0040	0.0037	0.0040	0.0041	0.0039	0.0041	0.0040	0.0028
02/13/17	0.0022	0.0019	0.0019	0.0019	0.0019	0.0020	0.0020	0.0021	0.0026	0.0029	0.0031	0.0030	0.0033	0.0035	0.0036	0.0038	0.0043	0.0050	0.0055	0.0056	0.0054	0.0062	0.0064	0.0066
02/14/17	0.0069	0.0072	0.0072	0.0071	0.0073	0.0066	0.0064	0.0067	0.0070	0.0075	0.0077	0.0071	0.0064	0.0059	0.0057	0.0053	0.0052	0.0052	0.0055	0.0055	0.0058	0.0058	0.0054	0.0053
02/15/17	0.0049	0.0050	0.0048	0.0048	0.0047	0.0044	0.0043	0.0046	0.0050	0.0050	0.0051	0.0053	0.0052	0.0042	0.0023	0.0020	0.0022	0.0022	0.0028	0.0036	0.0039	0.0034	0.0029	0.0033
02/16/17	0.0030	0.0031	0.0030	0.0029	0.0035	0.0037	0.0042	0.0039	0.0034	0.0031	0.0032	0.0033	0.0029	0.0036	0.0033	0.0032	0.0035	0.0035	0.0040	0.0048	0.0057	0.0056	0.0064	0.0066
02/17/17	0.0066	0.0068	0.0073	0.0074	0.0072	0.0075	0.0075	0.0080	0.0082	0.0076	0.0075	0.0075	0.0068	0.0071	0.0072	0.0075	0.0069	0.0062	0.0064	0.0067	0.0067	0.0067	0.0070	0.0074
02/18/17	0.0073	0.0072	0.0069	0.0072	0.0071	0.0073	0.0072	0.0074	0.0077	0.0076	0.0069	0.0062	0.0057	0.0050	0.0049	0.0048	0.0049	0.0044	0.0043	0.0044	0.0046	0.0045	0.0043	0.0045
02/19/17	0.0044	0.0043	0.0048	0.0044	0.0042	0.0038	0.0036	0.0034	0.0036	0.0031	0.0026	0.0026	0.0025	0.0024	0.0026	0.0026	0.0027	0.0025	0.0028	0.0029	0.0029	0.0029	0.0028	0.0030
02/20/17	0.0033	0.0033	0.0034	0.0037	0.0034	0.0035	0.0035	0.0036	0.0038	0.0037	0.0041	0.0039	0.0042	0.0037	0.0041	0.0043	0.0045	0.0047	0.0045	0.0047	0.0050	0.0051	0.0054	0.0056
02/21/17	0.0060	0.0063	0.0073	0.0076	0.0072	0.0074	0.0078	0.0077	0.0073	0.0069	0.0060	0.0058	0.0064	0.0072	0.0071	0.0072	0.0066	0.0064	0.0063	0.0066	0.0066	0.0064	0.0062	0.0065
02/22/17	0.0061	0.0060	0.0062	0.0060	0.0058	0.0056	0.0043	0.0048	0.0050	0.0044	0.0043	0.0044	0.0044	0.0046	0.0050	0.0047	0.0050	0.0046	0.0048	0.0042	0.0039	0.0044	0.0049	0.0049
02/23/17	0.0047	0.0048	0.0042	0.0032	0.0030	0.0031	0.0028	0.0030	0.0029	0.0030	0.0028	0.0026	0.0022	0.0018	0.0018	0.0016	0.0020	0.0019	0.0017	0.0016	0.0016	0.0016	0.0017	0.0016
02/24/17	0.0018	0.0019	0.0018	0.0019	0.0021	0.0021	0.0022	0.0023	0.0019	0.0015	0.0018	0.0019	0.0018	0.0020	0.0023	0.0024	0.0022	0.0018	0.0018	0.0018	0.0018	0.0020	0.0018	0.0018
02/25/17	0.0017	0.0018	0.0021	0.0020	0.0019	0.0018	0.0020	0.0019	0.0019	0.0017	0.0016	0.0015	0.0013	0.0011	0.0010	0.0009	0.0010	0.0009	0.0012	0.0017	0.0019	0.0017	0.0014	0.0015
02/26/17	0.0017	0.0017	0.0020	0.0023	0.0024	0.0023	0.0025	0.0026	0.0029	0.0027	0.0027	0.0026	0.0029	0.0029	0.0030	0.0031	0.0032	0.0034	0.0040	0.0046	0.0052	0.0055	0.0054	0.0058
02/27/17	0.0060	0.0054	0.0054	0.0054	0.0059	0.0058	0.0063	0.0061	0.0064	0.0067	0.0056	0.0050	0.0053	0.0056	0.0061	0.0059	0.0050	0.0060	0.0059	0.0053	0.0050	0.0058	0.0060	0.0055
02/28/17	0.0058	0.0060	0.0057	0.0061	0.0062	0.0063	0.0064	0.0068	0.0066	0.0060	0.0063	0.0055	0.0048	0.0042	0.0036	0.0037	0.0036	0.0030	0.0030	0.0022	0.0025	0.0026	0.0025	0.0023

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: March 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03/01/17	0.0020	0.0021	0.0019	0.0020	0.0019	0.0018	0.0018	0.0020	0.0021	0.0023	0.0019	0.0019	0.0014	0.0012	0.0010	0.0009	0.0009	0.0012	0.0013	0.0013	0.0013	0.0013	0.0014	0.0014
03/02/17	0.0010	0.0009	0.0009	0.0009	0.0011	0.0012	0.0012	0.0012	0.0013	0.0012	0.0013	0.0015	0.0017	0.0028	0.0047	0.0060	0.0055	0.0054	0.0064	0.0066	0.0070	0.0065	0.0062	0.0065
03/03/17	0.0056	0.0052	0.0053	0.0058	0.0055	0.0061	0.0060	0.0058	0.0053	0.0054	0.0043	0.0033	0.0021	0.0010	0.0009	0.0007	0.0008	0.0008	0.0008	0.0009	0.0009	0.0009	0.0010	0.0010
03/04/17	0.0010	0.0011	0.0013	0.0014	0.0015	0.0016	0.0017	0.0016	0.0015	0.0013	0.0012	0.0013	0.0012	0.0013	0.0016	0.0017	0.0015	0.0023	0.0027	0.0027	0.0028	0.0032	0.0037	0.0040
03/05/17	0.0042	0.0046	0.0043	0.0045	0.0043	0.0041	0.0039	0.0040	0.0038	0.0038	0.0067	0.0071	0.0058	0.0048	0.0047	0.0052	0.0051	0.0040	0.0041	0.0040	0.0040	0.0042	0.0043	0.0039
03/06/17	0.0036	0.0035	0.0036	0.0034	0.0034	0.0042	0.0060	0.0069	0.0072	0.0080	0.0085	0.0074	0.0069	0.0067	0.0068	0.0071	0.0068	0.0061	0.0057	0.0050	0.0052	0.0053	0.0047	0.0048
03/07/17	0.0046	0.0047	0.0049	0.0052	0.0052	0.0046	0.0039	0.0036	0.0035	0.0036	0.0034	0.0031	0.0030	0.0027	0.0025	0.0023	0.0022	0.0020	0.0021	0.0020	0.0019	0.0018	0.0018	0.0017
03/08/17	0.0018	0.0019	0.0017	0.0016	0.0012	0.0010	0.0013	0.0014	0.0015	0.0014	0.0015	0.0016	0.0019	0.0023	0.0019	0.0022	0.0021	0.0025	0.0027	0.0027	0.0028	0.0027	0.0023	0.0022
03/09/17	0.0022	0.0022	0.0022	0.0022	0.0025	0.0029	0.0028	0.0028	0.0029	0.0027	0.0023	0.0023	0.0025	0.0025	0.0022	0.0021	0.0020	0.0029	0.0038	0.0042	0.0044	0.0046	0.0044	0.0042
03/10/17	0.0044	0.0045	0.0045	0.0044	0.0040	0.0038	0.0035	0.0031	0.0032	0.0031	0.0031	0.0031	0.0033	0.0037	0.0040	0.0033	0.0029	0.0033	0.0040	0.0034	0.0038	0.0039	0.0039	0.0034
03/11/17	0.0046	0.0052	0.0054	0.0063	0.0061	0.0072	0.0070	0.0056	0.0050	0.0047	0.0044	0.0041	0.0037	0.0036	0.0038	0.0037	0.0043	0.0045	0.0057	0.0063	0.0057	0.0060	0.0059	0.0063
03/12/17	0.0064	0.0068	0.0073	0.0072	0.0072	0.0066	0.0069	0.0061	0.0057	0.0056	0.0054	0.0055	0.0053	0.0054	0.0056	0.0053	0.0055	0.0060	0.0068	0.0071	0.0068	0.0074	0.0069	0.0072
03/13/17	0.0063	0.0064	0.0067	0.0068	0.0072	0.0082	0.0083	0.0075	0.0070	0.0073	0.0087	0.0072	0.0066	0.0060	0.0062	0.0066	0.0064	0.0066	0.0059	0.0073	0.0075	0.0068	0.0048	0.0035
03/14/17	0.0026	0.0026	0.0023	0.0019	0.0027	0.0029	0.0030	0.0028	0.0028	0.0031	0.0036	0.0040	0.0041	0.0036	0.0035	0.0028	0.0026	0.0024	0.0027	0.0028	0.0035	0.0038	0.0034	0.0037
03/15/17	0.0042	0.0046	0.0046	0.0044	0.0048	0.0050	0.0050	0.0044	0.0033	0.0031	0.0030	0.0026	0.0026	0.0033	0.0034	0.0032	0.0029	0.0030	0.0031	0.0033	0.0029	0.0030	0.0037	0.0043
03/16/17	0.0045	0.0045	0.0044	0.0048	0.0049	0.0056	0.0059	0.0060	0.0050	0.0040	0.0036	0.0032	0.0029	0.0029	0.0031	0.0037	0.0040	0.0046	0.0054	0.0059	0.0062	0.0066	0.0066	0.0068
03/17/17	0.0069	0.0069	0.0070	0.0070	0.0074	0.0076	0.0080	0.0070	0.0075	0.0069	0.0066	0.0078	0.0065	0.0071	0.0064	0.0061	0.0061	0.0063	0.0063	0.0068	0.0073	0.0076	0.0081	0.0073
03/18/17	0.0071	0.0068	0.0057	0.0048	0.0049	0.0049	0.0049	0.0046	0.0047	0.0048	0.0047	0.0040	0.0034	0.0031	0.0029	0.0030	0.0030	0.0032	0.0035	0.0038	0.0037	0.0036	0.0036	0.0037
03/19/17	0.0036	0.0039	0.0036	0.0037	0.0039	0.0050	0.0047	0.0051	0.0054	0.0051	0.0046	0.0046	0.0045	0.0041	0.0042	0.0039	0.0038	0.0034	0.0034	0.0033	0.0034	0.0034	0.0034	0.0033
03/20/17	0.0034	0.0036	0.0039	0.0039	0.0040	0.0041	0.0042	0.0043	0.0046	0.0047	0.0053	0.0054	0.0050	0.0047	0.0041	0.0038	0.0036	0.0035	0.0036	0.0034	0.0037	0.0037	0.0039	0.0038
03/21/17	0.0037	0.0038	0.0034	0.0034	0.0033	0.0034	0.0033	0.0032	0.0034	0.0033	0.0033	0.0035	0.0036	0.0031	0.0025	0.0024	0.0021	0.0019	0.0020	0.0019	0.0021	0.0022	0.0022	0.0021
03/22/17	0.0023	0.0025	0.0026	0.0026	0.0026	0.0022	0.0040	0.0031	0.0024	0.0016	0.0087	0.0034	0.0033	0.0033	0.0034	0.0036	0.0036	0.0040	0.0041	0.0045	0.0051	0.0053	0.0054	0.0056
03/23/17	0.0054	0.0058	0.0055	0.0061	0.0057	0.0061	0.0065	0.0062	0.0061	0.0062	0.0073	0.0080	0.0076	0.0078	0.0080	0.0068	0.0070	0.0067	0.0068	0.0065	0.0066	0.0067	0.0058	0.0058
03/24/17	0.0055	0.0062	0.0065	0.0068	0.0067	0.0066	0.0067	0.0058	0.0054	0.0053	0.0053	0.0051	0.0048	0.0048	0.0044	0.0041	0.0041	0.0040	0.0046	0.0044	0.0039	0.0039	0.0034	0.0037
03/25/17	0.0038	0.0034	0.0035	0.0037	0.0036	0.0035	0.0040	0.0032	0.0027	0.0026	0.0025	0.0021	0.0022	0.0025	0.0024	0.0021	0.0014	0.0012	0.0015	0.0019	0.0023	0.0022	0.0026	0.0025
03/26/17	0.0023	0.0025	0.0025	0.0027	0.0028	0.0030	0.0030	0.0031	0.0033	0.0034	0.0033	0.0030	0.0029	0.0030	0.0033	0.0035	0.0035	0.0035	0.0034	0.0032	0.0033	0.0029	0.0029	0.0029
03/27/17	0.0029	0.0030	0.0029	0.0029	0.0029	0.0023	0.0022	0.0020	0.0022	0.0023	0.0023	0.0021	0.0020	0.0018	0.0018	0.0017	0.0015	0.0017	0.0017	0.0017	0.0017	0.0020	0.0020	0.0019
03/28/17	0.0018	0.0017	0.0017	0.0018	0.0017	0.0018	0.0017	0.0012	0.0015	0.0017	0.0016	0.0016	0.0017	0.0017	0.0016	0.0016	0.0016	0.0017	0.0018	0.0020	0.0020	0.0020	0.0019	0.0019
03/29/17	0.0020	0.0019	0.0019	0.0022	0.0020	0.0021	0.0023	0.0024	0.0024	0.0026	0.0023	0.0021	0.0023	0.0020	0.0020	0.0020	0.0023	0.0022	0.0023	0.0023	0.0026	0.0027	0.0029	0.0029
03/30/17	0.0031	0.0031	0.0033	0.0033	0.0033	0.0036	0.0038	0.0040	0.0044	0.0045	0.0046	0.0043	0.0043	0.0043	0.0039	0.0040	0.0039	0.0039	0.0039	0.0037	0.0036	0.0032	0.0035	0.0040
03/31/17	0.0039	0.0037	0.0043	0.0042	0.0044	0.0045	0.0042	0.0043	0.0040	0.0040	0.0039	0.0041	0.0031	0.0023	0.0025	0.0027	0.0028	0.0031	0.0029	0.0028	0.0030	0.0030	0.0031	0.0030

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: April 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
04/01/17	0.0031	0.0032	0.0031	0.0032	0.0032	0.0032	0.0041	0.0045	0.0048	0.0049	0.0047	0.0048	0.0044	0.0044	0.0035	0.0036	0.0037	0.0035	0.0037	0.0039	0.0040	0.0042	0.0045	0.0043
04/02/17	0.0045	0.0045	0.0043	0.0047	0.0048	0.0046	0.0049	0.0048	0.0054	0.0066	0.0069	0.0068	0.0073	0.0066	0.0058	0.0046	0.0042	0.0043	0.0042	0.0043	0.0041	0.0040	0.0040	0.0044
04/03/17	0.0047	0.0046	0.0048	0.0042	0.0040	0.0039	0.0039	0.0034	0.0029	0.0029	0.0032	0.0030	0.0034	0.0030	0.0030	0.0031	0.0028	0.0028	0.0028	0.0030	0.0031	0.0028	0.0024	0.0018
04/04/17	0.0017	0.0015	0.0016	0.0013	0.0013	0.0012	0.0012	0.0012	0.0011	0.0010	0.0010	0.0009	0.0010	0.0010	0.0010	0.0010	0.0011	0.0012	0.0012	0.0012	0.0015	0.0015	0.0015	0.0016
04/05/17	0.0015	0.0017	0.0017	0.0017	0.0018	0.0017	0.0018	0.0018	0.0068															
04/06/17																								
04/07/17																								
04/08/17																								
04/09/17																								
04/10/17																								
04/11/17	0.0036	0.0036	0.0035	0.0035	0.0040	0.0040	0.0038	0.0036	0.0036	0.0040	0.0046	0.0047	0.0590	0.0570	0.0229	0.0140	0.0074	0.0079	0.0054	0.0032	0.0029	0.0032	0.0033	0.0035
04/12/17	0.0018	0.0025	0.0026	0.0025	0.0027	0.0023	0.0023	0.0021	0.0033	0.0052	0.0054	0.0049	0.0050	0.0046	0.0050	0.0048	0.0052	0.0053	0.0050	0.0036	0.0036	0.0027	0.0022	0.0023
04/13/17	0.0030	0.0031	0.0029	0.0033	0.0034	0.0032	0.0038	0.0036	0.0038	0.0043	0.0038	0.0037	0.0036	0.0036	0.0037	0.0033	0.0026	0.0022	0.0024	0.0024	0.0031	0.0036	0.0032	0.0030
04/14/17	0.0033	0.0033	0.0032	0.0031	0.0034	0.0033	0.0035	0.0039	0.0042	0.0047	0.0050	0.0045	0.0038	0.0037	0.0032	0.0031	0.0032	0.0034	0.0033	0.0034	0.0030	0.0029	0.0031	0.0031
04/15/17	0.0039	0.0042	0.0040	0.0043	0.0043	0.0044	0.0046	0.0042	0.0043	0.0042	0.0042	0.0049	0.0046	0.0049	0.0051	0.0045	0.0049	0.0048	0.0045	0.0047	0.0041	0.0040	0.0039	0.0042
04/16/17	0.0026	0.0023	0.0024	0.0025	0.0025	0.0024	0.0022	0.0020	0.0022	0.0018	0.0016	0.0013	0.0043	0.0042	0.0040	0.0040	0.0033	0.0031	0.0026	0.0024	0.0024	0.0022	0.0024	0.0027
04/17/17	0.0012	0.0012	0.0012	0.0012	0.0011	0.0010	0.0009	0.0008	0.0008	0.0007	0.0009	0.0012	0.0016	0.0019	0.0018	0.0017	0.0016	0.0015	0.0017	0.0015	0.0011	0.0011	0.0013	0.0012
04/18/17	0.0030	0.0028	0.0029	0.0030	0.0030	0.0031	0.0033	0.0035	0.0036	0.0035	0.0046	0.0046	0.0012	0.0017	0.0015	0.0018	0.0024	0.0025	0.0026	0.0028	0.0032	0.0030	0.0029	0.0030
04/19/17	0.0050	0.0051	0.0049	0.0053	0.0053	0.0051	0.0054	0.0055	0.0050	0.0054	0.0060	0.0062	0.0045	0.0043	0.0044	0.0049	0.0041	0.0037	0.0036	0.0038	0.0043	0.0047	0.0046	0.0047
04/20/17													0.0054	0.0045	0.0047	0.0044	0.0045	0.0042	0.0039	0.0039				
04/21/17	0.0059	0.0060	0.0059	0.0062	0.0055	0.0052	0.0051	0.0052	0.0054	0.0059	0.0061	0.0064	0.0539	0.0578	0.0430	0.0430	0.0430	0.0430	0.0430	0.0079	0.0096	0.0070	0.0052	0.0050
04/22/17	0.0052	0.0053	0.0052	0.0052	0.0052	0.0052	0.0052	0.0051	0.0057	0.0058	0.0060	0.0053	0.0066	0.0061	0.0063	0.0060	0.0060	0.0054	0.0051	0.0052	0.0058	0.0062	0.0063	0.0055
04/23/17	0.0066	0.0068	0.0054	0.0055	0.0052	0.0052	0.0053	0.0055	0.0057	0.0062	0.0062	0.0063	0.0053	0.0049	0.0052	0.0048	0.0051	0.0047	0.0054	0.0051	0.0052	0.0066	0.0069	0.0062
04/24/17	0.0045	0.0044	0.0046	0.0047	0.0050	0.0048	0.0053	0.0060	0.0061	0.0062	0.0061	0.0061	0.0065	0.0067	0.0060	0.0055	0.0052	0.0048	0.0050	0.0047	0.0045	0.0043	0.0045	0.0045
04/25/17	0.0051	0.0052	0.0048	0.0045	0.0040	0.0043	0.0042	0.0041	0.0034	0.0031	0.0034	0.0031	0.0063	0.0063	0.0059	0.0064	0.0061	0.0065	0.0057	0.0058	0.0060	0.0056	0.0057	0.0050
04/26/17	0.0022	0.0024	0.0024	0.0025	0.0025	0.0024	0.0024	0.0024	0.0023	0.0040	0.0000	0.0000	0.0028	0.0030	0.0029	0.0026	0.0028	0.0030	0.0033	0.0025	0.0024	0.0023	0.0026	0.0024
04/27/17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0020	0.0042	0.0024	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
04/28/17	0.0026	0.0027	0.0027	0.0025	0.0028	0.0028	0.0029	0.0032	0.0034	0.0037	0.0040	0.0043	0.0022	0.0024	0.0025	0.0026	0.0027	0.0028	0.0028	0.0032	0.0035	0.0032	0.0029	0.0030
04/29/17	0.0027	0.0025	0.0025	0.0023	0.0020	0.0019	0.0019	0.0020	0.0022	0.0023	0.0022	0.0027	0.0050	0.0056	0.0064	0.0061	0.0060	0.0057	0.0049	0.0039	0.0033	0.0030	0.0029	0.0029
04/30/17	0.0032	0.0033	0.0034	0.0037	0.0040	0.0043	0.0049	0.0049	0.0051	0.0049	0.0056	0.0056	0.0029	0.0025	0.0024	0.0025	0.0027	0.0027	0.0028	0.0027	0.0025	0.0025	0.0026	0.0031
													0.0061	0.0062	0.0060	0.0057	0.0052	0.0054	0.0054	0.0058	0.0059	0.0051	0.0050	0.0053

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:31

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: May 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
05/01/17	0.0051	0.0050	0.0048	0.0048	0.0046	0.0045	0.0043	0.0043	0.0041	0.0036	0.0033	0.0025	0.0022	0.0022	0.0024	0.0024	0.0022	0.0022	0.0023	0.0025	0.0024	0.0023	0.0021	0.0020
05/02/17	0.0020	0.0020	0.0019	0.0019	0.0019	0.0020	0.0019	0.0021	0.0021	0.0020	0.0021	0.0017	0.0021	0.0022	0.0025	0.0026	0.0029	0.0025	0.0027	0.0032	0.0034	0.0038	0.0039	0.0042
05/03/17	0.0047	0.0049	0.0051	0.0049	0.0050	0.0044	0.0031	0.0026	0.0027	0.0025	0.0029	0.0031	0.0029	0.0027	0.0027	0.0036	0.0040	0.0047	0.0057	0.0062	0.0066	0.0066	0.0064	0.0072
05/04/17	0.0078	0.0074	0.0079	0.0076	0.0059	0.0061	0.0063	0.0064	0.0065	0.0062	0.0062	0.0067	0.0062	0.0063	0.0059	0.0059	0.0055	0.0052	0.0049	0.0047	0.0044	0.0045	0.0046	0.0042
05/05/17	0.0036	0.0034	0.0031	0.0030	0.0027	0.0026	0.0025	0.0016	0.0014	0.0013	0.0012	0.0013	0.0012	0.0012	0.0013	0.0013	0.0013	0.0014	0.0013	0.0013	0.0011	0.0011	0.0011	0.0011
05/06/17	0.0011	0.0011	0.0011	0.0013	0.0015	0.0020	0.0023	0.0024	0.0025	0.0026	0.0026	0.0026	0.0024	0.0025	0.0024	0.0022	0.0023	0.0021	0.0022	0.0026	0.0027	0.0028	0.0025	0.0029
05/07/17	0.0030	0.0033	0.0035	0.0034	0.0038	0.0037	0.0036	0.0034	0.0028	0.0028	0.0028	0.0025	0.0028	0.0025	0.0026	0.0029	0.0034	0.0038	0.0035	0.0034	0.0034	0.0036	0.0039	0.0038
05/08/17	0.0038	0.0039	0.0044	0.0043	0.0044	0.0043	0.0046	0.0047	0.0052	0.0050	0.0057	0.0051	0.0050	0.0047	0.0050	0.0051	0.0054	0.0056	0.0063	0.0069	0.0074	0.0068	0.0070	0.0060
05/09/17	0.0060	0.0060	0.0053	0.0053	0.0048	0.0052	0.0051	0.0055	0.0059	0.0056	0.0054	0.0063	0.0064	0.0056	0.0054	0.0049	0.0046	0.0051	0.0051	0.0051	0.0051	0.0047	0.0046	0.0045
05/10/17	0.0043	0.0045	0.0042	0.0041	0.0039	0.0037	0.0040	0.0069	0.0037	0.0036	0.0038	0.0041	0.0044	0.0046	0.0039	0.0039	0.0044	0.0043	0.0040	0.0040	0.0040	0.0042	0.0038	0.0036
05/11/17	0.0036	0.0031	0.0033	0.0032	0.0027	0.0027	0.0040	0.0023	0.0029	0.0035	0.0037	0.0033	0.0031	0.0031	0.0027	0.0026	0.0028	0.0024	0.0022	0.0020	0.0020	0.0020	0.0024	0.0028
05/12/17	0.0026	0.0028	0.0029	0.0028	0.0027	0.0028	0.0040	0.0040	0.0087	0.0031	0.0035	0.0039	0.0040	0.0040	0.0042	0.0043	0.0044	0.0043	0.0043	0.0045	0.0043	0.0046	0.0048	0.0044
05/13/17	0.0039	0.0039	0.0036	0.0029	0.0026	0.0023	0.0040	0.0040	0.0021	0.0018	0.0019	0.0020	0.0020	0.0023	0.0025	0.0025	0.0026	0.0030	0.0031	0.0031	0.0036	0.0035	0.0036	0.0039
05/14/17	0.0032	0.0033	0.0037	0.0033	0.0035	0.0033	0.0031	0.0033	0.0035	0.0029	0.0026	0.0028	0.0021	0.0021	0.0021	0.0019	0.0020	0.0019	0.0019	0.0023	0.0023	0.0029	0.0039	0.0040
05/15/17	0.0046	0.0039	0.0040	0.0048	0.0040	0.0047	0.0038	0.0029	0.0036	0.0035	0.0034	0.0036	0.0028	0.0034	0.0032	0.0036	0.0038	0.0042	0.0051	0.0056	0.0056	0.0056	0.0054	0.0054
05/16/17	0.0053	0.0047	0.0053	0.0054	0.0049	0.0053	0.0050	0.0054	0.0055	0.0046	0.0040	0.0040	0.0032	0.0034	0.0036	0.0036	0.0039	0.0033	0.0027	0.0028	0.0024	0.0020	0.0019	0.0023
05/17/17	0.0024	0.0026	0.0023	0.0024	0.0021	0.0023	0.0022	0.0025	0.0025	0.0021	0.0021	0.0021	0.0024	0.0025	0.0028	0.0037	0.0034	0.0030	0.0024	0.0016	0.0014	0.0012	0.0012	0.0011
05/18/17	0.0011	0.0010	0.0010	0.0012	0.0012	0.0011	0.0014	0.0015	0.0014	0.0015	0.0016	0.0018	0.0020	0.0023	0.0026	0.0025	0.0021	0.0018	0.0013	0.0011	0.0010	0.0008	0.0007	0.0007
05/19/17	0.0006	0.0005	0.0006	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0007	0.0007	0.0007	0.0007	0.0008	0.0008	0.0009	0.0009	0.0011	0.0010	0.0011	0.0010	0.0011	0.0016	0.0017
05/20/17	0.0027	0.0031	0.0035	0.0038	0.0043	0.0049	0.0054	0.0054	0.0066	0.0074	0.0080	0.0086	0.0080	0.0079	0.0081	0.0074	0.0072	0.0067	0.0060	0.0063	0.0058	0.0058	0.0059	0.0062
05/21/17	0.0062	0.0062	0.0057	0.0053	0.0052	0.0059	0.0072	0.0082	0.0087	0.0077	0.0073	0.0072	0.0079	0.0081	0.0076	0.0059	0.0055	0.0053	0.0047	0.0042	0.0044	0.0052	0.0053	0.0053
05/22/17	0.0055	0.0050	0.0044	0.0043	0.0039	0.0041	0.0034	0.0040	0.0034	0.0023	0.0023	0.0018	0.0020	0.0019	0.0019	0.0013	0.0010	0.0008	0.0009	0.0008	0.0009	0.0010	0.0010	0.0011
05/23/17	0.0015	0.0015	0.0017	0.0017	0.0018	0.0020	0.0022	0.0024	0.0025	0.0024	0.0046	0.0032	0.0037	0.0033	0.0036	0.0038	0.0032	0.0041	0.0042	0.0041	0.0041	0.0043	0.0040	0.0039
05/24/17	0.0040	0.0042	0.0048	0.0044	0.0034	0.0036	0.0035	0.0039	0.0036	0.0040	0.0037	0.0036	0.0039	0.0039	0.0040	0.0043	0.0040	0.0036	0.0038	0.0037	0.0036	0.0034	0.0032	0.0033
05/25/17	0.0043	0.0043	0.0039	0.0036	0.0031	0.0032	0.0031	0.0029	0.0022	0.0028	0.0032	0.0027	0.0028	0.0023	0.0014	0.0012	0.0012	0.0009	0.0009	0.0011	0.0008	0.0012	0.0016	0.0019
05/26/17	0.0020	0.0019	0.0020	0.0021	0.0022	0.0024	0.0026	0.0022	0.0019	0.0017	0.0013	0.0011	0.0016	0.0016	0.0019	0.0020	0.0027	0.0025	0.0029	0.0032	0.0035	0.0039	0.0045	0.0046
05/27/17	0.0051	0.0051	0.0049	0.0046	0.0046	0.0047	0.0046	0.0050	0.0048	0.0044	0.0041	0.0040	0.0038	0.0036	0.0035	0.0033	0.0037	0.0041	0.0040	0.0037	0.0036	0.0035	0.0031	0.0027
05/28/17	0.0028	0.0025	0.0030	0.0026	0.0028	0.0026	0.0028	0.0036	0.0035	0.0034	0.0040	0.0043	0.0043	0.0044	0.0045	0.0047	0.0051	0.0050	0.0062	0.0063	0.0062	0.0058	0.0073	0.0075
05/29/17	0.0061	0.0066	0.0058	0.0060	0.0058	0.0063	0.0062	0.0063	0.0074	0.0073	0.0073	0.0065	0.0070	0.0069	0.0068	0.0068	0.0065	0.0070	0.0070	0.0071	0.0073	0.0076	0.0074	0.0075
05/30/17	0.0078	0.0077	0.0072	0.0076	0.0084	0.0076	0.0067	0.0073	0.0073	0.0073	0.0067	0.0058	0.0052	0.0056	0.0061	0.0053	0.0048	0.0048	0.0058	0.0052	0.0052	0.0050	0.0056	0.0054
05/31/17	0.0054	0.0052	0.0047	0.0044	0.0034	0.0037	0.0035	0.0030	0.0035	0.0043	0.0039	0.0037	0.0045	0.0040	0.0044	0.0045	0.0049	0.0049	0.0041	0.0027	0.0025	0.0024	0.0024	0.0025

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:32

Report Version 4.0

MONROE\Stephen.Brady

Month at a Glance

Plant: TRAN
Source: BOILER14
Parameter: NOX#PD14
Report Month: June 2017 Time Online Criteria: 1

	NOX#PD14																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
06/01/17	0.0029	0.0028	0.0027	0.0027	0.0028	0.0031	0.0033	0.0034	0.0041	0.0029	0.0075	0.0019	0.0036	0.0035	0.0039	0.0045	0.0051	0.0052	0.0057	0.0066	0.0068	0.0064	0.0068	0.0066
06/02/17	0.0068	0.0067	0.0073	0.0072	0.0064	0.0062	0.0040	0.0040	0.0068	0.0079	0.0068	0.0054	0.0043	0.0039	0.0030	0.0044	0.0047	0.0041	0.0047	0.0061	0.0069	0.0067	0.0066	0.0072
06/03/17	0.0078	0.0070	0.0067	0.0064	0.0064	0.0063	0.0076	0.0072	0.0063	0.0067	0.0071	0.0056	0.0049	0.0051	0.0052	0.0049	0.0051	0.0061	0.0065	0.0059	0.0057	0.0050	0.0050	0.0051
06/04/17	0.0057	0.0060	0.0062	0.0061	0.0069	0.0071	0.0069	0.0054	0.0040	0.0023	0.0018	0.0018	0.0019	0.0021	0.0022	0.0025	0.0024	0.0023	0.0020	0.0017	0.0016	0.0014	0.0013	0.0013
06/05/17	0.0009	0.0011	0.0013	0.0012	0.0011	0.0012	0.0014	0.0012	0.0008	0.0004	0.0003	0.0002	0.0001	0.0002	0.0003	0.0005	0.0007	0.0008	0.0008	0.0010	0.0010	0.0010	0.0012	0.0013
06/06/17	0.0014	0.0014	0.0014	0.0014	0.0015	0.0017	0.0040	0.0040	0.0037	0.0041	0.0042	0.0048	0.0048	0.0033	0.0048	0.0047	0.0046	0.0048	0.0046	0.0049	0.0046	0.0051	0.0056	0.0059
06/07/17	0.0065	0.0064	0.0066	0.0071	0.0066	0.0071	0.0030	0.0040	0.0040	0.0015	0.0051	0.0042	0.0056	0.0050	0.0048	0.0041	0.0040	0.0042	0.0038	0.0038	0.0029	0.0026	0.0024	0.0025
06/08/17	0.0026	0.0030	0.0034	0.0036	0.0037	0.0039	0.0040	0.0040	0.0040	0.0051	0.0061	0.0065	0.0068	0.0062	0.0052	0.0052	0.0057	0.0061	0.0059	0.0052	0.0050	0.0042	0.0046	0.0039
06/09/17	0.0040	0.0041	0.0042	0.0041	0.0041	0.0040	0.0040	0.0040	0.0042	0.0033	0.0046	0.0030	0.0016	0.0016	0.0016	0.0015	0.0017	0.0018	0.0018	0.0018	0.0016	0.0019	0.0018	0.0017
06/10/17	0.0018	0.0020	0.0020	0.0020	0.0021	0.0040	0.0040	0.0025	0.0028	0.0031	0.0054	0.0036	0.0043	0.0039	0.0031	0.0030	0.0030	0.0029	0.0025	0.0020	0.0016	0.0018	0.0016	0.0013
06/11/17	0.0011	0.0011	0.0012	0.0012	0.0012	0.0012	0.0011	0.0010	0.0011	0.0012	0.0013	0.0053	0.0044	0.0044	0.0051	0.0052	0.0051	0.0051	0.0049	0.0039	0.0034	0.0028	0.0025	0.0023
06/12/17	0.0022	0.0021	0.0022	0.0018	0.0021	0.0023	0.0022	0.0023	0.0024	0.0023	0.0025	0.0025	0.0031	0.0040	0.0044	0.0052	0.0056	0.0052	0.0052	0.0048	0.0043	0.0042	0.0039	0.0037
06/13/17	0.0035	0.0034	0.0036	0.0035	0.0037	0.0036	0.0035	0.0037	0.0040	0.0045	0.0055	0.0062	0.0055	0.0054	0.0042	0.0037	0.0039	0.0024	0.0020	0.0021	0.0015	0.0012	0.0012	0.0011
06/14/17	0.0009	0.0009	0.0006	0.0007	0.0011	0.0040	0.0040	0.0040	0.0026	0.0029	0.0040	0.0065	0.0032	0.0032	0.0027	0.0027	0.0026	0.0025	0.0028	0.0034	0.0037	0.0040	0.0040	0.0042
06/15/17	0.0043	0.0046	0.0051	0.0054	0.0056	0.0053	0.0049	0.0051	0.0055	0.0050	0.0049	0.0052	0.0060	0.0062	0.0065	0.0064	0.0063	0.0063	0.0061	0.0060	0.0054	0.0050	0.0047	0.0045
06/16/17	0.0045	0.0042	0.0039	0.0040	0.0039	0.0040	0.0040	0.0040	0.0036	0.0036	0.0040	0.0039	0.0037	0.0035	0.0033	0.0035	0.0032	0.0030	0.0027	0.0027	0.0025	0.0025	0.0025	0.0027
06/17/17	0.0026	0.0023	0.0024	0.0023	0.0025	0.0040	0.0040	0.0040	0.0029	0.0027	0.0027	0.0027	0.0029	0.0032	0.0029	0.0022	0.0017	0.0018	0.0018	0.0016	0.0017	0.0018	0.0017	0.0018
06/18/17	0.0018	0.0017	0.0016	0.0016	0.0015	0.0030	0.0030	0.0040	0.0040	0.0040	0.0021	0.0022	0.0024	0.0025	0.0024	0.0024	0.0024	0.0023	0.0022	0.0020	0.0018	0.0018	0.0017	0.0017
06/19/17	0.0016	0.0016	0.0015	0.0015	0.0015	0.0015	0.0016	0.0017	0.0017	0.0017	0.0018	0.0019	0.0019	0.0018	0.0020	0.0018	0.0016	0.0020	0.0020	0.0020	0.0022	0.0021	0.0022	0.0022
06/20/17	0.0022	0.0018	0.0017	0.0017	0.0019	0.0022	0.0022	0.0025	0.0027	0.0056	0.0028	0.0030	0.0032	0.0035	0.0037	0.0037	0.0036	0.0041	0.0041	0.0035	0.0031	0.0026	0.0022	0.0027
06/21/17	0.0025	0.0024	0.0023	0.0021	0.0019	0.0018	0.0019	0.0019	0.0023	0.0030	0.0031	0.0034	0.0036	0.0035	0.0044	0.0043	0.0040	0.0038	0.0033	0.0038	0.0031	0.0029	0.0029	0.0025
06/22/17	0.0024	0.0023	0.0024	0.0023	0.0023	0.0040	0.0040	0.0040	0.0023	0.0026	0.0032	0.0034	0.0034	0.0031	0.0030	0.0031	0.0024	0.0021	0.0018	0.0018	0.0014	0.0014	0.0014	0.0013
06/23/17	0.0011	0.0012	0.0011	0.0011	0.0010	0.0009	0.0008	0.0007	0.0008	0.0007	0.0008	0.0008	0.0009	0.0009	0.0011	0.0011	0.0011	0.0012	0.0011	0.0011	0.0011	0.0013	0.0013	0.0012
06/24/17	0.0012	0.0016	0.0015	0.0016	0.0017	0.0010	0.0011	0.0015	0.0013	0.0013	0.0014	0.0018	0.0022	0.0024	0.0027	0.0028	0.0032	0.0034	0.0034	0.0034	0.0033	0.0036	0.0034	0.0033
06/25/17	0.0028	0.0027	0.0026	0.0025	0.0027	0.0026	0.0024	0.0030	0.0035	0.0043	0.0046	0.0044	0.0045	0.0045	0.0047	0.0041	0.0041	0.0043	0.0044	0.0045	0.0044	0.0041	0.0043	0.0043
06/26/17	0.0048	0.0051	0.0056	0.0054	0.0059	0.0055	0.0053	0.0056	0.0072	0.0072	0.0077	0.0055	0.0058	0.0054	0.0050	0.0050	0.0049	0.0048	0.0042	0.0035	0.0036	0.0034	0.0038	0.0033
06/27/17	0.0038	0.0027	0.0031	0.0037	0.0037	0.0035	0.0032	0.0031	0.0029	0.0017	0.0023	0.0034	0.0033	0.0031	0.0030	0.0035	0.0037	0.0020	0.0014	0.0009	0.0012	0.0014	0.0028	0.0061
06/28/17	0.0055	0.0055	0.0053	0.0053	0.0052	0.0057	0.0053	0.0043	0.0038	0.0040	0.0042	0.0039	0.0043	0.0036	0.0034	0.0041	0.0045	0.0043	0.0043	0.0037	0.0036	0.0061	0.0066	0.0056
06/29/17	0.0057	0.0045	0.0044	0.0044	0.0038	0.0036	0.0038	0.0031	0.0029	0.0014	0.0008	0.0007	0.0008	0.0009	0.0019	0.0030	0.0032	0.0034	0.0035	0.0034	0.0035	0.0035	0.0037	0.0040
06/30/17	0.0033	0.0032	0.0032	0.0040	0.0043	0.0040	0.0040	0.0040	0.0063	0.0047	0.0050	0.0068	0.0029	0.0037	0.0041	0.0035	0.0034	0.0031	0.0032	0.0032	0.0031	0.0030	0.0025	0.0023

OffLine | Invalid | Out of Control | Exceedance | Maintenance | Calibration

Report Generated: 07/12/17 11:32

Report Version 4.0

MONROE\Stephen.Brady

Attachment 2

30-Day Average Hourly NO_X Emission Rates for Boilers 9, 10 and 14

Average Data

Plant: MONROE ENERGY, LLC.
Interval: 30 Day
Type: Roll
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source		BOILER10	BOILER14	BOILER9
Parameter		NOX#PD10	NOX#PD14	NOX#PD9
Unit		(LB/MMBTU)	(LB/MMBTU)	(LB/MMBTU)
01/01/17	00:00	0.005	0.0042	0.005
01/02/17	00:00	0.005	0.0043	0.005
01/03/17	00:00	0.005	0.0044	0.005
01/04/17	00:00	0.005	0.0043	0.005
01/05/17	00:00	0.005	0.0044	0.005
01/06/17	00:00	0.005	0.0044	0.005
01/07/17	00:00	0.005	0.0046	0.005
01/08/17	00:00	0.005	0.0046	0.005
01/09/17	00:00	0.005	0.0045	0.005
01/10/17	00:00	0.005	0.0043	0.005
01/11/17	00:00	0.005	0.0043	0.005
01/12/17	00:00	0.005	0.0041	0.005
01/13/17	00:00	0.005	0.0040	0.005
01/14/17	00:00	0.005	0.0040	0.005
01/15/17	00:00	0.005	0.0040	0.005
01/16/17	00:00	0.005	0.0039	0.005
01/17/17	00:00	0.006	0.0039	0.005
01/18/17	00:00	0.006	0.0036	0.005
01/19/17	00:00	0.005	0.0035	0.005
01/20/17	00:00	0.005	0.0034	0.005
01/21/17	00:00	0.005	0.0034	0.005
01/22/17	00:00	0.005	0.0034	0.005
01/23/17	00:00	0.005	0.0034	0.005
01/24/17	00:00	0.005	0.0034	0.005
01/25/17	00:00	0.005	0.0034	0.005
01/26/17	00:00	0.005	0.0034	0.004
01/27/17	00:00	0.005	0.0034	0.004
01/28/17	00:00	0.005	0.0034	0.004
01/29/17	00:00	0.005	0.0033	0.004
01/30/17	00:00	0.005	0.0032	0.004
01/31/17	00:00	0.005	0.0031	0.004
02/01/17	00:00	0.005	0.0031	0.004
02/02/17	00:00	0.005	0.0030	0.004
02/03/17	00:00	0.005	0.0032	0.004
02/04/17	00:00	0.005	0.0032	0.004
02/05/17	00:00	0.005	0.0032	0.004
02/06/17	00:00	0.005	0.0031	0.004
02/07/17	00:00	0.005	0.0031	0.004
02/08/17	00:00	0.005	0.0030	0.004
02/09/17	00:00	0.005	0.0031	0.004
02/10/17	00:00	0.005	0.0032	0.004
02/11/17	00:00	0.005	0.0034	0.004
02/12/17	00:00	0.005	0.0035	0.004
02/13/17	00:00	0.005	0.0035	0.004
02/14/17	00:00	0.005	0.0036	0.004
02/15/17	00:00	0.005	0.0037	0.004
02/16/17	00:00	0.005	0.0037	0.004
02/17/17	00:00	0.005	0.0039	0.004
02/18/17	00:00	0.005	0.0041	0.004
02/19/17	00:00	0.005	0.0041	0.004
02/20/17	00:00	0.005	0.0042	0.004

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **I = Invalid**
M = Maintenance **T = Out Of Control** *** = Suspect** **U = Startup** **D = Shutdown**

Average Data

Plant: MONROE ENERGY, LLC.
Interval: 30 Day
Type: Roll
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source		BOILER10	BOILER14	BOILER9
Parameter Unit		NOX#PD10 (LB/MMBTU)	NOX#PD14 (LB/MMBTU)	NOX#PD9 (LB/MMBTU)
02/21/17	00:00	0.005	0.0044	0.004
02/22/17	00:00	0.005	0.0044	0.004
02/23/17	00:00	0.005	0.0045	0.004
02/24/17	00:00	0.005	0.0045	0.004
02/25/17	00:00	0.004	0.0044	0.004
02/26/17	00:00	0.004	0.0045	0.004
02/27/17	00:00	0.004	0.0045	0.004
02/28/17	00:00	0.004	0.0045	0.004
03/01/17	00:00	0.004	0.0044	0.004
03/02/17	00:00	0.004	0.0044	0.004
03/03/17	00:00	0.004	0.0043	0.004
03/04/17	00:00	0.004	0.0042	0.004
03/05/17	00:00	0.004	0.0042	0.004
03/06/17	00:00	0.004	0.0042	0.004
03/07/17	00:00	0.004	0.0041	0.004
03/08/17	00:00	0.004	0.0040	0.004
03/09/17	00:00	0.004	0.0040	0.004
03/10/17	00:00	0.004	0.0040	0.004
03/11/17	00:00	0.004	0.0041	0.004
03/12/17	00:00	0.004	0.0041	0.004
03/13/17	00:00	0.004	0.0042	0.004
03/14/17	00:00	0.004	0.0041	0.004
03/15/17	00:00	0.004	0.0041	0.004
03/16/17	00:00	0.004	0.0040	0.004
03/17/17	00:00	0.004	0.0041	0.004
03/18/17	00:00	0.004	0.0042	0.004
03/19/17	00:00	0.004	0.0041	0.004
03/20/17	00:00	0.004	0.0040	0.004
03/21/17	00:00	0.004	0.0040	0.004
03/22/17	00:00	0.004	0.0040	0.004
03/23/17	00:00	0.004	0.0040	0.004
03/24/17	00:00	0.004	0.0040	0.004
03/25/17	00:00	0.004	0.0040	0.004
03/26/17	00:00	0.004	0.0040	0.004
03/27/17	00:00	0.004	0.0040	0.004
03/28/17	00:00	0.004	0.0040	0.004
03/29/17	00:00	0.004	0.0039	0.004
03/30/17	00:00	0.004	0.0038	0.004
03/31/17	00:00	0.004	0.0039	0.004
04/01/17	00:00	0.004	0.0039	0.004
04/02/17	00:00	0.004	0.0040	0.004
04/03/17	00:00	0.004	0.0040	0.004
04/04/17	00:00	0.004	0.0039	0.004
04/05/17	00:00	0.004	0.0039	0.004
04/06/17	00:00	0.004	0.0039	0.004
04/07/17	00:00	0.004	0.0039	0.004
04/08/17	00:00	0.004	0.0039	0.004
04/09/17	00:00	0.004	0.0039	0.004
04/10/17	00:00	0.004	0.0039	0.004
04/11/17	00:00	0.004	0.0039	0.004
04/12/17	00:00	0.004	0.0039	0.004

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **I = Invalid**
M = Maintenance **T = Out Of Control** *** = Suspect** **U = Startup** **D = Shutdown**

Average Data

Plant: MONROE ENERGY, LLC.
Interval: 30 Day
Type: Roll
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source		BOILER10	BOILER14	BOILER9
Parameter Unit		NOX#PD10 (LB/MMBTU)	NOX#PD14 (LB/MMBTU)	NOX#PD9 (LB/MMBTU)
04/13/17	00:00	0.004	0.0039	0.004
04/14/17	00:00	0.004	0.0039	0.004
04/15/17	00:00	0.004	0.0039	0.004
04/16/17	00:00	0.004	0.0038	0.004
04/17/17	00:00	0.004	0.0037	0.004
04/18/17	00:00	0.004	0.0036	0.004
04/19/17	00:00	0.004	0.0036	0.004
04/20/17	00:00	0.004	0.0036	0.004
04/21/17	00:00	0.004	0.0037	0.004
04/22/17	00:00	0.004	0.0037	0.004
04/23/17	00:00	0.004	0.0038	0.004
04/24/17	00:00	0.004	0.0037	0.004
04/25/17	00:00	0.004	0.0037	0.004
04/26/17	00:00	0.004	0.0036	0.004
04/27/17	00:00	0.004	0.0035	0.004
04/28/17	00:00	0.004	0.0035	0.004
04/29/17	00:00	0.004	0.0035	0.004
04/30/17	00:00	0.004	0.0034	0.004
05/01/17	00:00	0.004	0.0034	0.004
05/02/17	00:00	0.004	0.0034	0.004
05/03/17	00:00	0.004	0.0034	0.004
05/04/17	00:00	0.004	0.0036	0.004
05/05/17	00:00	0.004	0.0036	0.004
05/06/17	00:00	0.004	0.0036	0.004
05/07/17	00:00	0.004	0.0035	0.004
05/08/17	00:00	0.004	0.0036	0.004
05/09/17	00:00	0.004	0.0036	0.004
05/10/17	00:00	0.004	0.0036	0.004
05/11/17	00:00	0.004	0.0036	0.004
05/12/17	00:00	0.004	0.0037	0.004
05/13/17	00:00	0.004	0.0036	0.004
05/14/17	00:00	0.004	0.0036	0.004
05/15/17	00:00	0.004	0.0037	0.004
05/16/17	00:00	0.004	0.0037	0.004
05/17/17	00:00	0.004	0.0036	0.004
05/18/17	00:00	0.004	0.0036	0.004
05/19/17	00:00	0.004	0.0036	0.004
05/20/17	00:00	0.004	0.0036	0.004
05/21/17	00:00	0.004	0.0037	0.004
05/22/17	00:00	0.004	0.0036	0.004
05/23/17	00:00	0.004	0.0035	0.004
05/24/17	00:00	0.004	0.0034	0.004
05/25/17	00:00	0.004	0.0034	0.004
05/26/17	00:00	0.004	0.0034	0.003
05/27/17	00:00	0.004	0.0035	0.004
05/28/17	00:00	0.004	0.0035	0.004
05/29/17	00:00	0.004	0.0037	0.004
05/30/17	00:00	0.004	0.0037	0.003
05/31/17	00:00	0.004	0.0037	0.003
06/01/17	00:00	0.004	0.0038	0.003
06/02/17	00:00	0.004	0.0038	0.003

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **I = Invalid**
M = Maintenance **T = Out Of Control** *** = Suspect** **U = Startup** **D = Shutdown**

Average Data

Plant: MONROE ENERGY, LLC.
Interval: 30 Day
Type: Roll
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source		BOILER10	BOILER14	BOILER9
Parameter Unit		NOX#PD10 (LB/MMBTU)	NOX#PD14 (LB/MMBTU)	NOX#PD9 (LB/MMBTU)
06/03/17	00:00	0.004	0.0038	0.003
06/04/17	00:00	0.004	0.0039	0.003
06/05/17	00:00	0.004	0.0039	0.003
06/06/17	00:00	0.004	0.0039	0.003
06/07/17	00:00	0.004	0.0039	0.003
06/08/17	00:00	0.004	0.0038	0.003
06/09/17	00:00	0.003	0.0038	0.003
06/10/17	00:00	0.003	0.0038	0.003
06/11/17	00:00	0.003	0.0037	0.003
06/12/17	00:00	0.003	0.0038	0.003
06/13/17	00:00	0.003	0.0038	0.003
06/14/17	00:00	0.003	0.0037	0.003
06/15/17	00:00	0.003	0.0038	0.003
06/16/17	00:00	0.003	0.0038	0.003
06/17/17	00:00	0.003	0.0039	0.003
06/18/17	00:00	0.003	0.0039	0.003
06/19/17	00:00	0.003	0.0037	0.003
06/20/17	00:00	0.003	0.0036	0.003
06/21/17	00:00	0.003	0.0037	0.003
06/22/17	00:00	0.003	0.0036	0.003
06/23/17	00:00	0.003	0.0035	0.003
06/24/17	00:00	0.003	0.0035	0.003
06/25/17	00:00	0.003	0.0036	0.003
06/26/17	00:00	0.003	0.0036	0.003
06/27/17	00:00	0.003	0.0036	0.003
06/28/17	00:00	0.003	0.0035	0.003
06/29/17	00:00	0.003	0.0034	0.003
06/30/17	00:00	0.003	0.0034	0.003
	Average	0.004	0.0038	0.004
	Minimum	0.003	0.0030	0.003
	Maximum	0.006	0.0046	0.005
	Summation	0.759	0.6858	0.716
	Included Data Points	181	181	181
	Total number of Data Points	181	181	181

F = Unit Offline **E = Exceedance** **C = Calibration** **S = Substituted** **I = Invalid**
M = Maintenance **T = Out Of Control** *** = Suspect** **U = Startup** **D = Shutdown**

Downtime Events - Duration

Plant: MONROE ENERGY, LLC.
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source: BOILER10
Parameter: NOX#MM
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
1	03/29/2017 09:00	03/29/2017 13:59	5.00	00 - None 00 - None
2	06/16/2017 11:00	06/16/2017 12:59	2.00	00 - None 00 - None
3	06/17/2017 10:00	06/17/2017 10:59	1.00	00 - None 00 - None
4	06/17/2017 12:00	06/17/2017 12:59	1.00	00 - None 00 - None
		Number of Events:	4	
		Total Duration:	9.00 hours	

Source: BOILER10
Parameter: NOX#PD10
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
5	03/29/2017 09:00	03/29/2017 13:59	5.00	00 - None 00 - None
6	06/16/2017 11:00	06/16/2017 12:59	2.00	00 - None 00 - None
7	06/17/2017 10:00	06/17/2017 10:59	1.00	00 - None 00 - None
8	06/17/2017 12:00	06/17/2017 12:59	1.00	00 - None 00 - None
		Number of Events:	4	
		Total Duration:	9.00 hours	

Source: BOILER14
Parameter: NOX#MM
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
9	01/24/2017 06:00	01/25/2017 05:59	24.00	00 - None 00 - None
10	02/03/2017 09:00	02/03/2017 09:59	1.00	00 - None 00 - None
11	03/22/2017 06:00	03/22/2017 06:59	1.00	00 - None 00 - None

* Indicates duration incident could have additional data prior to the start date or following the end date.

Downtime Events - Duration

Plant: MONROE ENERGY, LLC.
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source: BOILER14
Parameter: NOX#MM
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
12	03/25/2017 06:00	03/25/2017 06:59	1.00	00 - None 00 - None
13	04/13/2017 13:00	04/13/2017 14:59	2.00	00 - None 00 - None
14	04/20/2017 14:00	04/20/2017 18:59	5.00	00 - None 00 - None
15	05/06/2017 06:00	05/07/2017 05:59	24.00	00 - None 00 - None
16	05/10/2017 06:00	05/10/2017 06:59	1.00	00 - None 00 - None
17	05/11/2017 06:00	05/11/2017 06:59	1.00	00 - None 00 - None
18	05/12/2017 06:00	05/12/2017 07:59	2.00	00 - None 00 - None
19	05/13/2017 06:00	05/13/2017 07:59	2.00	00 - None 00 - None
20	05/16/2017 06:00	05/16/2017 07:59	2.00	00 - None 00 - None
21	05/17/2017 06:00	05/17/2017 08:59	3.00	00 - None 00 - None
22	05/19/2017 06:00	05/20/2017 05:59	24.00	00 - None 00 - None
23	05/21/2017 06:00	05/22/2017 05:59	24.00	00 - None 00 - None
24	05/23/2017 06:00	05/23/2017 10:59	5.00	00 - None 00 - None
25	05/25/2017 06:00	05/26/2017 05:59	24.00	00 - None 00 - None
26	06/02/2017 06:00	06/02/2017 07:59	2.00	00 - None 00 - None
27	06/06/2017 06:00	06/06/2017 07:59	2.00	00 - None 00 - None
28	06/07/2017 06:00	06/07/2017 08:59	3.00	00 - None 00 - None
29	06/08/2017 06:00	06/08/2017 08:59	3.00	00 - None 00 - None
30	06/09/2017 06:00	06/09/2017 07:59	2.00	00 - None 00 - None
31	06/10/2017 05:00	06/10/2017 06:59	2.00	00 - None 00 - None
32	06/14/2017 05:00	06/14/2017 07:59	3.00	00 - None

* Indicates duration incident could have additional data prior to the start date or following the end date.

Downtime Events - Duration

Plant: MONROE ENERGY, LLC.
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Source: BOILER14
Parameter: NOX#MM
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
				00 - None
33	06/14/2017 10:00	06/14/2017 10:59	1.00	00 - None
				00 - None
34	06/16/2017 05:00	06/16/2017 07:59	3.00	00 - None
				00 - None
35	06/17/2017 05:00	06/17/2017 07:59	3.00	00 - None
				00 - None
36	06/18/2017 05:00	06/18/2017 09:59	5.00	00 - None
				00 - None
37	06/22/2017 05:00	06/22/2017 07:59	3.00	00 - None
				00 - None
38	06/30/2017 05:00	06/30/2017 07:59	3.00	00 - None
				00 - None
		Number of Events:	30	
		Total Duration:	181.00 hours	

Source: BOILER9
Parameter: NOX#MM
Interval: 001H

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
39	03/24/2017 09:00	03/24/2017 10:59	2.00	00 - None
				00 - None
40	03/24/2017 13:00	03/24/2017 14:59	2.00	00 - None
				00 - None
41	04/04/2017 09:00	04/04/2017 09:59	1.00	00 - None
				00 - None
42	06/20/2017 08:00	06/20/2017 10:59	3.00	00 - None
				00 - None
43	06/20/2017 12:00	06/20/2017 12:59	1.00	00 - None
				00 - None
44	06/21/2017 08:00	06/21/2017 08:59	1.00	00 - None
				00 - None
		Number of Events:	6	
		Total Duration:	10.00 hours	

Source: BOILER9
Parameter: NOX#PD9
Interval: 001H

* Indicates duration incident could have additional data prior to the start date or following the end date.

Downtime Events - Duration

Plant: MONROE ENERGY, LLC.
Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59
Time Online Criteria: 1 minute(s)

Incident ID	Start Date/Time	End Date/Time	Duration (hours)	Reason Code - Description Action Code - Description
45	03/24/2017 09:00	03/24/2017 10:59	2.00	00 - None 00 - None
46	03/24/2017 13:00	03/24/2017 14:59	2.00	00 - None 00 - None
47	04/04/2017 09:00	04/04/2017 09:59	1.00	00 - None 00 - None
48	06/20/2017 08:00	06/20/2017 10:59	3.00	00 - None 00 - None
49	06/20/2017 12:00	06/20/2017 12:59	1.00	00 - None 00 - None
50	06/21/2017 08:00	06/21/2017 08:59	1.00	00 - None 00 - None
		Number of Events:	6	
		Total Duration:	10.00 hours	

* Indicates duration incident could have additional data prior to the start date or following the end date.

Attachment 3

Excess Emissions and Monitoring System Summary Reports

EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE SUMMARY REPORT

Pollutant (Circle One): SO_2 (**NO_X**) TRS H_2S CO Opacity

Reporting period dates: From **January 01, 2017** to **June 30, 2017**

Company: **Monroe Energy, LLC**

Emission Limitation: **0.2 lb NO_X/MMBtu (30-day rolling average)**

Address: **4101 Post Rd, Trainer PA 19061**

Monitor Manufacturer: **NO_X – Rosemount, O_2 – Servomex**

Model No.: **NO_X – NGA2000, O_2 – 4900C1**

Date of Latest CMS Certification or Audit: **06/20/2017 (NO_X Linearity Test), 06/20/2017 (O_2 Linearity Test)**

Process Unit(s) Description: **No. 9 Boiler**

Total source operating time in reporting period [1]: **4078.28 hours**

Emission data summary [1]		CMS performance summary [1]	
1. Duration of excess emissions in the reporting period due to:		1. CMS downtime in the reporting period due to:	
a. Startup/shutdown	**0**	a. Monitor equipment malfunctions	**0**
b. Control equipment problems	**0**	b. Non-Monitor equipment malfunctions	**0**
c. Process problems	**0**	c. Quality assurance calibration	**10**
d. Other known causes	**0**	d. Other known causes	**0**
e. Unknown causes	**0**	e. Unknown causes	**0**
2. Total duration of excess emissions	**0**	2. Total CMS Downtime	**10**
3. Total duration of excess emissions x (100) / [Total source operating time]	**0.0** %[2]	3. [Total CMS Downtime] x (100) / [Total source operating time]	**0.25** %[2]

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls. **No changes to the CMS, process or controls have occurred since last reporting period.**

EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE SUMMARY REPORT

Pollutant (Circle One): SO_2 **(NO_X)** TRS H_2S CO Opacity

Reporting period dates: From **January 01, 2017** to **June 30, 2017**

Company: **Monroe Energy, LLC**

Emission Limitation: **0.2 lb NO_X/MMBtu (30-day rolling average)**

Address: **4101 Post Rd, Trainer PA 19061**

Monitor Manufacturer: **NO_X – Rosemount, O_2 – Servomex**

Model No.: **NO_X – NGA2000, O_2 – 4900C1**

Date of Latest CMS Certification or Audit: **06/16/2017 (NO_X Linearity Test), 06/17/2017 (O_2 Linearity Test)**

Process Unit(s) Description: **No. 10 Boiler**

Total source operating time in reporting period [1]: **4075.28 hours**

Emission data summary [1]		CMS performance summary [1]	
1. Duration of excess emissions in the reporting period due to:		1. CMS downtime in the reporting period due to:	
f. Startup/shutdown	0	a. Monitor equipment malfunctions	9
g. Control equipment problems	0	b. Non-Monitor equipment malfunctions	0
h. Process problems	0	c. Quality assurance calibration	0
i. Other known causes	0	d. Other known causes	0
j. Unknown causes	0	e. Unknown causes	0
2. Total duration of excess emissions	0	2. Total CMS Downtime	9
3. Total duration of excess emissions x (100) / [Total source operating time]	0.0 %[2]	3. [Total CMS Downtime] x (100) / [Total source operating time]	0.22 %[2]

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls. **No changes to the CMS, process or controls have occurred since last reporting period.**

EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE SUMMARY REPORT

Pollutant (Circle One): SO_2 **(NO_X)** TRS H_2S CO Opacity

Reporting period dates: From **January 01, 2017** to **June 30, 2017**

Company: **Monroe Energy, LLC**

Emission Limitation: **0.2 lb NO_X/MMBtu (30-day rolling average)**

Address: **4101 Post Rd, Trainer PA 19061**

Monitor Manufacturer: **NO_X – Thermo Electron, O_2 – Servomex**

Model No.: **NO_X – 42iHL, O_2 – 4900**

Date of Latest CMS Certification or Audit: **06/01/2017 (NO_X and O_2 Linearity Test)**

Process Unit(s) Description: **No. 14 Boiler**

Total source operating time in reporting period [1]: **4201.4 hours**

Emission data summary [1]		CMS performance summary [1]	
1. Duration of excess emissions in the reporting period due to:		1. CMS downtime in the reporting period due to:	
k. Startup/shutdown	**0**	a. Monitor equipment malfunctions	**181**
l. Control equipment problems	**0**	b. Non-Monitor equipment malfunctions	**0**
m. Process problems	**0**	c. Quality assurance calibration	**0**
n. Other known causes	**0**	d. Other known causes	**0**
o. Unknown causes	**0**	e. Unknown causes	**0**
2. Total duration of excess emissions	**0**	2. Total CMS Downtime	**181**
3. Total duration of excess emissions x (100) / [Total source operating time]	**0.0** %[2]	3. [Total CMS Downtime] x (100) / [Total source operating time]	**4.31** %[2]

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls. **No changes to the CMS, process or controls have occurred since last reporting period.**

Attachment 4

F-Factor Data for Boilers 9, 10 and 14

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: January 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01/01/17	8,529.900	8,525.300	8,525.300	8,529.400	8,527.500	8,528.500	8,520.800	8,527.700	8,538.300	8,531.300	8,532.400	8,531.100	8,535.200	8,524.500	8,531.000	8,534.600	8,536.300	8,537.900	8,536.900	8,524.600	8,525.400	8,531.200	8,530.000	8,520.900
01/02/17	8,531.400	8,519.400	8,519.800	8,520.900	8,497.600	8,469.200	8,500.000	8,512.600	8,494.200	8,518.400	8,520.600	8,519.600	8,522.100	8,532.700	8,533.700	8,536.800	8,538.600	8,538.100	8,536.700	8,532.000	8,544.900	8,547.100	8,548.100	8,547.200
01/03/17	8,551.000	8,549.900	8,549.900	8,549.800	8,549.200	8,547.300	8,546.100	8,539.400	8,541.900	8,540.500	8,542.300	8,545.100	8,550.600	8,551.900	8,533.600	8,523.700	8,533.100	8,534.800	8,530.100	8,536.300	8,536.300	8,542.300	8,543.200	8,541.000
01/04/17	8,544.300	8,549.300	8,548.000	8,547.500	8,555.400	8,552.400	8,550.800	8,549.400	8,553.800	8,559.700	8,552.100	8,553.300	8,558.400	8,542.900	8,543.300	8,539.300	8,555.900	8,555.100	8,549.300	8,550.400	8,537.100	8,529.800	8,487.600	8,484.200
01/05/17	8,490.600	8,421.100	8,440.400	8,451.200	8,440.300	8,460.000	8,431.100	8,429.100	8,455.000	8,495.900	8,532.900	8,550.600	8,556.600	8,565.000	8,546.900	8,549.900	8,546.200	8,538.200	8,505.800	8,499.300	8,513.400	8,437.900	8,441.300	8,457.300
01/06/17	8,449.300	8,465.100	8,467.600	8,465.900	8,456.000	8,448.200	8,436.400	8,452.400	8,430.000	8,479.100	8,524.100	8,528.300	8,547.500	8,551.200	8,566.100	8,541.200	8,498.900	8,525.400	8,489.500	8,503.100	8,494.600	8,499.800	8,479.700	8,455.400
01/07/17	8,461.800	8,527.200	8,494.800	8,473.000	8,491.900	8,517.800	8,504.600	8,498.700	8,524.400	8,469.000	8,499.100	8,484.500	8,393.800	8,389.000	8,334.100	8,377.400	8,363.800	8,370.700	8,382.700	8,382.200	8,412.500	8,432.300	8,381.000	8,405.400
01/08/17	8,441.900	8,390.500	8,386.800	8,391.700	8,391.500	8,382.600	8,395.900	8,399.500	8,411.100	8,416.500	8,485.100	8,496.900	8,509.400	8,526.000	8,522.600	8,523.600	8,507.900	8,463.100	8,428.200	8,482.600	8,468.300	8,408.500	8,419.800	8,385.500
01/09/17	8,379.600	8,371.800	8,367.200	8,363.000	8,353.300	8,343.300	8,369.800	8,389.000	8,397.600	8,469.500	8,482.400	8,511.300	8,525.000	8,519.400	8,510.800	8,515.400	8,508.800	8,490.600	8,452.100	8,425.900	8,385.800	8,378.200	8,390.800	8,380.700
01/10/17	8,397.800	8,364.100	8,381.600	8,337.100	8,339.600	8,352.300	8,408.300	8,417.500	8,430.100	8,466.700	8,481.900	8,508.500	8,513.600	8,517.800	8,513.600	8,532.900	8,493.900	8,505.700	8,514.400	8,531.100	8,541.000	8,538.500	8,535.800	8,535.000
01/11/17	8,523.900	8,527.700	8,519.400	8,528.400	8,531.400	8,527.900	8,518.800	8,511.400	8,498.500	8,493.000	8,498.000	8,501.700	8,501.500	8,499.200	8,488.300	8,515.000	8,527.600	8,523.300	8,530.700	8,531.600	8,528.600	8,524.900	8,525.200	8,527.800
01/12/17	8,521.300	8,520.300	8,522.500	8,522.400	8,508.100	8,498.700	8,497.700	8,512.900	8,502.600	8,499.800	8,500.500	8,486.800	8,470.300	8,471.600	8,458.500	8,457.300	8,476.900	8,482.200	8,505.100	8,507.100	8,505.600	8,519.000	8,516.800	8,525.200
01/13/17	8,524.900	8,528.100	8,526.500	8,517.400	8,514.600	8,520.000	8,522.300	8,526.400	8,528.600	8,526.800	8,526.300	8,525.700	8,520.900	8,506.400	8,511.300	8,502.300	8,504.400	8,503.900	8,508.400	8,505.600	8,512.600	8,515.700	8,516.200	8,513.500
01/14/17	8,505.700	8,491.000	8,495.400	8,493.900	8,476.200	8,490.500	8,483.600	8,484.400	8,482.500	8,491.500	8,494.700	8,494.800	8,494.400	8,495.400	8,496.800	8,505.600	8,507.200	8,504.700	8,505.400	8,502.300	8,501.400	8,508.200	8,501.600	8,511.600
01/15/17	8,508.500	8,508.800	8,512.000	8,505.000	8,513.200	8,516.500	8,515.600	8,513.900	8,519.900	8,522.800	8,523.000	8,515.100	8,507.400	8,508.100	8,485.600	8,484.200	8,508.900	8,515.000	8,514.100	8,517.500	8,520.800	8,511.800	8,513.400	8,512.600
01/16/17	8,511.400	8,499.200	8,498.100	8,497.700	8,491.300	8,500.200	8,504.300	8,506.200	8,515.000	8,519.600	8,515.300	8,500.900	8,503.300	8,487.200	8,492.400	8,500.700	8,500.800	8,500.800	8,499.800	8,499.900	8,494.400	8,493.900	8,495.900	8,500.700
01/17/17	8,501.200	8,495.100	8,498.500	8,510.800	8,516.000	8,512.800	8,514.500	8,513.900	8,509.600	8,495.100	8,495.300	8,502.700	8,477.600	8,480.700	8,486.000	8,476.900	8,491.700	8,487.800	8,491.400	8,483.900	8,486.500	8,493.500	8,502.800	8,497.600
01/18/17	8,503.400	8,510.100	8,517.400	8,518.200	8,517.800	8,520.800	8,521.200	8,521.600	8,516.500	8,517.300	8,497.400	8,490.100	8,483.100	8,476.900	8,467.200	8,477.900	8,502.400	8,502.600	8,507.600	8,500.800	8,501.700	8,493.600	8,499.400	8,501.500
01/19/17	8,498.800	8,489.400	8,502.500	8,495.800	8,493.100	8,492.300	8,488.800	8,493.200	8,494.100	8,479.800	8,462.700	8,451.800	8,443.600	8,434.200	8,452.400	8,463.500	8,451.000	8,469.400	8,473.200	8,487.600	8,498.300	8,502.600	8,507.000	8,496.000
01/20/17	8,511.400	8,505.100	8,493.500	8,504.700	8,502.400	8,506.800	8,506.900	8,505.000	8,503.800	8,495.500	8,497.900	8,488.300	8,507.500	8,501.200	8,490.200	8,483.000	8,490.300	8,485.400	8,490.800	8,497.800	8,490.000	8,493.900	8,489.200	8,483.700
01/21/17	8,476.400	8,450.900	8,483.200	8,476.200	8,459.100	8,456.000	8,454.200	8,456.800	8,468.800	8,465.100	8,462.800	8,444.900	8,453.200	8,424.900	8,416.500	8,445.900	8,437.000	8,440.400	8,433.900	8,467.400	8,420.900	8,409.000	8,413.900	8,524.500
01/22/17	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,548.900	8,548.900	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000	8,549.000
01/23/17	8,549.000	8,549.000	8,548.900	8,624.700	8,726.900	8,721.000	8,719.900	8,722.700	8,729.800	8,719.400	8,720.100	8,724.600	8,729.400	8,726.700	8,713.300	8,715.700	8,727.700	8,721.200	8,732.900	8,727.000	8,726.300	8,725.400	8,728.100	8,732.000
01/24/17	8,730.200	8,731.300	8,737.600	8,737.000	8,736.500	8,731.100	8,722.800	8,721.300	8,720.000	8,713.900	8,705.600	8,704.500	8,704.500	8,710.200	8,705.900	8,716.500	8,720.600	8,721.800	8,719.800	8,713.100	8,697.700	8,696.400	8,691.200	8,698.100
01/25/17	8,698.100	8,700.900	8,707.800	8,708.900	8,707.800	8,714.300	8,709.800	8,705.600	8,700.800	8,696.500	8,695.500	8,493.000	8,463.100	8,458.300	8,447.900	8,441.700	8,447.600	8,484.600	8,483.500	8,487.300	8,492.000	8,490.800	8,498.300	8,494.400
01/26/17	8,491.100	8,482.200	8,487.400	8,486.900	8,482.100	8,482.300	8,499.800	8,493.900	8,490.500	8,474.600	8,474.700	8,466.100	8,444.500	8,419.300	8,456.000	8,443.100	8,496.200	8,500.500	8,496.700	8,491.600	8,484.700	8,487.300	8,491.300	8,491.200
01/27/17	8,497.400	8,494.100	8,485.600	8,488.400	8,490.300	8,489.000	8,489.400	8,495.300	8,495.600	8,496.900	8,500.000	8,496.500	8,494.300	8,496.400	8,480.700	8,489.100	8,492.200	8,494.400	8,494.000	8,496.600	8,496.000	8,498.200	8,498.900	8,491.900
01/28/17	8,492.800	8,487.700	8,482.800	8,489.300	8,493.500	8,492.200	8,492.100	8,489.400	8,488.200	8,486.600	8,479.500	8,480.100	8,490.100	8,482.800	8,480.600	8,465.400	8,461.900	8,469.900	8,470.500	8,477.100	8,488.200	8,480.000	8,479.800	8,477.800
01/29/17	8,473.600	8,482.500	8,484.300	8,481.100	8,483.000	8,483.100	8,477.800	8,493.500	8,502.300	8,491.200	8,476.200	8,476.400	8,467.600	8,461.200	8,466.100	8,472.600	8,477.600	8,488.000	8,490.200	8,485.800	8,478.400	8,474.100	8,463.000	8,488.000
01/30/17	8,474.300	8,466.800	8,471.700	8,466.100	8,483.000	8,485.800	8,479.600	8,480.500	8,481.700	8,479.000	8,489.500	8,480.600	8,480.400	8,491.300	8,503.100	8,510.700	8,512.800	8,511.100	8,505.000	8,436.600	8,400.200	8,464.000	8,422.200	8,422.200
01/31/17	8,444.600	8,446.300	8,446.200	8,437.800	8,457.100	8,454.600	8,462.800	8,471.100	8,478.400	8,486.200	8,484.200	8,464.700	8,442.300	8,464.100	8,462.400	8,453.000	8,439.500	8,452.800	8,448.900	8,452.500	8,441.400	8,446.000	8,443.400	8,460.800

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: February 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
02/01/17	8,436.700	8,438.400	8,444.400	8,431.700	8,440.400	8,445.200	8,447.600	8,435.800	8,429.800	8,399.000	8,401.200	8,394.100	8,371.200	8,389.600	8,392.400	8,392.200	8,396.900	8,408.900	8,402.600	8,401.700	8,412.000	8,417.100	8,417.200	8,417.200
02/02/17	8,417.100	8,416.700	8,403.100	8,422.600	8,434.400	8,471.500	8,471.800	8,479.500	8,483.800	8,480.200	8,464.300	8,477.300	8,490.300	8,498.600	8,477.000	8,476.800	8,459.800	8,505.600	8,515.100	8,519.000	8,519.100	8,517.100	8,517.300	8,520.400
02/03/17	8,515.000	8,506.100	8,513.800	8,498.600	8,500.700	8,504.100	8,506.800	8,491.200	8,447.800	8,490.000	8,497.300	8,493.500	8,500.300	8,494.400	8,508.900	8,499.000	8,464.700	8,447.400	8,472.200	8,474.600	8,491.300	8,483.300	8,427.400	8,445.500
02/04/17	8,434.300	8,432.600	8,399.300	8,430.500	8,391.800	8,434.700	8,409.200	8,407.500	8,419.600	8,462.900	8,480.200	8,491.900	8,489.200	8,481.500	8,476.900	8,489.000	8,484.600	8,475.200	8,442.300	8,463.600	8,464.600	8,439.700	8,460.300	8,447.100
02/05/17	8,467.200	8,450.400	8,466.700	8,437.400	8,444.300	8,420.000	8,415.700	8,434.600	8,447.000	8,441.800	8,457.200	8,471.500	8,460.000	8,455.400	8,465.500	8,466.700	8,475.800	8,470.900	8,447.500	8,438.800	8,425.600	8,429.100	8,421.600	8,423.600
02/06/17	8,426.800	8,428.700	8,421.900	8,423.500	8,417.100	8,410.100	8,406.800	8,424.200	8,432.200	8,426.600	8,428.600	8,413.200	8,422.900	8,420.000	8,436.200	8,432.200	8,426.100	8,420.400	8,439.600	8,436.200	8,424.800	8,455.000	8,462.400	8,456.000
02/07/17	8,426.500	8,468.900	8,473.200	8,377.000	8,290.400	8,333.300	8,347.100	8,290.300	8,274.600	8,454.500	8,448.800	8,440.900	8,436.100	8,422.400	8,429.200	8,419.500	8,419.200	8,391.200	8,420.600	8,436.600	8,435.500	8,433.000	8,431.400	8,408.800
02/08/17	8,395.800	8,391.200	8,412.900	8,408.200	8,408.500	8,430.700	8,434.800	8,448.800	8,460.100	8,434.000	8,398.100	8,416.800	8,349.400	8,328.800	8,364.400	8,392.500	8,410.300	8,428.100	8,437.600	8,441.000	8,432.200	8,430.100	8,436.300	8,441.400
02/09/17	8,436.900	8,429.700	8,413.300	8,421.700	8,427.400	8,434.800	8,412.400	8,379.500	8,345.100	8,373.600	8,440.500	8,431.000	8,429.200	8,381.200	8,430.500	8,471.500	8,453.500	8,331.900	8,360.500	8,381.500	8,355.600	8,364.700	8,357.400	8,282.400
02/10/17	8,309.200	8,416.800	8,386.100	8,358.700	8,317.700	8,309.600	8,304.600	8,389.700	8,441.600	8,485.900	8,486.600	8,487.000	8,476.900	8,478.300	8,475.800	8,475.800	8,477.700	8,482.600	8,480.000	8,474.800	8,482.200	8,485.100	8,484.700	8,481.700
02/11/17	8,477.800	8,483.000	8,487.700	8,489.000	8,494.100	8,496.000	8,495.600	8,491.300	8,488.900	8,478.900	8,479.900	8,470.000	8,449.300	8,408.000	8,368.700	8,358.400	8,412.300	8,449.800	8,463.300	8,456.400	8,480.500	8,479.700	8,471.900	8,479.700
02/12/17	8,479.000	8,481.000	8,480.000	8,479.200	8,480.000	8,486.100	8,484.700	8,492.800	8,497.500	8,494.700	8,480.300	8,476.600	8,454.300	8,450.100	8,468.800	8,478.700	8,477.300	8,473.600	8,476.000	8,475.200	8,479.100	8,476.000	8,486.900	8,491.400
02/13/17	8,488.100	8,494.100	8,494.600	8,492.100	8,493.100	8,469.000	8,466.700	8,464.200	8,478.000	8,483.900	8,494.100	8,484.400	8,481.600	8,479.800	8,487.900	8,486.800	8,488.900	8,485.400	8,484.200	8,488.700	8,486.500	8,477.900	8,470.100	8,464.100
02/14/17	8,442.300	8,434.700	8,412.900	8,416.800	8,380.200	8,401.800	8,440.000	8,454.000	8,486.600	8,483.500	8,475.400	8,487.100	8,492.500	8,496.900	8,480.100	8,493.300	8,487.400	8,484.100	8,474.100	8,481.000	8,481.800	8,484.700	8,489.700	8,494.900
02/15/17	8,491.500	8,496.200	8,496.300	8,495.900	8,495.000	8,495.900	8,497.300	8,494.000	8,504.700	8,509.600	8,504.300	8,492.200	8,473.700	8,449.800	8,482.300	8,503.100	8,498.000	8,495.700	8,483.200	8,483.100	8,481.100	8,471.900	8,479.700	8,476.900
02/16/17	8,474.700	8,478.200	8,474.700	8,479.200	8,474.100	8,474.700	8,469.700	8,464.500	8,480.700	8,498.600	8,501.500	8,501.700	8,504.800	8,502.100	8,497.400	8,492.600	8,479.100	8,468.400	8,432.600	8,461.600	8,409.100	8,406.900	8,426.600	8,368.100
02/17/17	8,370.300	8,345.200	8,320.400	8,333.300	8,290.400	8,318.200	8,324.300	8,366.700	8,351.200	8,393.700	8,466.000	8,480.800	8,484.500	8,482.500	8,492.300	8,469.300	8,473.400	8,481.900	8,456.100	8,462.400	8,473.400	8,478.800	8,449.200	8,422.400
02/18/17	8,430.300	8,392.400	8,400.600	8,404.300	8,378.100	8,364.900	8,340.800	8,399.400	8,463.300	8,486.400	8,485.800	8,473.800	8,466.000	8,453.100	8,403.100	8,349.700	8,391.000	8,454.400	8,476.500	8,478.800	8,478.600	8,475.100	8,468.800	8,468.200
02/19/17	8,471.800	8,472.800	8,455.700	8,461.700	8,460.900	8,465.000	8,460.500	8,443.100	8,445.800	8,429.100	8,416.900	8,385.600	8,343.000	8,395.400	8,360.400	8,351.000	8,356.000	8,405.500	8,406.200	8,415.300	8,428.800	8,436.300	8,439.200	8,442.500
02/20/17	8,444.100	8,445.800	8,443.600	8,440.000	8,443.100	8,442.400	8,419.300	8,431.400	8,444.700	8,444.300	8,446.500	8,441.600	8,417.100	8,442.700	8,430.300	8,404.600	8,428.800	8,448.800	8,452.300	8,456.500	8,452.900	8,445.600	8,439.700	8,441.400
02/21/17	8,432.300	8,409.000	8,411.200	8,402.100	8,370.200	8,420.300	8,389.100	8,402.800	8,445.500	8,456.100	8,469.000	8,469.000	8,472.500	8,463.900	8,467.100	8,481.200	8,495.100	8,513.500	8,512.700	8,508.300	8,507.300	8,508.200	8,509.100	8,503.700
02/22/17	8,498.400	8,512.400	8,498.500	8,480.200	8,488.200	8,503.300	8,500.800	8,517.700	8,506.500	8,523.000	8,516.700	8,512.500	8,503.400	8,499.100	8,498.600	8,475.900	8,491.400	8,526.500	8,535.400	8,527.000	8,515.100	8,495.800	8,489.600	8,471.400
02/23/17	8,484.800	8,476.400	8,459.200	8,464.600	8,450.600	8,438.900	8,435.900	8,424.500	8,447.400	8,426.900	8,435.700	8,406.000	8,384.900	8,385.200	8,309.700	8,343.500	8,332.400	8,355.400	8,413.200	8,423.400	8,426.100	8,409.600	8,441.700	8,446.100
02/24/17	8,453.000	8,455.300	8,462.600	8,453.300	8,454.100	8,466.400	8,462.500	8,461.100	8,424.900	8,378.400	8,299.000	8,272.800	8,304.500	8,308.400	8,300.000	8,308.800	8,297.200	8,329.500	8,375.000	8,372.800	8,389.300	8,387.700	8,398.200	8,394.700
02/25/17	8,386.600	8,380.400	8,383.500	8,394.000	8,369.800	8,413.300	8,388.200	8,383.500	8,345.200	8,296.700	8,290.200	8,283.200	8,285.800	8,305.000	8,298.400	8,291.000	8,305.000	8,441.200	8,431.900	8,404.200	8,414.100	8,396.200	8,417.900	8,437.600
02/26/17	8,451.000	8,456.000	8,466.800	8,468.500	8,468.400	8,468.900	8,480.500	8,476.100	8,478.700	8,478.700	8,478.700	8,478.800	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700
02/27/17	8,478.700	8,478.700	8,478.700	8,478.800	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,478.700	8,312.100	8,261.300	8,331.500	8,426.400	8,526.200	8,534.700	8,635.000	8,648.500	8,601.900	8,578.900	8,593.600	8,596.900	8,575.000	8,587.600
02/28/17	8,601.300	8,598.800	8,597.400	8,595.200	8,594.800	8,607.300	8,619.200	8,624.400	8,567.900	8,479.400	8,423.300	8,492.700	8,552.800	8,591.000	8,590.700	8,570.900	8,520.200	8,474.100	8,429.300	8,419.600	8,403.700	8,396.100	8,411.400	8,411.500

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: March 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
03/01/17	8,408.800	8,436.500	8,430.600	8,442.200	8,448.900	8,446.100	8,431.700	8,448.300	8,463.700	8,464.600	8,478.900	8,543.400	8,553.500	8,544.900	8,550.600	8,481.100	8,508.300	8,524.700	8,489.900	8,493.200	8,457.000	8,455.500	8,441.400	8,440.100
03/02/17	8,445.900	8,441.300	8,443.600	8,517.200	8,578.600	8,594.900	8,601.800	8,597.500	8,601.800	8,587.900	8,585.500	8,565.300	8,534.500	8,507.100	8,491.800	8,449.900	8,499.700	8,518.600	8,631.200	8,647.800	8,655.000	8,676.600	8,690.300	8,698.600
03/03/17	8,711.700	8,725.800	8,715.500	8,744.200	8,742.200	8,747.800	8,747.800	8,747.900	8,711.000	8,613.200	8,599.400	8,590.300	8,563.800	8,603.900	8,634.400	8,634.500	8,634.400	8,634.500	8,634.400	8,634.400	8,634.500	8,634.500	8,634.500	8,634.400
03/04/17	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.400	8,634.400	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.400	8,634.500	8,634.500	8,634.500	8,634.400	8,634.500	8,634.500
03/05/17	8,634.500	8,634.500	8,634.400	8,634.500	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.500	8,634.500	8,634.500	8,634.500	8,634.400	8,634.500	8,634.500	8,634.400	8,634.400	8,634.500	8,634.500	8,634.500	8,634.400
03/06/17	8,634.400	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.500	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400	8,634.400
03/07/17	8,373.600	8,368.800	8,374.800	8,378.200	8,370.900	8,356.200	8,364.500	8,366.500	8,374.600	8,374.600	8,378.500	8,374.900	8,370.200	8,371.200	8,366.600	8,373.600	8,378.000	8,372.900	8,368.700	8,360.700	8,358.800	8,351.800	8,369.200	8,366.100
03/08/17	8,368.000	8,352.500	8,356.200	8,352.300	8,367.600	8,353.400	8,342.200	8,350.600	8,379.500	8,372.600	8,378.700	8,382.900	8,378.700	8,378.200	8,376.600	8,382.800	8,389.400	8,374.200	8,369.200	8,374.600	8,372.100	8,375.500	8,367.100	8,362.000
03/09/17	8,353.000	8,339.500	8,338.000	8,329.900	8,333.800	8,325.800	8,318.600	8,289.300	8,285.600	8,281.100	8,299.800	8,296.400	8,306.900	8,314.400	8,320.400	8,349.400	8,317.100	8,312.800	8,255.600	8,269.300	8,278.100	8,273.200	8,246.800	8,256.700
03/10/17	8,272.700	8,267.400	8,292.700	8,250.100	8,275.100	8,225.800	8,174.200	8,251.200	8,265.800	8,286.700	8,322.000	8,316.300	8,335.600	8,348.400	8,316.800	8,366.600	8,306.600	8,301.600	8,237.100	8,207.200	8,241.300	8,209.900	8,234.700	8,236.000
03/11/17	8,200.300	8,242.600	8,171.200	8,226.400	8,225.600	8,225.800	8,202.200	8,199.900	8,286.800	8,296.500	8,324.200	8,299.400	8,331.200	8,310.500	8,318.900	8,324.600	8,311.200	8,326.100	8,298.400	8,211.800	8,243.600	8,208.400	8,226.900	8,257.000
03/12/17	8,234.100	8,262.700	8,236.900	8,227.600	8,225.500	8,206.100	8,176.600	8,178.600	8,316.300	8,292.100	8,336.600	8,369.400	8,364.400	8,321.900	8,376.000	8,357.600	8,321.900	8,174.300	8,227.300	8,126.300	8,123.900	8,166.600	8,144.500	8,129.100
03/13/17	8,179.800	8,169.300	8,151.400	8,198.900	8,197.400	8,196.900	8,188.900	8,212.200	8,217.400	8,225.400	8,239.300	8,267.300	8,268.400	8,289.600	8,279.800	8,279.700	8,263.100	8,238.100	8,249.600	8,219.900	8,220.000	8,232.300	8,251.300	8,213.100
03/14/17	8,224.600	8,224.800	8,192.100	8,238.800	8,219.700	8,183.300	8,198.900	8,196.300	8,284.500	8,343.700	8,334.100	8,377.900	8,381.900	8,385.300	8,322.500	8,314.600	8,336.900	8,314.100	8,314.400	8,314.300	8,310.100	8,322.900	8,287.700	8,286.100
03/15/17	8,310.800	8,310.600	8,312.300	8,304.200	8,290.800	8,297.200	8,303.300	8,303.700	8,319.900	8,371.600	8,376.400	8,388.200	8,370.100	8,355.400	8,353.200	8,387.900	8,356.600	8,329.100	8,318.600	8,306.400	8,289.000	8,276.400	8,299.100	8,289.300
03/16/17	8,281.100	8,293.200	8,296.200	8,311.300	8,292.700	8,269.800	8,251.700	8,296.400	8,327.400	8,365.500	8,388.900	8,363.400	8,349.400	8,350.800	8,370.200	8,389.100	8,376.100	8,356.400	8,347.300	8,353.000	8,355.400	8,354.600	8,330.800	8,329.200
03/17/17	8,335.000	8,330.800	8,323.800	8,331.900	8,343.800	8,341.200	8,346.800	8,357.300	8,383.100	8,385.900	8,393.800	8,395.100	8,378.600	8,374.700	8,367.000	8,362.800	8,354.800	8,358.800	8,363.800	8,369.500	8,372.600	8,367.400	8,363.700	8,355.300
03/18/17	8,379.100	8,356.300	8,374.300	8,374.400	8,367.600	8,323.600	8,335.000	8,344.300	8,370.800	8,393.800	8,402.700	8,393.500	8,395.000	8,399.100	8,386.400	8,387.100	8,379.700	8,391.100	8,372.700	8,370.800	8,365.000	8,355.500	8,349.100	8,367.600
03/19/17	8,353.500	8,357.000	8,355.600	8,341.600	8,353.400	8,336.700	8,335.700	8,363.100	8,381.500	8,389.800	8,366.100	8,357.700	8,367.900	8,373.000	8,368.400	8,377.300	8,377.000	8,381.500	8,360.900	8,375.800	8,361.500	8,373.600	8,377.100	8,368.000
03/20/17	8,354.900	8,347.400	8,360.700	8,357.300	8,357.100	8,357.700	8,360.300	8,364.200	8,370.600	8,385.300	8,395.300	8,424.900	8,356.600	8,372.200	8,381.700	8,363.500	8,356.100	8,370.000	8,374.400	8,396.100	8,382.000	8,385.400	8,384.700	8,387.800
03/21/17	8,388.900	8,373.300	8,389.100	8,383.300	8,384.100	8,393.800	8,393.300	8,417.600	8,418.300	8,413.500	8,410.800	8,402.200	8,433.200	8,417.000	8,430.300	8,421.700	8,420.900	8,413.600	8,385.700	8,386.500	8,366.500	8,358.900	8,345.900	8,338.100
03/22/17	8,358.500	8,337.200	8,342.500	8,342.300	8,331.600	8,358.800	8,324.600	8,348.700	8,361.400	8,390.800	8,375.400	8,384.500	8,399.900	8,407.000	8,399.400	8,405.800	8,399.700	8,396.800	8,379.600	8,368.700	8,363.200	8,362.600	8,363.900	8,364.400
03/23/17	8,371.500	8,376.900	8,358.100	8,360.800	8,345.600	8,369.000	8,369.600	8,388.200	8,406.700	8,409.900	8,413.400	8,409.000	8,414.500	8,408.400	8,395.100	8,408.400	8,407.700	8,403.900	8,394.600	8,380.500	8,388.400	8,381.700	8,399.000	8,398.500
03/24/17	8,393.600	8,392.800	8,400.100	8,397.700	8,400.300	8,397.800	8,395.300	8,403.100	8,396.600	8,390.900	8,377.100	8,357.200	8,347.200	8,332.200	8,357.300	8,378.400	8,391.200	8,395.000	8,395.000	8,399.300	8,401.100	8,394.600	8,400.800	8,377.400
03/25/17	8,375.700	8,375.700	8,373.500	8,376.200	8,368.000	8,377.500	8,362.400	8,375.300	8,388.700	8,382.600	8,396.800	8,385.900	8,389.500	8,394.700	8,395.300	8,399.100	8,404.600	8,387.700	8,384.900	8,385.900	8,389.600	8,362.300	8,376.900	8,374.500
03/26/17	8,369.100	8,379.800	8,371.600	8,376.300	8,376.200	8,379.200	8,377.400	8,384.400	8,382.100	8,371.700	8,375.600	8,383.800	8,370.000	8,372.800	8,375.100	8,359.300	8,354.200	8,363.300	8,371.100	8,380.000	8,377.000	8,374.500	8,379.200	8,378.300
03/27/17	8,377.300	8,378.300	8,373.800	8,370.700	8,386.300	8,379.800	8,379.500	8,376.500	8,382.700	8,377.500	8,383.000	8,384.900	8,381.500	8,371.700	8,375.300	8,371.800	8,378.300	8,380.600	8,378.000	8,382.500	8,373.700	8,381.800	8,384.600	8,381.500
03/28/17	8,378.900	8,389.800	8,383.900	8,386.500	8,389.700	8,397.200	8,394.400	8,402.700	8,404.400	8,409.300	8,399.400	8,406.200	8,390.300	8,396.500	8,398.000	8,375.400	8,382.200	8,384.500	8,388.100	8,387.800	8,389.800	8,403.000	8,390.100	8,393.300
03/29/17	8,381.000	8,380.500	8,379.000	8,380.300	8,389.000	8,371.700	8,383.400	8,380.400	8,399.400	8,400.700	8,382.800	8,404.000	8,391.200	8,391.900	8,398.800	8,394.800	8,391.500	8,397.500	8,394.300	8,394.000	8,390.300	8,392.700	8,383.700	8,387.900
03/30/17	8,363.500	8,380.300	8,367.100	8,375.300	8,364.500	8,346.100	8,365.000	8,369.400	8,363.500	8,369.500	8,369.800	8,348.700	8,364.800	8,381.100	8,381.600	8,366.100	8,361.600	8,376.300	8,371.900	8,373.800	8,362.500	8,370.500	8,375.400	8,368.900
03/31/17																								

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: April 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
04/01/17	8,364.500	8,359.700	8,348.700	8,344.600	8,329.500	8,315.600	8,265.100	8,240.900	8,261.600	8,241.600	8,256.500	8,276.200	8,270.500	8,258.600	8,276.800	8,305.800	8,301.600	8,311.600	8,305.800	8,314.900	8,316.900	8,310.900	8,304.400	8,308.500
04/02/17	8,300.700	8,282.300	8,286.600	8,272.400	8,279.200	8,270.600	8,275.200	8,287.100	8,288.800	8,283.500	8,267.300	8,238.700	8,250.600	8,232.700	8,221.900	8,224.400	8,261.200	8,243.300	8,270.900	8,273.400	8,277.700	8,290.400	8,286.400	8,273.400
04/03/17	8,271.500	8,274.800	8,271.600	8,271.800	8,272.300	8,269.600	8,279.500	8,271.200	8,272.600	8,260.500	8,233.700	8,223.400	8,224.800	8,202.600	8,228.900	8,218.300	8,257.800	8,250.200	8,249.400	8,267.100	8,252.700	8,257.300	8,261.900	8,285.700
04/04/17	8,259.800	8,246.900	8,248.600	8,255.300	8,257.800	8,278.200	8,261.500	8,269.200	8,251.300	8,239.900	8,249.700	8,209.000	8,214.400	8,237.000	8,231.500	8,207.300	8,194.100	8,188.000	8,242.500	8,262.700	8,260.800	8,265.400	8,273.600	8,261.600
04/05/17	8,267.500	8,262.300	8,260.900	8,276.600	8,287.400	8,297.300	8,295.800	8,291.100	8,286.500	8,259.800	8,234.300	8,223.200	8,186.900	8,209.000	8,205.200	8,202.600	8,239.700	8,273.300	8,290.700	8,290.100	8,305.100	8,297.300	8,304.700	8,303.500
04/06/17	8,304.400	8,301.900	8,297.900	8,301.300	8,286.000	8,284.900	8,294.100	8,289.000	8,289.300	8,293.100	8,296.800	8,312.800	8,314.800	8,329.200	8,321.800	8,295.400	8,286.000	8,288.300	8,310.500	8,321.800	8,323.600	8,317.900	8,301.800	8,343.700
04/07/17	8,346.000	8,339.400	8,355.200	8,341.200	8,339.500	8,345.900	8,345.900	8,325.800	8,343.900	8,355.900	8,347.700	8,346.000	8,332.800	8,321.700	8,329.100	8,350.400	8,355.400	8,346.300	8,336.400	8,330.500	8,316.300	8,309.300	8,310.900	8,324.900
04/08/17	8,308.200	8,323.300	8,321.500	8,314.200	8,319.400	8,308.600	8,312.400	8,351.800	8,349.600	8,346.700	8,347.300	8,341.800	8,321.500	8,315.100	8,316.700	8,333.900	8,337.200	8,347.100	8,359.100	8,365.600	8,359.700	8,367.900	8,364.200	8,352.900
04/09/17	8,347.900	8,346.800	8,332.500	8,327.000	8,320.800	8,310.300	8,326.800	8,345.000	8,331.300	8,325.500	8,341.300	8,323.400	8,290.200	8,296.900	8,310.800	8,287.600	8,326.400	8,334.800	8,360.800	8,367.100	8,358.500	8,353.700	8,357.800	8,358.900
04/10/17	8,368.800	8,364.200	8,341.100	8,330.000	8,327.800	8,338.500	8,330.200	8,358.600	8,331.900	8,332.500	8,321.300	8,290.600	8,268.900	8,297.300	8,343.000	8,308.900	8,337.500	8,311.900	8,350.400	8,335.600	8,361.600	8,358.400	8,355.800	8,360.600
04/11/17	8,349.500	8,342.900	8,351.300	8,352.100	8,345.900	8,326.600	8,328.200	8,337.800	8,351.700	8,300.000	8,266.000	8,231.900	8,182.600	8,182.600	8,182.600	8,182.600	8,287.000	8,291.200	8,232.700	8,311.400	8,314.500	8,332.200	8,341.600	8,328.400
04/12/17	8,328.200	8,317.800	8,289.400	8,178.000	8,176.400	8,176.400	8,173.200	8,236.900	8,268.700	8,262.500	8,280.200	8,269.400	8,275.600	8,291.200	8,291.800	8,322.800	8,320.500	8,348.300	8,322.400	8,319.000	8,314.300	8,330.300	8,337.500	8,354.200
04/13/17	8,360.100	8,362.700	8,365.000	8,337.900	8,252.300	8,286.400	8,312.300	8,359.700	8,378.700	8,364.400	8,357.800	8,364.600	8,356.600	8,384.700	8,392.500	8,403.700	8,413.100	8,401.300	8,415.100	8,407.400	8,427.600	8,435.900	8,377.200	8,379.900
04/14/17	8,346.700	8,384.800	8,366.200	8,386.300	8,373.200	8,367.000	8,412.300	8,427.400	8,406.300	8,392.200	8,391.800	8,386.600	8,409.700	8,389.300	8,384.000	8,375.400	8,381.700	8,397.700	8,385.200	8,377.300	8,358.400	8,320.100	8,357.400	8,313.700
04/15/17	8,347.500	8,321.300	8,280.900	8,286.400	8,291.400	8,320.400	8,341.700	8,377.000	8,382.600	8,373.100	8,387.700	8,364.500	8,369.600	8,368.600	8,371.000	8,363.100	8,372.600	8,353.400	8,373.800	8,376.000	8,380.600	8,369.800	8,339.300	8,325.300
04/16/17	8,326.300	8,330.800	8,347.600	8,335.500	8,323.000	8,355.800	8,342.700	8,375.500	8,352.100	8,370.700	8,365.400	8,359.600	8,359.600	8,359.900	8,368.100	8,354.300	8,344.800	8,335.800	8,331.800	8,335.900	8,350.700	8,349.300	8,350.000	8,356.500
04/17/17	8,360.100	8,363.100	8,363.000	8,375.200	8,386.600	8,392.000	8,394.100	8,416.200	8,389.700	8,418.000	8,408.300	8,368.400	8,378.100	8,373.900	8,375.800	8,385.900	8,381.200	8,375.100	8,369.400	8,377.200	8,348.200	8,382.100	8,401.200	8,400.000
04/18/17	8,398.400	8,411.700	8,411.300	8,400.300	8,412.200	8,414.700	8,401.000	8,414.900	8,408.200	8,416.500	8,395.500	8,404.700	8,406.700	8,408.100	8,405.200	8,403.400	8,385.400	8,398.800	8,366.800	8,350.500	8,350.400	8,350.300	8,350.400	8,350.400
04/19/17	8,350.400	8,350.400	8,350.400	8,350.400	8,350.400	8,350.400	8,350.400	8,465.500	8,085.100	8,382.700	8,383.200	8,384.100	8,363.800	8,386.000	8,398.200	8,396.400	8,398.500	8,395.200	8,408.200	8,396.100	8,392.100	8,392.800	8,386.900	8,382.900
04/20/17	8,394.200	8,391.800	8,384.800	8,391.000	8,391.700	8,394.500	8,380.800	8,385.200	8,400.000	8,412.900	8,405.800	8,388.500	8,398.100	8,413.700	8,426.300	8,435.000	8,423.100	8,422.300	8,430.500	8,416.900	8,410.500	8,412.100	8,408.400	8,422.200
04/21/17	8,407.600	8,402.100	8,418.800	8,408.900	8,420.000	8,420.300	8,412.100	8,414.800	8,418.100	8,405.800	8,408.500	8,411.600	8,405.700	8,409.700	8,421.900	8,414.000	8,420.500	8,409.500	8,401.900	8,402.000	8,413.500	8,410.700	8,416.900	8,420.300
04/22/17	8,419.200	8,415.400	8,418.400	8,415.600	8,416.800	8,420.000	8,402.300	8,406.400	8,407.200	8,401.600	8,396.000	8,415.200	8,415.600	8,419.100	8,413.200	8,414.300	8,418.700	8,422.600	8,422.500	8,410.600	8,421.900	8,407.800	8,418.700	8,431.300
04/23/17	8,429.200	8,426.600	8,424.700	8,422.200	8,429.900	8,429.600	8,426.700	8,424.000	8,423.500	8,420.800	8,416.300	8,417.100	8,408.200	8,425.900	8,418.900	8,425.200	8,413.100	8,431.400	8,424.600	8,413.400	8,417.300	8,418.400	8,418.600	8,426.600
04/24/17	8,410.400	8,411.900	8,411.900	8,414.500	8,416.200	8,419.900	8,412.400	8,418.600	8,421.100	8,417.600	8,411.200	8,414.700	8,421.100	8,420.800	8,427.500	8,423.300	8,415.200	8,419.700	8,409.500	8,402.400	8,411.800	8,401.800	8,399.500	8,396.600
04/25/17	8,403.200	8,389.800	8,392.700	8,399.600	8,406.400	8,380.600	8,392.500	8,396.400	8,395.600	8,410.800	8,408.600	8,414.400	8,414.300	8,390.500	8,405.700	8,414.800	8,408.600	8,410.500	8,391.600	8,401.200	8,399.900	8,412.000	8,407.500	8,401.700
04/26/17	8,413.600	8,412.700	8,418.900	8,411.200	8,411.200	8,421.800	8,426.300	8,430.000	8,426.400	8,404.100	8,424.200	8,420.700	8,422.100	8,426.400	8,418.500	8,429.400	8,424.500	8,419.500	8,423.700	8,429.400	8,426.800	8,426.300	8,421.400	8,423.300
04/27/17	8,424.300	8,426.200	8,427.000	8,425.400	8,430.100	8,427.400	8,425.800	8,425.100	8,417.100	8,410.100	8,410.800	8,427.500	8,424.900	8,437.100	8,441.700	8,438.800	8,423.500	8,421.500	8,436.700	8,411.900	8,415.300	8,426.700	8,433.900	8,423.700
04/28/17	8,426.800	8,433.100	8,423.700	8,434.000	8,426.800	8,421.800	8,420.700	8,419.300	8,425.600	8,422.100	8,410.500	8,411.300	8,414.700	8,413.100	8,409.700	8,393.800	8,414.700	8,412.000	8,410.300	8,420.900	8,421.600	8,425.000	8,416.200	8,418.900
04/29/17	8,421.000	8,413.400	8,412.900	8,424.200	8,424.600	8,423.400	8,421.100	8,425.000	8,418.400	8,422.800	8,419.400	8,419.700	8,416.300	8,416.700	8,427.500	8,436.100	8,429.600	8,429.500	8,430.000	8,431.300	8,432.400	8,434.300	8,430.900	8,423.800
04/30/17	8,421.900	8,420.400	8,426.200	8,426.100	8,419.200	8,430.400	8,425.900	8,423.900	8,432.200	8,428.000	8,423.000	8,424.700	8,423.600	8,423.300	8,428.900	8,420.100	8,425.400	8,428.900	8,436.500	8,438.200	8,436.500	8,435.100	8,434.900	8,435.600

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: May 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
05/01/17	8,434.500	8,431.700	8,425.400	8,431.300	8,431.000	8,428.000	8,430.400	8,430.400	8,422.500	8,420.100	8,409.500	8,409.000	8,415.400	8,385.600	8,407.700	8,413.800	8,410.700	8,417.000	8,407.500	8,412.800	8,410.600	8,408.900	8,432.800	8,401.200
05/02/17	8,409.700	8,410.700	8,413.800	8,416.000	8,415.200	8,414.700	8,425.500	8,431.700	8,429.900	8,434.400	8,427.400	8,442.200	8,445.300	8,443.800	8,440.400	8,442.800	8,435.000	8,436.000	8,442.200	8,443.900	8,442.800	8,447.200	8,447.500	8,442.700
05/03/17	8,441.600	8,438.300	8,428.900	8,446.700	8,423.000	8,430.800	8,444.900	8,450.900	8,449.400	8,454.000	8,455.100	8,443.700	8,448.200	8,460.600	8,459.100	8,453.900	8,446.000	8,450.700	8,447.000	8,437.800	8,448.000	8,444.100	8,444.500	8,449.700
05/04/17	8,436.000	8,444.000	8,444.700	8,444.100	8,442.600	8,443.800	8,447.400	8,444.800	8,444.900	8,455.500	8,458.900	8,453.200	8,460.700	8,457.800	8,454.400	8,439.800	8,451.200	8,454.400	8,450.400	8,451.300	8,445.700	8,434.500	8,430.400	8,433.900
05/05/17	8,451.300	8,442.700	8,450.000	8,446.500	8,453.100	8,456.000	8,450.000	8,457.900	8,452.500	8,463.500	8,464.100	8,445.800	8,443.900	8,458.600	8,442.600	8,441.000	8,429.200	8,426.700	8,416.300	8,426.800	8,435.000	8,438.800	8,437.700	8,442.200
05/06/17	8,446.300	8,450.600	8,448.500	8,443.400	8,443.500	8,448.400	8,455.900	8,450.900	8,453.100	8,455.000	8,460.700	8,458.900	8,460.800	8,457.400	8,456.500	8,453.500	8,455.900	8,458.700	8,463.200	8,459.200	8,455.200	8,441.600	8,434.300	8,439.900
05/07/17	8,436.400	8,445.700	8,441.100	8,448.700	8,450.500	8,455.300	8,458.500	8,449.700	8,457.700	8,463.000	8,461.200	8,463.200	8,460.400	8,456.100	8,452.400	8,426.000	8,433.700	8,441.800	8,454.100	8,458.900	8,457.400	8,461.100	8,459.100	8,455.200
05/08/17	8,460.300	8,462.000	8,461.400	8,455.200	8,457.100	8,457.600	8,458.300	8,454.200	8,456.800	8,458.800	8,459.800	8,458.100	8,461.300	8,464.800	8,459.500	8,460.000	8,463.200	8,460.800	8,467.600	8,465.900	8,440.000	8,426.300	8,414.400	8,424.900
05/09/17	8,439.500	8,454.700	8,463.300	8,469.600	8,468.700	8,471.100	8,472.900	8,472.400	8,471.400	8,469.000	8,474.500	8,474.100	8,475.100	8,478.000	8,473.000	8,473.200	8,477.200	8,478.100	8,471.400	8,473.300	8,471.600	8,471.400	8,472.500	8,469.100
05/10/17	8,476.500	8,475.600	8,471.000	8,474.900	8,478.500	8,475.400	8,480.300	8,485.300	8,481.700	8,481.900	8,480.400	8,475.100	8,480.200	8,486.500	8,485.600	8,486.600	8,481.100	8,485.000	8,480.700	8,487.000	8,485.800	8,485.500	8,490.900	8,489.900
05/11/17	8,486.700	8,491.100	8,481.900	8,490.000	8,492.800	8,490.800	8,495.300	8,496.900	8,487.000	8,487.700	8,486.300	8,480.900	8,479.100	8,475.100	8,479.300	8,478.400	8,482.800	8,482.900	8,489.500	8,485.300	8,473.300	8,478.700	8,478.700	8,484.000
05/12/17	8,489.200	8,488.700	8,486.500	8,492.900	8,489.900	8,492.400	8,488.100	8,495.500	8,491.600	8,495.300	8,490.200	8,478.100	8,485.200	8,491.100	8,474.500	8,482.700	8,480.800	8,471.500	8,465.500	8,465.100	8,463.900	8,468.000	8,455.800	8,460.000
05/13/17	8,457.800	8,458.200	8,454.900	8,453.200	8,461.900	8,448.800	8,467.900	8,465.800	8,474.100	8,470.100	8,465.700	8,462.500	8,462.400	8,467.800	8,465.900	8,471.200	8,473.900	8,463.600	8,460.500	8,459.200	8,444.700	8,448.200	8,438.300	8,437.900
05/14/17	8,437.000	8,432.700	8,432.900	8,444.100	8,451.800	8,458.000	8,459.700	8,459.400	8,450.700	8,457.700	8,470.200	8,465.600	8,465.000	8,457.300	8,455.000	8,456.700	8,453.500	8,456.600	8,463.100	8,453.500	8,447.400	8,446.500	8,443.300	8,437.700
05/15/17	8,435.700	8,439.000	8,433.800	8,430.500	8,438.400	8,433.700	8,428.200	8,435.200	8,435.900	8,438.500	8,438.300	8,431.800	8,430.600	8,428.800	8,413.400	8,427.200	8,425.900	8,421.200	8,418.500	8,413.000	8,420.500	8,414.000	8,411.400	8,410.900
05/16/17	8,412.600	8,413.200	8,408.000	8,407.100	8,406.400	8,408.900	8,415.100	8,409.100	8,415.100	8,427.200	8,420.700	8,420.900	8,416.900	8,417.400	8,421.400	8,433.000	8,411.600	8,423.500	8,412.300	8,415.500	8,415.000	8,419.300	8,421.600	8,417.600
05/17/17	8,409.700	8,407.300	8,408.900	8,412.300	8,414.600	8,408.800	8,413.300	8,413.000	8,418.100	8,421.000	8,417.100	8,431.000	8,422.700	8,430.100	8,434.400	8,431.000	8,435.200	8,430.100	8,426.600	8,430.700	8,428.900	8,433.100	8,436.700	8,437.800
05/18/17	8,440.700	8,434.300	8,438.800	8,427.800	8,422.800	8,417.000	8,428.800	8,416.000	8,430.300	8,431.700	8,439.600	8,439.800	8,434.700	8,462.800	8,436.400	8,434.400	8,437.200	8,444.100	8,446.500	8,435.900	8,441.100	8,447.200	8,450.800	8,454.300
05/19/17	8,452.400	8,452.000	8,449.300	8,454.900	8,447.800	8,450.700	8,445.600	8,443.500	8,445.200	8,447.600	8,449.900	8,453.300	8,448.200	8,447.300	8,450.900	8,438.900	8,438.800	8,446.700	8,438.100	8,424.100	8,433.200	8,430.800	8,429.500	8,441.700
05/20/17	8,436.600	8,443.300	8,435.300	8,437.500	8,438.200	8,439.000	8,427.300	8,439.400	8,436.700	8,440.000	8,425.100	8,428.700	8,427.300	8,434.000	8,436.500	8,428.300	8,439.600	8,422.200	8,420.000	8,429.100	8,433.500	8,431.800	8,434.800	8,433.600
05/21/17	8,425.500	8,427.900	8,430.700	8,437.700	8,438.400	8,442.700	8,442.900	8,440.100	8,431.400	8,431.400	8,435.800	8,429.700	8,433.200	8,432.500	8,450.100	8,453.100	8,450.100	8,450.100	8,451.100	8,441.600	8,442.700	8,450.500	8,448.100	8,452.100
05/22/17	8,441.100	8,448.300	8,460.200	8,456.200	8,461.200	8,455.300	8,457.300	8,455.900	8,460.200	8,470.100	8,462.800	8,460.900	8,453.400	8,442.200	8,439.200	8,445.400	8,444.100	8,451.100	8,446.200	8,437.500	8,436.100	8,432.300	8,430.600	8,421.900
05/23/17	8,426.000	8,423.900	8,422.700	8,418.600	8,416.400	8,411.500	8,426.600	8,421.300	8,414.700	8,433.600	8,443.500	8,432.400	8,421.600	8,433.400	8,428.300	8,419.800	8,431.000	8,426.700	8,426.000	8,425.500	8,422.100	8,416.700	8,415.300	8,420.000
05/24/17	8,422.600	8,417.900	8,416.900	8,423.000	8,408.500	8,399.000	8,399.300	8,398.400	8,402.700	8,401.100	8,423.700	8,438.400	8,441.800	8,437.400	8,436.200	8,441.600	8,447.100	8,445.800	8,444.400	8,452.400	8,458.300	8,457.500	8,465.300	8,460.900
05/25/17	8,463.000	8,461.500	8,454.600	8,459.700	8,455.600	8,457.800	8,463.900	8,463.800	8,473.200	8,465.900	8,471.700	8,474.400	8,473.700	8,473.600	8,478.000	8,478.000	8,480.900	8,483.200	8,468.900	8,463.000	8,477.800	8,471.000	8,464.500	8,474.000
05/26/17	8,475.500	8,463.000	8,468.100	8,466.800	8,462.800	8,456.200	8,459.400	8,466.400	8,439.600	8,430.600	8,447.000	8,443.900	8,431.800	8,428.500	8,431.300	8,416.500	8,430.800	8,439.400	8,435.800	8,442.400	8,443.600	8,443.000	8,438.500	8,444.500
05/27/17	8,453.400	8,449.300	8,448.800	8,453.800	8,455.500	8,447.800	8,443.900	8,439.900	8,438.000	8,419.300	8,440.500	8,454.000	8,457.700	8,460.500	8,459.600	8,456.100	8,456.300	8,464.700	8,468.000	8,463.100	8,462.600	8,462.500	8,462.900	8,471.200
05/28/17	8,461.700	8,458.300	8,458.800	8,461.200	8,457.000	8,459.500	8,465.000	8,447.800	8,465.600	8,464.900	8,464.900	8,459.800	8,460.100	8,464.500	8,463.700	8,468.400	8,455.100	8,468.900	8,459.400	8,458.600	8,444.200	8,453.800	8,444.600	8,442.500
05/29/17	8,446.200	8,446.500	8,456.400	8,458.200	8,454.600	8,440.800	8,442.600	8,445.900	8,442.900	8,448.100	8,445.200	8,447.600	8,447.600	8,429.200	8,458.200	8,452.800	8,456.200	8,460.200	8,456.800	8,455.100	8,461.600	8,462.200	8,466.100	8,464.300
05/30/17	8,469.200	8,462.200	8,467.500	8,467.400	8,459.900	8,462.500	8,455.800	8,451.400	8,460.600	8,444.900	8,452.800	8,439.900	8,448.900	8,449.200	8,437.200	8,447.100	8,440.300	8,438.200	8,444.900	8,455.700	8,448.500	8,448.400	8,446.200	8,438.800
05/31/17	8,447.000	8,447.000	8,445.000	8,451.400	8,452.100	8,469.900	8,464.200	8,442.800	8,462.800	8,466.700	8,463.200	8,456.800	8,456.900	8,456.100	8,440.300	8,445.700	8,450.200	8,440.600	8,433.200	8,460.000	8,445.700	8,444.400	8,446.900	8,434.400

Month at a Glance

Plant: TRAN
Source: BOILER9, BOILER10 AND BOILER14
Parameter: NFFACT
Report Month: June 2017 Time Online Criteria: 1

	NFFACT																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
06/01/17	8,437.800	8,439.100	8,431.800	8,448.700	8,445.400	8,424.200	8,435.700	8,428.600	8,425.500	8,424.100	8,422.100	8,440.500	8,449.700	8,438.100	8,435.600	8,436.700	8,437.500	8,441.700	8,423.100	8,419.600	8,417.000	8,433.900	8,434.800	8,435.000
06/02/17	8,433.600	8,432.500	8,420.800	8,430.000	8,423.500	8,416.300	8,408.900	8,408.800	8,405.300	8,428.300	8,389.000	8,390.500	8,396.300	8,403.700	8,404.400	8,417.500	8,413.000	8,415.800	8,409.800	8,405.200	8,404.400	8,416.100	8,412.700	8,419.100
06/03/17	8,407.200	8,402.800	8,408.800	8,391.800	8,390.100	8,400.400	8,416.900	8,399.800	8,412.300	8,388.100	8,375.600	8,387.100	8,394.300	8,394.000	8,396.600	8,392.400	8,396.500	8,397.300	8,389.500	8,392.000	8,376.100	8,380.900	8,383.100	8,387.700
06/04/17	8,389.500	8,485.800	8,499.000	8,499.100	8,471.100	8,451.600	8,472.800	8,484.900	8,485.600	8,502.400	8,506.600	8,504.200	8,502.900	8,500.100	8,492.600	8,484.300	8,489.800	8,490.300	8,502.600	8,495.200	8,485.700	8,484.800	8,493.600	8,487.400
06/05/17	8,497.100	8,500.900	8,491.800	8,490.400	8,487.200	8,480.300	8,477.400	8,486.700	8,500.500	8,495.800	8,501.700	8,481.000	8,483.200	8,468.700	8,451.200	8,442.300	8,450.300	8,439.200	8,451.400	8,440.800	8,448.000	8,446.100	8,449.600	8,428.200
06/06/17	8,433.300	8,425.100	8,432.200	8,422.000	8,423.700	8,426.500	8,431.900	8,437.400	8,452.700	8,427.600	8,456.700	8,455.900	8,463.200	8,443.900	8,423.700	8,436.800	8,448.700	8,460.400	8,464.100	8,461.500	8,457.500	8,453.600	8,449.400	8,463.100
06/07/17	8,467.900	8,429.300	8,475.400	8,456.500	8,458.300	8,441.100	8,453.800	8,460.300	8,459.700	8,459.100	8,463.200	8,455.800	8,457.300	8,445.300	8,452.500	8,451.300	8,470.600	8,473.600	8,486.700	8,465.600	8,464.500	8,476.700	8,455.400	8,475.700
06/08/17	8,486.800	8,471.800	8,476.100	8,472.200	8,479.200	8,480.000	8,459.500	8,466.700	8,469.500	8,469.600	8,465.600	8,478.900	8,463.200	8,461.700	8,508.400	8,492.000	8,458.100	8,465.700	8,453.900	8,454.400	8,457.900	8,441.700	8,452.200	8,461.200
06/09/17	8,454.700	8,451.900	8,464.900	8,465.600	8,466.600	8,448.000	8,433.600	8,451.500	8,429.500	8,454.900	8,444.800	8,457.300	8,470.300	8,458.300	8,466.000	8,481.400	8,489.500	8,477.400	8,490.000	8,502.200	8,501.700	8,484.500	8,485.400	8,484.700
06/10/17	8,487.600	8,482.800	8,473.600	8,474.500	8,472.800	8,489.500	8,463.500	8,465.800	8,449.800	8,471.300	8,485.300	8,478.700	8,473.600	8,473.700	8,465.200	8,476.600	8,477.300	8,485.400	8,481.900	8,486.900	8,492.600	8,496.400	8,499.500	8,507.200
06/11/17	8,512.300	8,507.100	8,497.400	8,495.400	8,496.000	8,478.000	8,471.200	8,472.800	8,472.700	8,474.000	8,490.600	8,481.200	8,480.600	8,483.900	8,459.800	8,464.600	8,461.300	8,458.700	8,459.500	8,447.300	8,443.600	8,455.900	8,456.600	8,450.800
06/12/17	8,455.800	8,458.100	8,455.500	8,480.500	8,465.700	8,463.900	8,474.800	8,469.500	8,474.000	8,479.500	8,509.400	8,492.100	8,483.600	8,478.800	8,486.400	8,491.500	8,495.700	8,509.400	8,497.200	8,484.100	8,486.200	8,482.800	8,503.400	8,487.200
06/13/17	8,491.700	8,495.500	8,498.900	8,500.600	8,505.500	8,491.300	8,503.400	8,514.200	8,489.300	8,448.400	8,406.500	8,416.000	8,380.800	8,340.900	8,318.600	8,331.400	8,342.200	8,360.000	8,376.900	8,379.600	8,384.700	8,377.500	8,379.600	8,382.500
06/14/17	8,378.700	8,383.200	8,398.200	8,388.500	8,396.200	8,390.500	8,382.300	8,383.300	8,378.700	8,375.500	8,374.600	8,381.800	8,378.000	8,393.700	8,399.000	8,407.200	8,403.100	8,404.900	8,403.000	8,399.700	8,397.200	8,397.400	8,398.800	8,390.100
06/15/17	8,380.600	8,393.500	8,370.100	8,378.700	8,374.600	8,380.000	8,390.800	8,385.000	8,369.400	8,371.200	8,383.400	8,384.900	8,375.100	8,392.700	8,390.900	8,395.200	8,400.300	8,382.900	8,391.900	8,384.700	8,384.300	8,380.100	8,380.900	8,382.600
06/16/17	8,375.600	8,382.000	8,384.300	8,383.300	8,377.700	8,366.500	8,351.400	8,360.900	8,374.600	8,378.500	8,368.700	8,382.600	8,379.100	8,375.900	8,383.000	8,384.700	8,380.300	8,369.900	8,365.700	8,375.200	8,389.200	8,381.300	8,385.900	8,393.300
06/17/17	8,389.400	8,409.600	8,399.400	8,398.000	8,394.500	8,379.100	8,388.700	8,378.500	8,390.000	8,394.700	8,398.200	8,382.800	8,388.600	8,385.400	8,386.900	8,377.200	8,381.600	8,377.800	8,375.100	8,387.800	8,379.400	8,370.000	8,363.700	8,367.000
06/18/17	8,353.800	8,355.300	8,359.600	8,360.200	8,378.400	8,372.600	8,353.000	8,333.500	8,362.400	8,367.200	8,374.900	8,379.900	8,381.700	8,380.900	8,393.100	8,384.200	8,390.500	8,393.800	8,390.200	8,385.000	8,385.200	8,386.900	8,379.500	8,379.000
06/19/17	8,385.200	8,381.300	8,373.200	8,372.100	8,375.300	8,378.900	8,368.900	8,344.300	8,359.500	8,341.900	8,353.000	8,349.700	8,357.800	8,362.500	8,363.100	8,349.500	8,354.900	8,346.000	8,360.100	8,374.100	8,361.100	8,362.200	8,369.200	8,349.100
06/20/17	8,368.500	8,370.900	8,362.100	8,367.200	8,369.700	8,358.400	8,366.200	8,368.700	8,365.100	8,377.500	8,378.400	8,368.300	8,370.400	8,358.100	8,368.900	8,369.700	8,361.200	8,376.900	8,365.900	8,363.400	8,377.800	8,375.100	8,370.100	8,373.200
06/21/17	8,371.400	8,370.600	8,369.400	8,371.000	8,369.000	8,355.500	8,375.800	8,370.600	8,369.400	8,323.800	8,341.900	8,318.000	8,303.100	8,340.100	8,337.500	8,331.700	8,352.900	8,317.500	8,304.300	8,286.100	8,283.100	8,327.900	8,326.900	8,323.000
06/22/17	8,349.500	8,335.800	8,336.400	8,328.500	8,333.500	8,342.900	8,343.200	8,340.600	8,338.200	8,342.400	8,324.700	8,320.000	8,327.300	8,331.600	8,334.700	8,329.200	8,342.900	8,321.300	8,328.700	8,347.100	8,325.300	8,298.000	8,327.000	8,343.900
06/23/17	8,334.900	8,325.200	8,339.700	8,337.600	8,341.300	8,365.500	8,350.700	8,344.600	8,345.600	8,348.400	8,337.000	8,343.300	8,317.400	8,306.800	8,329.100	8,318.800	8,309.200	8,331.000	8,329.900	8,317.800	8,318.300	8,330.700	8,332.000	8,339.200
06/24/17	8,338.900	8,300.600	8,337.600	8,333.800	8,313.700	8,370.100	8,351.300	8,276.800	8,336.200	8,327.700	8,305.600	8,322.700	8,324.500	8,330.200	8,297.400	8,334.800	8,339.800	8,334.100	8,340.900	8,339.700	8,336.400	8,342.300	8,340.200	8,334.800
06/25/17	8,356.000	8,349.100	8,359.100	8,361.700	8,354.800	8,353.800	8,343.600	8,349.100	8,370.200	8,361.600	8,354.000	8,362.800	8,350.600	8,340.800	8,324.300	8,317.900	8,313.300	8,305.300	8,308.500	8,313.900	8,301.100	8,309.400	8,307.100	8,314.000
06/26/17	8,296.100	8,311.600	8,299.800	8,287.100	8,288.000	8,310.200	8,298.500	8,310.900	8,315.700	8,315.200	8,329.200	8,338.900	8,309.000	8,315.500	8,339.800	8,341.300	8,353.000	8,341.500	8,347.000	8,349.800	8,340.600	8,352.800	8,346.500	8,343.800
06/27/17	8,355.100	8,347.900	8,356.000	8,358.600	8,353.800	8,349.500	8,354.500	8,355.400	8,361.900	8,375.500	8,374.400	8,366.000	8,364.200	8,362.900	8,360.500	8,358.700	8,357.400	8,348.600	8,354.800	8,360.300	8,362.300	8,364.400	8,374.700	8,361.100
06/28/17	8,371.400	8,371.700	8,370.100	8,358.800	8,368.700	8,369.000	8,358.600	8,363.800	8,370.100	8,358.500	8,367.500	8,366.800	8,370.500	8,356.300	8,367.500	8,359.500	8,370.200	8,365.300	8,350.100	8,373.700	8,387.700	8,392.400	8,378.300	8,377.700
06/29/17	8,373.400	8,375.400	8,355.900	8,370.000	8,365.700	8,361.900	8,373.100	8,359.200	8,385.100	8,380.700	8,373.100	8,374.300	8,379.000	8,368.200	8,351.100	8,360.300	8,342.100	8,359.100	8,351.200	8,368.800	8,354.200	8,303.500	8,364.100	8,354.300
06/30/17	8,351.400	8,358.100	8,359.800	8,374.600	8,368.900	8,362.200	8,350.400	8,357.400	8,341.300	8,352.500	8,330.800	8,335.700	8,326.900	8,339.300	8,357.700	8,363.000	8,360.400	8,351.100	8,360.900	8,354.600	8,360.000	8,366.700	8,349.100	8,371.000

Attachment 5

CEMS Drift Test and Quarterly Accuracy Assessments

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/01/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/02/2017 05:52	0.0	0.2	0.2	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/03/2017 05:52	0.0	0.1	0.1	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/04/2017 05:52	0.0	0.0	0.0	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/05/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/06/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/07/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/08/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/09/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/10/2017 05:52	0.0	0.0	0.0	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/11/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/12/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/13/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/14/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/15/2017 05:52	0.0	0.1	0.1	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/16/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/17/2017 05:52	0.0	0.2	0.2	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/18/2017 05:52	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/19/2017 05:52	0.0	0.2	0.2	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/20/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/21/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/22/2017 05:52	0.0	0.2	0.2	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/23/2017 05:52	0.0	0.1	0.1	27.9	28.3	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/24/2017 05:52	0.0	0.1	0.1	27.9	28.3	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/25/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/26/2017 05:52	0.0	0.1	0.1	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/27/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/28/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/29/2017 05:52	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/30/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
01/31/2017 05:52	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/01/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/02/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/03/2017 05:51	0.0	0.2	0.2	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/04/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/05/2017 05:51	0.0	0.2	0.2	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/06/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/07/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/08/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/09/2017 05:51	0.0	0.2	0.2	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/10/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/11/2017 05:51	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/12/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/13/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/14/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/15/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/16/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/16/2017 08:59	0.0	0.0	0.0	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/17/2017 05:51	0.0	0.0	0.0	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/18/2017 05:51	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/19/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/20/2017 05:51	0.0	0.0	0.0	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/21/2017 05:51	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/22/2017 05:51	0.0	0.0	0.0	27.9	28.3	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/23/2017 05:51	0.0	0.0	0.0	27.9	28.3	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/24/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/25/2017 05:51	0.0	0.1	0.1	27.9	28.6	0.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/26/2017 05:51	0.0	0.0	0.0	27.9	28.3	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/27/2017 05:51	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
02/28/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
03/01/2017 05:51	0.0	0.1	0.1	27.9	28.5	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
03/02/2017 05:51	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
03/03/2017 05:51	0.0	0.0	0.0	27.9	28.4	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal071180	07/15/19
03/04/2017 05:51	0.0	0.0	0.0	27.9	27.7	0.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/05/2017 05:51	0.0	0.0	0.0	27.9	27.7	0.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/06/2017 05:51	0.0	0.0	0.0	27.9	27.7	0.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/07/2017 05:51	0.0	-0.1	0.1	27.9	27.6	0.3	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/08/2017 05:51	0.0	0.0	0.0	27.7	27.7	0.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/09/2017 05:51	0.0	0.0	0.0	27.7	27.7	0.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/10/2017 05:51	0.0	0.0	0.0	27.7	27.7	0.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/11/2017 05:51	0.0	0.1	0.1	27.7	27.6	0.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/12/2017 05:51	0.0	0.1	0.1	27.7	27.7	0.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/13/2017 05:51	0.0	0.1	0.1	27.7	27.7	0.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/14/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/15/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/16/2017 05:51	0.0	0.0	0.0	27.7	27.7	0.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
03/17/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/18/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/19/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/20/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/21/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/22/2017 05:51	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/23/2017 05:51	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/24/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/24/2017 08:47	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/25/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/26/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/27/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/28/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/29/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/30/2017 05:51	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
03/31/2017 05:52	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/01/2017 05:52	0.0	0.1	0.1	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/02/2017 05:52	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/03/2017 05:52	0.0	0.0	0.0	27.7	27.3	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
04/04/2017 05:52	0.0	0.1	0.1	27.7	27.2	0.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/04/2017 10:16	0.0	0.1	0.1	27.7	28.1	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/05/2017 05:52	0.0	0.0	0.0	27.7	27.9	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/06/2017 05:52	0.0	0.0	0.0	27.7	27.7	0.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/07/2017 05:52	0.0	0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/08/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/09/2017 05:52	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/10/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/11/2017 05:51	0.0	0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/12/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/13/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/13/2017 07:50	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/14/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/15/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/16/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/17/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/18/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/19/2017 05:51	0.0	-0.1	0.1	27.7	26.4	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/19/2017 08:29	0.0	0.0	0.0	27.7	26.4	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
04/20/2017 05:51	0.0	0.0	0.0	27.7	26.5	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/21/2017 05:51	0.0	-0.1	0.1	27.7	26.7	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/22/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/23/2017 05:51	0.0	0.0	0.0	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/24/2017 05:51	0.0	0.0	0.0	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/25/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/26/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/27/2017 05:51	0.0	0.0	0.0	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/28/2017 05:51	0.0	0.0	0.0	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/28/2017 12:18	0.0	0.0	0.0	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/29/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
04/30/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/01/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/02/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/03/2017 05:51	0.0	-0.1	0.1	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/03/2017 09:25	0.0	-0.1	0.1	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/04/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/05/2017 05:51	0.0	-0.1	0.1	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/06/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/07/2017 05:51	0.0	0.0	0.0	27.7	26.9	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/08/2017 05:51	0.0	-0.1	0.1	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/09/2017 05:51	0.0	0.0	0.0	27.7	27.1	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/10/2017 05:51	0.0	-0.1	0.1	27.7	26.8	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/11/2017 05:51	0.0	-0.1	0.1	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/12/2017 05:51	0.0	0.0	0.0	27.7	27.1	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/13/2017 05:51	0.0	-0.1	0.1	27.7	27.0	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/14/2017 05:51	0.0	0.0	0.0	27.7	27.1	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/15/2017 05:51	0.0	-0.1	0.1	27.7	27.1	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	cc442656	06/27/20
05/16/2017 05:51	0.0	-0.1	0.1	27.7	27.3	0.4	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/17/2017 05:51	0.0	0.0	0.0	27.7	27.2	0.5	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/18/2017 05:51	0.0	-0.1	0.1	27.7	27.3	0.4	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/19/2017 05:51	0.0	-0.1	0.1	27.7	27.1	0.6	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/20/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/21/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/22/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/23/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/24/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/25/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/26/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/27/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/28/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/29/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
05/30/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/31/2017 05:51	0.0	-0.1	0.1	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/01/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/02/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/03/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/04/2017 05:51	0.0	-0.1	0.1	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/05/2017 05:51	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/06/2017 05:51	0.0	0.0	0.0	27.7	0.0	27.7	4.0	DIFF	Failed	Yes			cc420455	04/12/20
06/06/2017 08:25	0.0	0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/07/2017 05:51	0.0	-0.1	0.1	27.7	27.9	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/08/2017 05:51	0.0	-0.1	0.1	27.7	27.8	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/09/2017 05:51	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/10/2017 05:51	0.0	-0.1	0.1	27.7	27.8	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/11/2017 05:51	0.0	-0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/12/2017 05:51	0.0	-0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/13/2017 05:51	0.0	-0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/14/2017 05:51	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/15/2017 05:51	0.0	-0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/16/2017 05:51	0.0	-0.1	0.1	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/17/2017 05:51	0.0	-0.1	0.1	27.7	27.7	0.0	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/18/2017 05:51	0.0	0.0	0.0	27.7	27.2	0.5	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/19/2017 05:51	0.0	-0.1	0.1	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/20/2017 05:51	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/20/2017 08:07	0.0	0.0	0.0	27.7	27.6	0.1	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/21/2017 05:51	0.0	0.0	0.0	27.7	26.5	1.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/22/2017 05:51	0.0	0.0	0.0	27.7	26.5	1.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/23/2017 05:51	0.0	-0.1	0.1	27.7	25.5	2.2	4.0	DIFF	Maint Limit	Yes			cc420455	04/12/20
06/24/2017 05:51	0.0	-0.1	0.1	27.7	24.8	2.9	4.0	DIFF	Maint Limit	Yes			cc420455	04/12/20
06/25/2017 05:51	0.0	-0.1	0.1	27.7	25.3	2.4	4.0	DIFF	Maint Limit	Yes			cc420455	04/12/20
06/26/2017 05:51	0.0	0.0	0.0	27.7	25.1	2.6	4.0	DIFF	Maint Limit	Yes			cc420455	04/12/20

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
06/27/2017 05:51	0.0	0.0	0.0	27.7	24.3	3.4	4.0	DIFF	Maint Limit	Yes			cc420455	04/12/20
06/27/2017 08:06	0.0	0.0	0.0	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/28/2017 05:51	0.0	0.0	0.0	27.7	28.1	0.4	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/29/2017 05:51	0.0	0.0	0.0	27.7	27.5	0.2	4.0	DIFF	Passed	Yes			cc420455	04/12/20
06/30/2017 05:51	0.0	-0.1	0.1	27.7	27.4	0.3	4.0	DIFF	Passed	Yes			cc420455	04/12/20
O2														
01/01/2017 05:56	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/02/2017 05:56	0.0	-0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/03/2017 05:56	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/04/2017 05:56	0.0	-0.3	0.3	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/05/2017 05:56	0.0	-0.3	0.3	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/06/2017 05:56	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/07/2017 05:56	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/08/2017 05:56	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/09/2017 05:56	0.0	-0.3	0.3	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/10/2017 05:56	0.0	-0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/11/2017 05:56	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/12/2017 05:56	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/13/2017 05:56	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/14/2017 05:56	0.0	-0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/15/2017 05:56	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
01/16/2017 05:56	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/17/2017 05:56	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/18/2017 05:56	0.0	-0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/19/2017 05:56	0.0	-0.3	0.3	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/20/2017 05:56	0.0	-0.3	0.3	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm060589	03/01/24
01/21/2017 05:56	0.0	-0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/22/2017 05:56	0.0	-0.3	0.3	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/23/2017 05:56	0.0	-0.3	0.3	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/24/2017 05:56	0.0	-0.3	0.3	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
01/25/2017 05:56	0.0	-0.3	0.3	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/26/2017 05:56	0.0	-0.3	0.3	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
01/27/2017 05:56	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/28/2017 05:56	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/29/2017 05:55	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/30/2017 05:55	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
01/31/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/01/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/02/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/03/2017 05:55	0.0	-0.4	0.4	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/04/2017 05:55	0.0	-0.4	0.4	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/05/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/06/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/07/2017 05:55	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/08/2017 05:55	0.0	-0.4	0.4	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
02/09/2017 05:55	0.0	-0.4	0.4	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
02/10/2017 05:55	0.0	-0.4	0.4	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/11/2017 05:55	0.0	-0.4	0.4	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/12/2017 05:55	0.0	-0.4	0.4	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/13/2017 05:55	0.0	-0.4	0.4	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/14/2017 05:55	0.0	-0.4	0.4	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/15/2017 05:55	0.0	-0.4	0.4	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
02/16/2017 05:55	0.0	-0.4	0.4	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
02/16/2017 09:03	0.0	0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/17/2017 05:55	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/18/2017 05:55	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/19/2017 05:55	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/20/2017 05:55	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/21/2017 05:55	0.0	0.1	0.1	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/22/2017 05:55	0.0	0.0	0.0	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/23/2017 05:55	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/24/2017 05:55	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/25/2017 05:55	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/26/2017 05:55	0.0	0.0	0.0	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/27/2017 05:55	0.0	0.1	0.1	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
02/28/2017 05:55	0.0	0.0	0.0	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/01/2017 05:55	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/02/2017 05:55	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/03/2017 05:55	0.0	0.0	0.0	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/04/2017 05:55	0.0	0.0	0.0	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
03/05/2017 05:55	0.0	0.0	0.0	21.9	22.6	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
03/06/2017 05:55	0.0	0.1	0.1	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
03/07/2017 05:55	0.0	0.1	0.1	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/08/2017 05:55	0.0	0.0	0.0	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/09/2017 05:55	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/10/2017 05:55	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/11/2017 05:55	0.0	0.1	0.1	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/12/2017 05:55	0.0	0.1	0.1	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
03/13/2017 05:55	0.0	0.1	0.1	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
03/14/2017 05:55	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/15/2017 05:55	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/16/2017 05:55	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/17/2017 05:55	0.0	0.1	0.1	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/18/2017 05:55	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/19/2017 05:55	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/20/2017 05:55	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/21/2017 05:55	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/22/2017 05:55	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/23/2017 05:55	0.0	0.0	0.0	21.9	22.6	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
03/24/2017 05:55	0.0	0.1	0.1	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/24/2017 08:51	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/25/2017 05:55	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/26/2017 05:55	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/27/2017 05:55	0.0	0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/28/2017 05:55	0.0	0.1	0.1	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/29/2017 05:55	0.0	0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
03/30/2017 05:55	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
03/31/2017 05:56	0.0	0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/01/2017 05:56	0.0	0.1	0.1	21.9	21.3	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/02/2017 05:56	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/03/2017 05:56	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/04/2017 05:56	0.0	0.1	0.1	21.9	21.2	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/04/2017 10:20	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/05/2017 05:56	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/06/2017 05:56	0.0	-0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/07/2017 05:56	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/08/2017 05:55	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/09/2017 05:55	0.0	-0.1	0.1	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/10/2017 05:55	0.0	-0.1	0.1	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/11/2017 05:55	0.0	-0.1	0.1	21.9	22.5	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/12/2017 05:55	0.0	-0.1	0.1	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/13/2017 05:55	0.0	-0.1	0.1	21.9	22.6	0.7	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/13/2017 07:54	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/14/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/15/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/16/2017 05:55	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
04/17/2017 05:55	0.0	0.0	0.0	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/18/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/19/2017 05:55	0.0	1.0	1.0	21.9	22.0	0.1	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	cc273526	03/08/19
04/19/2017 08:33	0.0	0.0	0.0	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/20/2017 05:55	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/21/2017 05:55	0.0	-0.3	0.3	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/22/2017 05:55	0.0	-0.4	0.4	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/23/2017 05:55	0.0	-0.4	0.4	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/24/2017 05:55	0.0	-0.5	0.5	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/25/2017 05:55	0.0	-0.5	0.5	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	cc273526	03/08/19
04/26/2017 05:55	0.0	-0.5	0.5	21.9	21.5	0.4	1.0	DIFF	Passed	Yes			CC12430	11/22/24
04/27/2017 05:55	0.0	-0.5	0.5	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			CC12430	11/22/24
04/28/2017 05:55	0.0	-0.6	0.6	21.9	21.7	0.2	1.0	DIFF	Maint Limit	Yes			CC12430	11/22/24
04/28/2017 12:22	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
04/29/2017 05:55	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
04/30/2017 05:55	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/01/2017 05:55	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/02/2017 05:55	0.0	0.0	0.0	21.9	21.4	0.5	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/03/2017 05:55	0.0	0.6	0.6	21.9	21.6	0.3	1.0	DIFF	Maint Limit	Yes			CC12430	11/22/24
05/03/2017 09:29	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/04/2017 05:55	0.0	0.0	0.0	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/05/2017 05:55	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/06/2017 05:55	0.0	-0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/07/2017 05:55	0.0	-0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
05/08/2017 05:55	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/09/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/10/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/11/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/12/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/13/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/14/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/15/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/16/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/17/2017 05:55	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/18/2017 05:55	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/19/2017 05:55	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/20/2017 05:55	0.0	-0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/21/2017 05:55	0.0	-0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/22/2017 05:55	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/23/2017 05:55	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/24/2017 05:55	0.0	-0.3	0.3	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/25/2017 05:55	0.0	-0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/26/2017 05:55	0.0	-0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/27/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/28/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/29/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/30/2017 05:55	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
05/31/2017 05:55	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/01/2017 05:55	0.0	-0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/02/2017 05:55	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/03/2017 05:55	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/04/2017 05:55	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/05/2017 05:55	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
06/06/2017 05:55	0.0	-0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/06/2017 08:29	0.0	-0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/07/2017 05:55	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/08/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/09/2017 05:55	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/10/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/11/2017 05:55	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/12/2017 05:55	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/13/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/14/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/15/2017 05:55	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/16/2017 05:55	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/17/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/18/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/19/2017 05:55	0.0	-0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/20/2017 05:55	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/20/2017 08:11	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/21/2017 05:55	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/22/2017 05:55	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/23/2017 05:55	0.0	-0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/24/2017 05:55	0.0	-0.2	0.2	21.9	21.5	0.4	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/25/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/26/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/27/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/27/2017 08:10	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/28/2017 05:55	0.0	-0.3	0.3	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/29/2017 05:55	0.0	-0.4	0.4	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			CC12430	11/22/24
06/30/2017 05:55	0.0	-0.4	0.4	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			CC12430	11/22/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

No Quarterly Type Calibration Records Found

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/01/2017 04:55	0.0	0.0	0.0	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/02/2017 04:55	0.0	0.1	0.1	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/03/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/04/2017 04:55	0.0	-0.1	0.1	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/05/2017 04:55	0.0	0.0	0.0	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/06/2017 04:55	0.0	0.0	0.0	28.2	27.4	0.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/07/2017 04:55	0.0	-0.1	0.1	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/08/2017 04:55	0.0	0.0	0.0	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/09/2017 04:55	0.0	0.1	0.1	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/10/2017 04:55	0.0	0.0	0.0	28.2	27.3	0.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/11/2017 04:55	0.0	0.0	0.0	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/12/2017 04:55	0.0	-0.1	0.1	28.2	27.3	0.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/13/2017 04:55	0.0	0.0	0.0	28.2	27.3	0.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/14/2017 04:55	0.0	0.2	0.2	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/15/2017 04:55	0.0	0.1	0.1	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/16/2017 04:55	0.0	0.1	0.1	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/17/2017 04:55	0.0	0.1	0.1	28.2	26.6	1.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/18/2017 04:55	0.0	0.0	0.0	28.2	26.2	2.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/19/2017 04:55	0.0	0.0	0.0	28.2	26.2	2.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/20/2017 04:55	0.0	0.2	0.2	28.2	26.0	2.2	10.0	DIFF	Maint Limit	Yes	BALN NO	A12011	alm027187	10/10/19
01/21/2017 04:55	0.0	0.1	0.1	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/22/2017 04:55	0.0	0.0	0.0	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/23/2017 04:55	0.0	0.0	0.0	28.2	26.4	1.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/24/2017 04:55	0.0	0.1	0.1	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/25/2017 04:55	0.0	0.1	0.1	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/26/2017 04:55	0.0	0.1	0.1	28.2	26.4	1.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/27/2017 04:55	0.0	0.1	0.1	28.2	26.4	1.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/28/2017 04:55	0.0	0.1	0.1	28.2	26.4	1.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/29/2017 04:55	0.0	0.0	0.0	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/30/2017 04:55	0.0	0.1	0.1	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
01/31/2017 04:55	0.0	0.0	0.0	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/01/2017 04:55	0.0	0.1	0.1	28.2	27.7	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/02/2017 04:55	0.0	0.1	0.1	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/03/2017 04:55	0.0	0.0	0.0	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/04/2017 04:55	0.0	0.0	0.0	28.2	26.6	1.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/05/2017 04:55	0.0	0.0	0.0	28.2	26.3	1.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/06/2017 04:55	0.0	0.0	0.0	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/07/2017 04:55	0.0	-0.1	0.1	28.2	26.5	1.7	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/08/2017 04:55	0.0	-0.1	0.1	28.2	27.3	0.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/09/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/10/2017 04:55	0.0	-0.1	0.1	28.2	26.6	1.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/11/2017 04:55	0.0	-0.1	0.1	28.2	26.6	1.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/12/2017 04:55	0.0	0.1	0.1	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/13/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/14/2017 04:55	0.0	0.0	0.0	28.2	27.4	0.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/15/2017 04:55	0.0	0.0	0.0	28.2	26.9	1.3	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/16/2017 04:55	0.0	-0.1	0.1	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/17/2017 04:55	0.0	0.0	0.0	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/18/2017 04:55	0.0	0.0	0.0	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/19/2017 04:54	0.0	0.1	0.1	28.2	27.6	0.6	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/20/2017 04:54	0.0	0.0	0.0	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/21/2017 04:54	0.0	0.1	0.1	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/22/2017 04:54	0.0	0.1	0.1	28.2	26.9	1.3	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/23/2017 04:54	0.0	0.0	0.0	28.2	27.4	0.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/24/2017 04:54	0.0	0.0	0.0	28.2	27.4	0.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/25/2017 04:54	0.0	0.0	0.0	28.2	27.4	0.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/26/2017 04:54	0.0	0.1	0.1	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/27/2017 04:54	0.0	0.1	0.1	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
02/28/2017 04:54	0.0	0.0	0.0	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
03/01/2017 04:54	0.0	0.0	0.0	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	alm027187	10/10/19
03/02/2017 04:54	0.0	0.0	0.0	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/03/2017 04:54	0.0	0.0	0.0	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/04/2017 04:54	0.0	0.0	0.0	28.2	26.9	1.3	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/05/2017 04:54	0.0	0.1	0.1	28.2	27.0	1.2	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/06/2017 04:54	0.0	0.1	0.1	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/07/2017 04:54	0.0	0.0	0.0	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/08/2017 04:54	0.0	-0.1	0.1	28.2	27.7	0.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/09/2017 04:54	0.0	-0.1	0.1	28.2	27.8	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/10/2017 04:54	0.0	0.0	0.0	28.2	27.1	1.1	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/11/2017 04:54	0.0	0.1	0.1	28.2	26.8	1.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/12/2017 04:54	0.0	0.1	0.1	28.2	27.2	1.0	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/13/2017 04:54	0.0	0.1	0.1	28.2	27.3	0.9	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/13/2017 12:05	0.0	-0.1	0.1	28.2	27.8	0.4	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/14/2017 04:54	0.0	0.2	0.2	28.2	26.4	1.8	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/15/2017 04:54	0.0	0.1	0.1	28.2	26.7	1.5	10.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/16/2017 04:54	0.0	0.0	0.0	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
03/17/2017 04:54	0.0	0.0	0.0	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/18/2017 04:54	0.0	0.1	0.1	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/19/2017 04:54	0.0	0.1	0.1	28.2	27.8	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/20/2017 04:54	0.0	0.1	0.1	28.2	27.4	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/21/2017 04:54	0.0	-0.1	0.1	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/22/2017 04:54	0.0	0.0	0.0	28.2	27.3	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/23/2017 04:54	0.0	0.0	0.0	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/24/2017 04:54	0.0	-0.1	0.1	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/25/2017 04:54	0.0	0.0	0.0	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/26/2017 04:54	0.0	0.0	0.0	28.2	27.3	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/27/2017 04:54	0.0	-0.1	0.1	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/28/2017 04:54	0.0	-0.1	0.1	28.2	27.4	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/29/2017 04:54	0.0	0.1	0.1	28.2	25.0	3.2	4.0	DIFF	Maint Limit	Yes	BALN NO	A12011	aal069868	04/21/19
03/29/2017 07:49	0.0	-0.2	0.2	28.2	27.6	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/30/2017 04:55	0.0	0.2	0.2	28.2	23.7	4.5	4.0	DIFF	Failed	Yes	BALN NO	A12011	aal069868	04/21/19
03/30/2017 07:41	0.0	0.1	0.1	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
03/31/2017 04:56	0.0	0.0	0.0	28.2	26.3	1.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/01/2017 04:56	0.0	0.0	0.0	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/02/2017 04:56	0.0	-0.2	0.2	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
04/03/2017 04:56	0.0	-0.1	0.1	28.2	27.8	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/04/2017 04:56	0.0	-0.2	0.2	28.2	27.6	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/05/2017 04:56	0.0	-0.2	0.2	28.2	27.6	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/06/2017 04:56	0.0	0.0	0.0	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/07/2017 04:56	0.0	0.0	0.0	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/08/2017 04:56	0.0	0.1	0.1	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/09/2017 04:56	0.0	-0.1	0.1	28.2	27.7	0.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/10/2017 04:56	0.0	-0.1	0.1	28.2	27.9	0.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/11/2017 04:56	0.0	-0.2	0.2	28.2	27.8	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/12/2017 04:56	0.0	-0.1	0.1	28.2	27.6	0.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/13/2017 04:56	0.0	-0.2	0.2	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/14/2017 04:56	0.0	-0.2	0.2	28.2	27.7	0.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/15/2017 04:56	0.0	-0.1	0.1	28.2	27.8	0.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/16/2017 04:56	0.0	-0.3	0.3	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/17/2017 04:56	0.0	-0.2	0.2	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/18/2017 04:56	0.0	-0.1	0.1	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/19/2017 04:56	0.0	-0.2	0.2	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/20/2017 04:56	0.0	-0.2	0.2	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/21/2017 04:56	0.0	-0.1	0.1	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
04/22/2017 04:56	0.0	-0.1	0.1	28.2	27.4	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/23/2017 04:56	0.0	-0.1	0.1	28.2	26.7	1.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/24/2017 04:56	0.0	-0.2	0.2	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/25/2017 04:56	0.0	-0.2	0.2	28.2	27.3	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/26/2017 04:56	0.0	-0.2	0.2	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/27/2017 04:56	0.0	-0.2	0.2	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/28/2017 04:56	0.0	-0.2	0.2	28.2	27.4	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/29/2017 04:55	0.0	-0.3	0.3	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
04/30/2017 04:55	0.0	-0.1	0.1	28.2	27.4	0.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/01/2017 04:55	0.0	-0.2	0.2	28.2	27.3	0.9	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/02/2017 04:55	0.0	-0.2	0.2	28.2	27.5	0.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/03/2017 04:55	0.0	-0.1	0.1	28.2	26.6	1.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/04/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/05/2017 04:55	0.0	-0.2	0.2	28.2	26.7	1.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/06/2017 04:55	0.0	-0.2	0.2	28.2	26.7	1.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/07/2017 04:55	0.0	-0.1	0.1	28.2	26.5	1.7	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/08/2017 04:55	0.0	-0.2	0.2	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/09/2017 04:55	0.0	0.0	0.0	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/10/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/11/2017 04:55	0.0	-0.2	0.2	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/12/2017 04:55	0.0	-0.2	0.2	28.2	27.1	1.1	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/13/2017 04:55	0.0	-0.2	0.2	28.2	26.7	1.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/14/2017 04:55	0.0	-0.1	0.1	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/15/2017 04:55	0.0	-0.2	0.2	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/16/2017 04:55	0.0	-0.2	0.2	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/17/2017 04:55	0.0	-0.3	0.3	28.2	26.6	1.6	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/18/2017 04:55	0.0	-0.3	0.3	28.2	27.2	1.0	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/19/2017 04:55	0.0	-0.3	0.3	28.2	27.0	1.2	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/20/2017 04:55	0.0	-0.3	0.3	28.2	26.9	1.3	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/21/2017 04:55	0.0	-0.1	0.1	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/22/2017 04:55	0.0	-0.2	0.2	28.2	26.4	1.8	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/23/2017 04:55	0.0	-0.3	0.3	28.2	26.7	1.5	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/24/2017 04:55	0.0	-0.2	0.2	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/25/2017 04:55	0.0	-0.3	0.3	28.2	26.8	1.4	4.0	DIFF	Passed	Yes	BALN NO	A12011	aal069868	04/21/19
05/26/2017 04:55	0.0	-0.3	0.3	28.2	26.1	2.1	4.0	DIFF	Maint Limit	Yes	BALN NO	A12011	aal069868	04/21/19
05/26/2017 10:18	0.0	0.0	0.0	25.5	24.7	0.8	4.0	DIFF	Passed	Yes				
05/27/2017 04:55	0.0	0.0	0.0	25.5	24.9	0.6	4.0	DIFF	Passed	Yes			cc475796	01/19/19
05/28/2017 04:55	0.0	0.1	0.1	25.5	25.1	0.4	4.0	DIFF	Passed	Yes			cc475796	01/19/19
05/29/2017 04:55	0.0	0.0	0.0	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
05/30/2017 04:55	0.0	0.1	0.1	25.5	24.6	0.9	4.0	DIFF	Passed	Yes			cc475796	01/19/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/31/2017 04:55	0.0	0.1	0.1	25.5	24.6	0.9	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/01/2017 04:55	0.0	0.1	0.1	25.5	24.4	1.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/02/2017 04:55	0.0	0.2	0.2	25.5	24.9	0.6	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/03/2017 04:55	0.0	0.3	0.3	25.5	24.9	0.6	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/04/2017 04:55	0.0	0.2	0.2	25.5	25.1	0.4	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/05/2017 04:55	0.0	0.3	0.3	25.5	25.1	0.4	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/06/2017 04:55	0.0	0.0	0.0	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/07/2017 04:55	0.0	0.1	0.1	25.5	25.0	0.5	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/08/2017 04:55	0.0	0.0	0.0	25.5	25.4	0.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/09/2017 04:55	0.0	0.0	0.0	25.5	24.9	0.6	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/10/2017 04:55	0.0	0.0	0.0	25.5	24.7	0.8	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/11/2017 04:55	0.0	0.0	0.0	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/12/2017 04:55	0.0	0.0	0.0	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/13/2017 04:55	0.0	0.1	0.1	25.5	25.6	0.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/14/2017 04:54	0.0	0.1	0.1	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/15/2017 04:54	0.0	0.0	0.0	25.5	24.7	0.8	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/16/2017 04:54	0.0	0.0	0.0	25.5	24.8	0.7	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/17/2017 04:54	0.0	0.0	0.0	25.5	25.5	0.0	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/18/2017 04:54	0.0	0.1	0.1	25.5	24.7	0.8	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/19/2017 04:54	0.0	0.1	0.1	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/20/2017 04:54	0.0	0.0	0.0	25.5	25.6	0.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/21/2017 04:54	0.0	0.2	0.2	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/22/2017 04:54	0.0	0.1	0.1	25.5	25.9	0.4	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/23/2017 04:54	0.0	0.0	0.0	25.5	25.2	0.3	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/24/2017 04:54	0.0	0.1	0.1	25.5	25.0	0.5	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/25/2017 04:54	0.0	0.3	0.3	25.5	25.1	0.4	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/26/2017 04:54	0.0	0.2	0.2	25.5	25.3	0.2	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/27/2017 04:54	0.0	0.1	0.1	25.5	25.6	0.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/28/2017 04:54	0.0	0.0	0.0	25.5	25.0	0.5	4.0	DIFF	Passed	Yes			cc475796	01/19/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
06/29/2017 04:54	0.0	0.0	0.0	25.5	24.4	1.1	4.0	DIFF	Passed	Yes			cc475796	01/19/19
06/30/2017 04:55	0.0	0.0	0.0	25.5	24.9	0.6	4.0	DIFF	Passed	Yes			cc475796	01/19/19
O2														
01/01/2017 04:59	0.0	0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/02/2017 04:59	0.0	0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/03/2017 04:59	0.0	0.3	0.3	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/04/2017 04:59	0.0	0.1	0.1	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/05/2017 04:59	0.0	0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/06/2017 04:59	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/07/2017 04:59	0.0	0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/08/2017 04:59	0.0	0.2	0.2	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/09/2017 04:59	0.0	0.3	0.3	21.9	22.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/10/2017 04:59	0.0	0.2	0.2	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/11/2017 04:59	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/12/2017 04:59	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/13/2017 04:59	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/14/2017 04:59	0.0	0.2	0.2	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/15/2017 04:59	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/16/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/17/2017 04:59	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
01/18/2017 04:59	0.0	-0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/19/2017 04:59	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/20/2017 04:59	0.0	0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/21/2017 04:59	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/22/2017 04:59	0.0	0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/23/2017 04:59	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/24/2017 04:59	0.0	0.0	0.0	21.9	21.3	0.6	1.0	DIFF	Maint Limit	Yes	BALN O2	A12011	alm020061	03/15/24
01/25/2017 04:59	0.0	0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/26/2017 04:59	0.0	0.1	0.1	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/27/2017 04:59	0.0	-0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/28/2017 04:59	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/29/2017 04:59	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/30/2017 04:59	0.0	0.0	0.0	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
01/31/2017 04:59	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/01/2017 04:59	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/02/2017 04:59	0.0	0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/03/2017 04:59	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/04/2017 04:59	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/05/2017 04:59	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/06/2017 04:59	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/07/2017 04:59	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/08/2017 04:59	0.0	-0.1	0.1	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/09/2017 04:59	0.0	0.0	0.0	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/10/2017 04:59	0.0	0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/11/2017 04:59	0.0	0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/12/2017 04:59	0.0	0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/13/2017 04:59	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/14/2017 04:59	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/15/2017 04:58	0.0	0.0	0.0	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/16/2017 04:59	0.0	0.1	0.1	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/17/2017 04:59	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/18/2017 04:58	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/19/2017 04:58	0.0	-0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/20/2017 04:58	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/21/2017 04:58	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/22/2017 04:58	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/23/2017 04:58	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/24/2017 04:58	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/25/2017 04:58	0.0	0.0	0.0	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/26/2017 04:58	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/27/2017 04:58	0.0	0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
02/28/2017 04:58	0.0	0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/01/2017 04:58	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/02/2017 04:58	0.0	0.3	0.3	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/03/2017 04:58	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/04/2017 04:58	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/05/2017 04:58	0.0	0.3	0.3	21.9	22.3	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/06/2017 04:58	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/07/2017 04:58	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/08/2017 04:58	0.0	0.4	0.4	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/09/2017 04:58	0.0	0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/10/2017 04:58	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/11/2017 04:58	0.0	0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/12/2017 04:58	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/13/2017 04:58	0.0	0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/13/2017 12:09	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/14/2017 04:58	0.0	0.0	0.0	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
03/15/2017 04:58	0.0	0.0	0.0	21.9	21.4	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/16/2017 04:58	0.0	0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/17/2017 04:58	0.0	0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/18/2017 04:58	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/19/2017 04:58	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/20/2017 04:58	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/21/2017 04:58	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/22/2017 04:58	0.0	0.0	0.0	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/23/2017 04:58	0.0	0.2	0.2	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/24/2017 04:58	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/25/2017 04:58	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/26/2017 04:58	0.0	0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/27/2017 04:58	0.0	0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/28/2017 04:58	0.0	0.0	0.0	21.9	21.5	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/29/2017 04:58	0.0	0.1	0.1	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/29/2017 07:53	0.0	0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/30/2017 04:59	0.0	-0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/30/2017 07:45	0.0	-0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
03/31/2017 05:00	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
04/01/2017 05:00	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/02/2017 05:00	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/03/2017 05:00	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/04/2017 05:00	0.0	-0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/05/2017 05:00	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/06/2017 05:00	0.0	-0.2	0.2	21.9	21.7	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm020061	03/15/24
04/07/2017 05:00	0.0	0.1	0.1	21.9	21.4	0.5	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/08/2017 05:00	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/09/2017 05:00	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/10/2017 05:00	0.0	-0.2	0.2	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/11/2017 05:00	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/12/2017 05:00	0.0	0.0	0.0	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/13/2017 05:00	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/14/2017 05:00	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/15/2017 05:00	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/16/2017 05:00	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/17/2017 05:00	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/18/2017 05:00	0.0	-0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/19/2017 05:00	0.0	0.1	0.1	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/20/2017 05:00	0.0	-0.3	0.3	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/21/2017 05:00	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/22/2017 05:00	0.0	-0.2	0.2	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/23/2017 05:00	0.0	-0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/24/2017 05:00	0.0	-0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/25/2017 05:00	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/26/2017 05:00	0.0	-0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
04/27/2017 05:00	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/28/2017 04:59	0.0	0.0	0.0	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/29/2017 04:59	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
04/30/2017 04:59	0.0	-0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/01/2017 04:59	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/02/2017 04:59	0.0	-0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/03/2017 04:59	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/04/2017 04:59	0.0	-0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/05/2017 04:59	0.0	-0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/06/2017 04:59	0.0	-0.2	0.2	21.9	21.4	0.5	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/07/2017 04:59	0.0	-0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/08/2017 04:59	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/09/2017 04:59	0.0	0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/10/2017 04:59	0.0	0.0	0.0	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/11/2017 04:59	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/12/2017 04:59	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/13/2017 04:59	0.0	-0.1	0.1	21.9	21.8	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/14/2017 04:59	0.0	-0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/15/2017 04:59	0.0	0.1	0.1	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/16/2017 04:59	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/17/2017 04:59	0.0	-0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/18/2017 04:59	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/19/2017 04:59	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/20/2017 04:59	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/21/2017 04:59	0.0	-0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/22/2017 04:59	0.0	-0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/23/2017 04:59	0.0	-0.2	0.2	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/24/2017 04:59	0.0	0.0	0.0	21.9	21.7	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/25/2017 04:59	0.0	-0.3	0.3	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
05/26/2017 04:59	0.0	-0.2	0.2	21.9	21.6	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/26/2017 10:22	0.0	0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/27/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/28/2017 04:59	0.0	0.2	0.2	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/29/2017 04:59	0.0	0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/30/2017 04:59	0.0	0.3	0.3	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
05/31/2017 04:59	0.0	0.5	0.5	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/01/2017 04:59	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/02/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/03/2017 04:59	0.0	0.4	0.4	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/04/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/05/2017 04:59	0.0	0.2	0.2	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/06/2017 04:59	0.0	0.1	0.1	21.9	22.0	0.1	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/07/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/08/2017 04:59	0.0	0.0	0.0	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/09/2017 04:59	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/10/2017 04:59	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/11/2017 04:59	0.0	0.2	0.2	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/12/2017 04:59	0.0	0.2	0.2	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/13/2017 04:58	0.0	0.0	0.0	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/14/2017 04:58	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/15/2017 04:58	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/16/2017 04:58	0.0	0.3	0.3	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/17/2017 04:58	0.0	-0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/18/2017 04:58	0.0	0.3	0.3	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/19/2017 04:58	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/20/2017 04:58	0.0	0.2	0.2	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/21/2017 04:58	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/22/2017 04:58	0.0	0.2	0.2	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
06/23/2017 04:58	0.0	0.1	0.1	21.9	22.1	0.2	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/24/2017 04:58	0.0	0.1	0.1	21.9	21.9	0.0	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/25/2017 04:58	0.0	0.3	0.3	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/26/2017 04:58	0.0	0.3	0.3	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/27/2017 04:58	0.0	0.1	0.1	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/28/2017 04:58	0.0	0.2	0.2	21.9	22.3	0.4	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/29/2017 04:58	0.0	0.3	0.3	21.9	22.4	0.5	1.0	DIFF	Passed	Yes			alm011093	03/15/24
06/30/2017 04:58	0.0	0.1	0.1	21.9	22.2	0.3	1.0	DIFF	Passed	Yes			alm011093	03/15/24

No Quarterly Type Calibration Records Found

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/01/2017 06:08	0.00	0.03	0.0	27.90	31.61	3.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/02/2017 06:08	0.00	0.02	0.0	27.90	32.42	4.5	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/03/2017 06:08	0.00	0.01	0.0	27.90	31.85	4.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/04/2017 06:08	0.00	0.00	0.0	27.90	31.08	3.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/05/2017 06:08	0.00	0.00	0.0	27.90	31.34	3.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/06/2017 06:08	0.00	0.02	0.0	27.90	31.59	3.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/07/2017 06:08	0.00	0.01	0.0	27.90	32.16	4.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/08/2017 06:08	0.00	0.00	0.0	27.90	32.04	4.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/09/2017 06:08	0.00	0.00	0.0	27.90	32.53	4.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/10/2017 06:08	0.00	0.00	0.0	27.90	32.56	4.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/11/2017 06:08	0.00	-0.01	0.0	27.90	32.12	4.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/12/2017 06:08	0.00	-0.01	0.0	27.90	32.01	4.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/13/2017 06:08	0.00	0.00	0.0	27.90	32.19	4.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/14/2017 06:08	0.00	0.01	0.0	27.90	32.68	4.8	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/15/2017 06:08	0.00	0.01	0.0	27.90	31.92	4.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/16/2017 06:08	0.00	0.01	0.0	27.90	32.22	4.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/17/2017 06:08	0.00	0.01	0.0	27.90	32.29	4.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/18/2017 06:08	0.00	0.01	0.0	27.90	31.83	3.9	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/19/2017 06:08	0.00	0.00	0.0	27.90	31.83	3.9	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
01/20/2017 06:08	0.00	0.00	0.0	27.90	32.08	4.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/21/2017 06:08	0.00	0.01	0.0	27.90	31.67	3.8	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/22/2017 06:08	0.00	0.01	0.0	27.90	31.50	3.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/23/2017 06:08	0.00	0.01	0.0	27.90	31.72	3.8	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/24/2017 06:08	0.00	0.00	0.0	27.90	31.56	3.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/25/2017 06:08	0.00	0.00	0.0	27.90	31.24	3.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/26/2017 06:08	0.00	0.01	0.0	27.90	31.63	3.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/27/2017 06:08	0.00	0.00	0.0	27.90	31.47	3.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/28/2017 06:08	0.00	0.00	0.0	27.90	31.38	3.5	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/29/2017 06:08	0.00	0.00	0.0	27.90	31.40	3.5	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/30/2017 06:08	0.00	0.02	0.0	27.90	31.75	3.9	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/31/2017 06:08	0.00	0.01	0.0	27.90	31.90	4.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
01/31/2017 08:38	0.00	0.05	0.1	27.90	27.84	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/01/2017 06:08	0.00	0.01	0.0	27.90	27.87	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/02/2017 06:08	0.00	0.01	0.0	27.90	27.82	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/03/2017 06:09	0.00	0.04	0.0	27.90	27.79	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/04/2017 06:09	0.00	0.04	0.0	27.90	27.97	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/05/2017 06:09	0.00	0.03	0.0	27.90	28.31	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/06/2017 06:09	0.00	0.03	0.0	27.90	28.06	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/07/2017 06:09	0.00	0.02	0.0	27.90	28.07	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/08/2017 06:09	0.00	0.02	0.0	27.90	27.50	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/09/2017 06:09	0.00	0.03	0.0	27.90	27.66	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/10/2017 06:08	0.00	0.03	0.0	27.90	27.88	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/11/2017 06:09	0.00	0.02	0.0	27.90	27.70	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/12/2017 06:09	0.00	0.03	0.0	27.90	28.18	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/13/2017 06:09	0.00	0.01	0.0	27.90	27.67	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/14/2017 06:09	0.00	0.03	0.0	27.90	27.74	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/15/2017 06:09	0.00	0.02	0.0	27.90	27.35	0.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/16/2017 06:09	0.00	0.02	0.0	27.90	27.41	0.5	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/16/2017 13:30	0.00	0.02	0.0	27.90	27.46	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/17/2017 06:09	0.00	0.04	0.0	27.90	27.62	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/18/2017 06:09	0.00	0.04	0.0	27.90	28.05	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/19/2017 06:09	0.00	0.02	0.0	27.90	27.55	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/20/2017 06:09	0.00	0.02	0.0	27.90	28.34	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/21/2017 06:09	0.00	0.04	0.0	27.90	28.34	0.4	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/22/2017 06:09	0.00	0.03	0.0	27.90	28.04	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/23/2017 06:09	0.00	0.01	0.0	27.90	28.03	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/24/2017 06:09	0.00	0.01	0.0	27.90	27.87	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
02/25/2017 06:09	0.00	0.01	0.0	27.90	27.60	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/26/2017 06:09	0.00	0.02	0.0	27.90	27.80	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/27/2017 06:09	0.00	0.03	0.0	27.90	28.19	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
02/28/2017 06:09	0.00	0.03	0.0	27.90	28.21	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/01/2017 06:09	0.00	0.01	0.0	27.90	27.94	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/02/2017 06:09	0.00	0.02	0.0	27.90	28.35	0.5	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/03/2017 06:08	0.00	0.03	0.0	27.90	27.93	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/04/2017 06:08	0.00	0.01	0.0	27.90	28.03	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/05/2017 06:08	0.00	0.02	0.0	27.90	28.46	0.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/06/2017 06:08	0.00	0.03	0.0	27.90	28.58	0.7	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/07/2017 06:09	0.00	0.03	0.0	27.90	28.20	0.3	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/08/2017 06:08	0.00	0.01	0.0	27.90	27.89	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/09/2017 06:08	0.00	0.02	0.0	27.90	27.93	0.0	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/10/2017 06:09	0.00	0.03	0.0	27.90	27.84	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/11/2017 06:09	0.00	0.05	0.1	27.90	28.10	0.2	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/12/2017 06:09	0.00	0.05	0.1	27.90	28.50	0.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/13/2017 06:09	0.00	0.07	0.1	27.90	28.49	0.6	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/14/2017 06:09	0.00	0.02	0.0	27.90	28.04	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/15/2017 06:09	0.00	0.04	0.0	27.90	27.85	0.1	10.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
03/16/2017 06:09	0.00	0.04	0.0	27.90	28.10	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/17/2017 06:09	0.00	0.05	0.1	27.90	28.47	0.6	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/18/2017 06:09	0.00	0.03	0.0	27.90	28.49	0.6	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/19/2017 06:09	0.00	0.03	0.0	27.90	28.55	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/20/2017 06:08	0.00	0.03	0.0	27.90	28.32	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/21/2017 06:09	0.00	0.02	0.0	27.90	27.99	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/21/2017 10:09	0.00	0.02	0.0	27.90	28.09	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/22/2017 06:09	0.00	1.80	1.8	27.90	12.84	15.1	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
03/22/2017 06:55	0.00	2.49	2.5	27.90	6.55	21.4	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
03/22/2017 07:35	0.00	3.24	3.2	27.90	27.59	0.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/23/2017 06:10	0.00	1.17	1.2	27.90	28.29	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/24/2017 06:10	0.00	2.10	2.1	27.90	28.14	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/25/2017 06:10	0.00	2.18	2.2	27.90	0.79	27.1	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
03/25/2017 06:54	0.00	0.03	0.0	27.90	28.69	0.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/26/2017 06:10	0.00	0.02	0.0	27.90	28.72	0.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/27/2017 06:10	0.00	0.07	0.1	27.90	28.08	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/28/2017 06:10	0.00	0.02	0.0	27.90	27.95	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/29/2017 06:10	0.00	0.04	0.0	27.90	28.47	0.6	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/30/2017 06:10	0.00	0.03	0.0	27.90	29.25	1.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
03/30/2017 10:22	0.00	0.02	0.0	27.90	27.86	0.0	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
03/31/2017 06:10	0.00	0.05	0.1	27.60	27.66	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/01/2017 06:10	0.00	0.03	0.0	27.60	27.24	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/02/2017 06:10	0.00	0.08	0.1	27.60	27.48	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/03/2017 06:10	0.00	1.27	1.3	27.60	27.46	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/04/2017 06:10	0.00	0.02	0.0	27.60	26.92	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/05/2017 06:10	0.00	0.03	0.0	27.60	27.13	0.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/06/2017 06:10	0.00	0.35	0.4	27.60	27.49	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/07/2017 06:10	0.00	0.22	0.2	27.60	26.87	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/08/2017 06:10	0.00	0.01	0.0	27.60	27.55	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/09/2017 06:10	0.00	0.00	0.0	27.60	27.94	0.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/10/2017 06:10	0.00	0.06	0.1	27.60	28.31	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/11/2017 06:10	0.00	0.05	0.1	27.60	27.55	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/12/2017 06:10	0.00	0.14	0.1	27.60	27.52	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/13/2017 06:10	0.00	1.69	1.7	27.60	26.46	1.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/14/2017 06:10	0.00	0.01	0.0	27.60	27.98	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/15/2017 06:10	0.00	0.02	0.0	27.60	27.92	0.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/16/2017 06:10	0.00	0.03	0.0	27.60	27.25	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/17/2017 06:10	0.00	0.30	0.3	27.60	27.08	0.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
04/18/2017 06:10	0.00	0.01	0.0	27.60	27.84	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/19/2017 06:10	0.00	0.05	0.1	27.60	27.77	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/20/2017 06:10	0.00	0.41	0.4	27.60	27.20	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/21/2017 06:10	0.00	0.04	0.0	27.60	25.73	1.9	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/22/2017 06:10	0.00	0.05	0.1	27.60	26.23	1.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/23/2017 06:10	0.00	0.06	0.1	27.60	26.18	1.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/24/2017 06:10	0.00	0.11	0.1	27.60	26.67	0.9	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/25/2017 06:10	0.00	0.24	0.2	27.60	25.32	2.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/26/2017 06:10	0.00	0.86	0.9	27.60	22.64	5.0	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
04/26/2017 08:23	0.00	0.04	0.0	27.60	23.19	4.4	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
04/26/2017 09:26	0.00	-1.97	2.0	27.60	26.59	1.0	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/26/2017 09:41	0.00	-2.09	2.1	27.60	28.27	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/27/2017 06:10	0.00	-2.12	2.1	27.60	30.14	2.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/27/2017 08:09	0.00	-0.02	0.0	27.60	32.27	4.7	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
04/27/2017 09:15	0.00	0.09	0.1	27.60	26.94	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/28/2017 06:10	0.00	0.18	0.2	27.60	29.11	1.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/29/2017 06:10	0.00	0.19	0.2	27.60	29.88	2.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
04/30/2017 06:10	0.00	0.04	0.0	27.60	30.04	2.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/01/2017 06:10	0.00	0.13	0.1	27.60	29.08	1.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/02/2017 06:10	0.00	0.15	0.2	27.60	27.78	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/03/2017 06:10	0.00	1.32	1.3	27.60	28.91	1.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/04/2017 06:10	0.00	3.78	3.8	27.60	30.21	2.6	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/05/2017 06:10	0.00	0.05	0.1	27.60	29.88	2.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/06/2017 06:10	0.00	0.05	0.1	27.60	30.29	2.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/07/2017 06:10	0.00	0.13	0.1	27.60	29.41	1.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/08/2017 06:10	0.00	2.01	2.0	27.60	29.49	1.9	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/09/2017 06:10	0.00	0.03	0.0	27.60	31.35	3.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/10/2017 06:10	0.00	2.15	2.2	27.60	0.07	27.5	4.0	DIFF	**Failed**	Yes	BALN NO		aal071712	07/15/19
05/10/2017 07:14	0.00	0.03	0.0	27.60	31.50	3.9	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/10/2017 08:01	0.00	0.09	0.1	27.60	27.96	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/11/2017 06:10	0.00	0.90	0.9	27.60	26.54	1.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/11/2017 07:04	0.00	0.00	0.0	27.60	27.40	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/11/2017 07:28	0.00	0.00	0.0	27.60	27.50	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/11/2017 08:26	0.00	0.01	0.0	27.60	27.45	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/12/2017 00:00							10.0	DIFF	Error	Yes				
05/12/2017 06:13					27.56		10.0	DIFF	Error	Yes				
05/12/2017 06:13	0.00	0.24	0.2	27.60	27.10	0.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/12/2017 07:25	0.00	0.39	0.4	27.60	27.16	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/12/2017 08:05	0.00	-0.01	0.0	27.60	27.53	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/13/2017 06:13	0.00	-0.22	0.2	27.60	24.63	3.0	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/13/2017 07:33	0.00	-0.29	0.3	27.60	27.66	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/13/2017 07:40	0.00			27.60			4.0	DIFF	Error	Yes	BALN NO		aal071712	07/15/19
05/13/2017 08:02	0.00	-0.29	0.3	27.60	27.66	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/13/2017 08:39	0.00	-0.27	0.3	27.60	27.39	0.2	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/14/2017 06:13	0.00	-0.13	0.1	27.60	28.07	0.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/15/2017 06:13	0.00	-0.16	0.2	27.60	28.28	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/16/2017 06:13	0.00	-0.04	0.0	27.60	28.30	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/16/2017 08:21	0.00	0.00	0.0	27.60	27.95	0.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/17/2017 06:13	0.00	-0.25	0.3	27.60	27.54	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/17/2017 08:56	0.00	-0.25	0.3	27.60	27.30	0.3	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/18/2017 06:13	0.00	-0.32	0.3	27.60	26.87	0.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/19/2017 06:13	0.00	-0.17	0.2	27.60	25.92	1.7	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/20/2017 06:13	0.00	0.00	0.0	27.60	26.13	1.5	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/21/2017 06:13	0.00	0.05	0.1	27.60	28.39	0.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/22/2017 06:13	0.00	-0.11	0.1	27.60	25.25	2.4	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/23/2017 06:13	0.00	-0.24	0.2	27.60	25.77	1.8	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/23/2017 10:54	0.00	-0.24	0.2	27.60	27.55	0.1	4.0	DIFF	Passed	Yes	BALN NO		aal071712	07/15/19
05/24/2017 06:13	0.00	-0.21	0.2	27.19	27.95	0.8	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/25/2017 06:13	0.00	-0.18	0.2	27.19	27.08	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
05/26/2017 06:13	0.00	-0.20	0.2	27.19	25.78	1.4	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/27/2017 06:13	0.00	-0.06	0.1	27.19	27.09	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/28/2017 06:13	0.00	-0.20	0.2	27.19	26.76	0.4	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/29/2017 06:13	0.00	0.11	0.1	27.19	26.48	0.7	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/30/2017 06:13	0.00	0.21	0.2	27.19	27.16	0.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
05/31/2017 06:13	0.00	0.50	0.5	27.19	26.78	0.4	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/01/2017 06:13	0.00	-0.10	0.1	27.19	26.90	0.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/01/2017 11:06	0.00	0.16	0.2	27.19	26.60	0.6	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/02/2017 06:13	0.00	0.02	0.0	27.19	27.69	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/02/2017 07:53	0.00	0.18	0.2	27.19	28.70	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/03/2017 06:13	0.00	0.20	0.2	27.19	29.15	2.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/04/2017 06:13	0.00	0.14	0.1	27.19	30.56	3.4	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/05/2017 06:13	0.00	-0.33	0.3	27.19	29.32	2.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/06/2017 06:13	0.00	-0.01	0.0	27.19	27.05	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/06/2017 07:54	0.00	-0.14	0.1	27.19	25.73	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/07/2017 06:13	0.00	0.15	0.2	27.19	26.98	0.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/07/2017 09:36	0.00	0.30	0.3	27.19	26.54	0.7	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/07/2017 09:54	0.00	0.37	0.4	27.19	26.72	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/08/2017 06:23	0.00	0.22	0.2	27.19	24.22	3.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/08/2017 08:25	0.00	0.15	0.2	27.19	25.73	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/08/2017 08:43	0.00	0.11	0.1	27.19	26.32	0.9	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/08/2017 09:15	0.00	0.13	0.1	27.19	26.68	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/09/2017 06:23	0.00	-0.31	0.3	27.19	28.72	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/09/2017 07:59	0.00	-0.20	0.2	27.19	28.48	1.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/09/2017 13:51	0.00	-0.30	0.3	27.19	26.52	0.7	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/10/2017 05:58	0.00	-0.37	0.4	27.19	28.53	1.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/10/2017 07:11	0.00	-0.33	0.3	27.19	27.18	0.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/11/2017 05:58	0.00	-0.32	0.3	27.19	26.14	1.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/12/2017 05:58	0.00	-0.28	0.3	27.19	26.18	1.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
06/13/2017 05:58	0.00	-0.25	0.3	27.19	23.56	3.6	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/14/2017 05:58	0.00	-0.07	0.1	27.19	20.61	6.6	4.0	DIFF	Failed	Yes			cc171253	02/14/20
06/14/2017 08:26	0.00	-0.11	0.1	27.19	26.00	1.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/14/2017 11:40	0.00	-0.31	0.3	27.19	27.48	0.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/14/2017 13:02	0.00	-0.28	0.3	27.19	27.28	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/15/2017 05:58	0.00	-0.01	0.0	27.19	28.89	1.7	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/16/2017 05:58	0.00	0.02	0.0	27.19	25.37	1.8	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/16/2017 07:51	0.00	0.00	0.0	27.19	26.32	0.9	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/16/2017 08:09	0.00	-0.01	0.0	27.19	27.64	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/17/2017 05:58	0.00	0.04	0.0	27.19	26.85	0.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/17/2017 07:59	0.00	0.10	0.1	27.19	24.23	3.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/17/2017 08:17	0.00	0.01	0.0	27.19	28.08	0.9	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/17/2017 08:35	0.00	0.04	0.0	27.19	28.34	1.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/18/2017 05:58	0.00	0.00	0.0	27.19	27.23	0.0	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/18/2017 09:45	0.00	0.00	0.0	27.19	27.73	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/19/2017 05:58	0.00	-0.03	0.0	27.19	31.07	3.9	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/19/2017 08:59	0.00	-0.03	0.0	27.19	27.39	0.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/20/2017 05:58	0.00	0.12	0.1	27.19	25.71	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/21/2017 05:58	0.00	-0.13	0.1	27.19	30.71	3.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/22/2017 05:58	0.00	-0.22	0.2	27.19	31.68	4.5	4.0	DIFF	Failed	Yes			cc171253	02/14/20
06/22/2017 08:14	0.00	-0.13	0.1	27.19	27.49	0.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/23/2017 05:58	0.00	-0.18	0.2	27.19	25.69	1.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/24/2017 05:58	0.00	-0.19	0.2	27.19	27.43	0.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/25/2017 05:58	0.00	-0.18	0.2	27.19	27.94	0.8	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/26/2017 05:58	0.00	-0.17	0.2	27.19	27.71	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/27/2017 05:58	0.00	0.13	0.1	27.19	27.45	0.3	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/28/2017 05:58	0.00	0.42	0.4	27.19	27.68	0.5	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/29/2017 05:58	0.00	0.19	0.2	27.19	27.54	0.4	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/30/2017 05:58	0.00	0.25	0.3	27.19	26.97	0.2	4.0	DIFF	Passed	Yes			cc171253	02/14/20

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
NOXPPM														
06/30/2017 08:17	0.00	0.00	0.0	27.19	27.10	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
06/30/2017 08:48	0.00	0.06	0.1	27.73	27.84	0.1	4.0	DIFF	Passed	Yes			cc171253	02/14/20
O2														
01/01/2017 06:05	0.00	-0.09	0.1	21.92	21.88	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/02/2017 06:05	0.00	-0.09	0.1	21.92	22.19	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/03/2017 06:05	0.00	-0.09	0.1	21.92	21.85	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/04/2017 06:05	0.00	-0.07	0.1	21.92	21.46	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/05/2017 06:05	0.00	-0.07	0.1	21.92	21.77	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/06/2017 06:05	0.00	-0.07	0.1	21.92	21.83	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/07/2017 06:05	0.00	-0.08	0.1	21.92	22.00	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/08/2017 06:05	0.00	-0.07	0.1	21.92	22.13	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/09/2017 06:05	0.00	-0.09	0.1	21.92	22.36	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/10/2017 06:05	0.00	-0.08	0.1	21.92	22.25	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/11/2017 06:05	0.00	-0.08	0.1	21.92	22.02	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/12/2017 06:05	0.00	-0.09	0.1	21.92	21.89	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/13/2017 06:05	0.00	-0.10	0.1	21.92	22.04	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/14/2017 06:05	0.00	-0.09	0.1	21.92	22.30	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/15/2017 06:05	0.00	-0.08	0.1	21.92	22.06	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/16/2017 06:05	0.00	-0.08	0.1	21.92	22.17	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/17/2017 06:05	0.00	-0.08	0.1	21.92	21.99	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
01/18/2017 06:05	0.00	-0.08	0.1	21.92	21.75	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/19/2017 06:05	0.00	-0.09	0.1	21.92	21.86	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/20/2017 06:05	0.00	-0.07	0.1	21.92	21.83	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/21/2017 06:05	0.00	-0.08	0.1	21.92	21.77	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/22/2017 06:05	0.00	-0.08	0.1	21.92	21.61	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/23/2017 06:05	0.00	-0.09	0.1	21.92	21.59	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/24/2017 06:05	0.00	-0.07	0.1	21.92	21.38	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/25/2017 06:05	0.00	-0.08	0.1	21.92	21.60	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/26/2017 06:05	0.00	-0.07	0.1	21.92	21.43	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/27/2017 06:05	0.00	-0.06	0.1	21.92	21.64	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/28/2017 06:06	0.00	-0.07	0.1	21.92	21.67	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/29/2017 06:05	0.00	-0.07	0.1	21.92	21.64	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/30/2017 06:05	0.00	-0.08	0.1	21.92	21.65	0.3	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/31/2017 06:05	0.00	-0.08	0.1	21.92	21.80	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
01/31/2017 08:35	0.00	-0.09	0.1	21.92	21.79	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/01/2017 06:05	0.00	-0.07	0.1	21.92	21.80	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/02/2017 06:05	0.00	-0.07	0.1	21.92	21.89	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/03/2017 06:06	0.00	-0.06	0.1	21.92	22.01	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/04/2017 06:06	0.00	-0.05	0.1	21.92	22.13	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24

Calibration Error: **Failed Test** Failed Level Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/05/2017 06:06	0.00	-0.05	0.1	21.92	21.93	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/06/2017 06:06	0.00	-0.07	0.1	21.92	21.90	0.0	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/07/2017 06:06	0.00	-0.07	0.1	21.92	21.73	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/08/2017 06:06	0.00	-0.06	0.1	21.92	21.50	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/09/2017 06:06	0.00	-0.05	0.1	21.92	21.47	0.5	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/10/2017 06:05	0.00	-0.05	0.1	21.92	22.08	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/11/2017 06:06	0.00	-0.06	0.1	21.92	21.80	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/12/2017 06:06	0.00	-0.06	0.1	21.92	21.85	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/13/2017 06:06	0.00	-0.06	0.1	21.92	21.73	0.2	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/14/2017 06:06	0.00	-0.05	0.1	21.92	21.85	0.1	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/15/2017 06:06	0.00	-0.05	0.1	21.92	21.55	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/16/2017 06:06	0.00	-0.05	0.1	21.92	21.57	0.4	1.0	DIFF	Passed	Yes	BALN O2	A12011	alm066847	03/01/24
02/16/2017 13:27	0.00	-0.07	0.1	21.90	21.62	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/17/2017 06:06	0.00	-0.05	0.1	21.90	21.78	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/18/2017 06:06	0.00	-0.05	0.1	21.90	21.75	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/19/2017 06:06	0.00	-0.05	0.1	21.90	21.69	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/20/2017 06:06	0.00	-0.08	0.1	21.90	21.95	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/21/2017 06:06	0.00	-0.06	0.1	21.90	22.10	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/22/2017 06:06	0.00	-0.05	0.1	21.90	21.89	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/23/2017 06:06	0.00	-0.07	0.1	21.90	21.75	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/24/2017 06:06	0.00	-0.07	0.1	21.90	21.79	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/25/2017 06:06	0.00	-0.04	0.0	21.90	21.66	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/26/2017 06:06	0.00	-0.07	0.1	21.90	21.81	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
02/27/2017 06:06	0.00	-0.06	0.1	21.90	22.13	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
02/28/2017 06:06	0.00	-0.07	0.1	21.90	22.06	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/01/2017 06:06	0.00	-0.09	0.1	21.90	21.71	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/02/2017 06:06	0.00	-0.08	0.1	21.90	21.57	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/03/2017 06:05	0.00	-0.07	0.1	21.90	21.92	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/04/2017 06:05	0.00	-0.06	0.1	21.90	22.18	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/05/2017 06:05	0.00	-0.07	0.1	21.90	22.33	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/06/2017 06:05	0.00	-0.06	0.1	21.90	22.19	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/07/2017 06:06	0.00	-0.06	0.1	21.90	22.02	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/08/2017 06:05	0.00	-0.08	0.1	21.90	21.81	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/09/2017 06:05	0.00	-0.06	0.1	21.90	21.83	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/10/2017 06:06	0.00	-0.07	0.1	21.90	21.69	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/11/2017 06:06	0.00	-0.06	0.1	21.90	21.99	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/12/2017 06:06	0.00	-0.07	0.1	21.90	22.09	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/13/2017 06:06	0.00	-0.07	0.1	21.90	22.21	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/14/2017 06:06	0.00	-0.07	0.1	21.90	21.59	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/15/2017 06:06	0.00	-0.06	0.1	21.90	21.67	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/16/2017 06:06	0.00	-0.06	0.1	21.90	21.89	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/17/2017 06:06	0.00	-0.07	0.1	21.90	22.06	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/18/2017 06:06	0.00	-0.07	0.1	21.90	21.96	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/19/2017 06:06	0.00	-0.08	0.1	21.90	21.95	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/20/2017 06:05	0.00	-0.07	0.1	21.90	21.96	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/21/2017 06:06	0.00	-0.08	0.1	21.90	21.79	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/21/2017 10:06	0.00	-0.08	0.1	21.90	21.91	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/22/2017 06:06	0.00	0.02	0.0	21.90	21.66	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/22/2017 06:52	0.00	0.00	0.0	21.90	21.66	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/22/2017 07:31	0.00	-0.01	0.0	21.90	21.67	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/23/2017 06:06	0.00	-0.02	0.0	21.90	22.14	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/24/2017 06:06	0.00	-0.01	0.0	21.90	22.00	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
03/25/2017 06:06	0.00	7.10	7.1	21.90	0.01	21.9	1.0	DIFF	Failed	Yes			alm044207	03/15/24
03/25/2017 06:50	0.00	-0.13	0.1	21.90	22.00	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/26/2017 06:06	0.00	-0.07	0.1	21.90	22.15	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/27/2017 06:06	0.00	-0.05	0.1	21.90	21.88	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/28/2017 06:06	0.00	-0.07	0.1	21.90	21.82	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/29/2017 06:06	0.00	-0.07	0.1	21.90	21.87	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/30/2017 06:06	0.00	-0.10	0.1	21.90	22.04	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/30/2017 10:18	0.00	-0.09	0.1	21.90	22.11	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
03/31/2017 06:06	0.00	-0.05	0.1	21.90	21.85	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/01/2017 06:06	0.00	-0.06	0.1	21.90	21.72	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/02/2017 06:06	0.00	-0.02	0.0	21.90	21.93	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/03/2017 06:06	0.00	0.03	0.0	21.90	21.76	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/04/2017 06:06	0.00	-0.04	0.0	21.90	21.63	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/05/2017 06:06	0.00	-0.04	0.0	21.90	21.80	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/06/2017 06:06	0.00	-0.01	0.0	21.90	21.68	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/07/2017 06:06	0.00	0.00	0.0	21.90	21.47	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/08/2017 06:06	0.00	-0.02	0.0	21.90	22.05	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/09/2017 06:06	0.00	-0.02	0.0	21.90	22.25	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/10/2017 06:06	0.00	-0.04	0.0	21.90	22.10	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/11/2017 06:06	0.00	-0.05	0.1	21.90	22.03	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/12/2017 06:06	0.00	-0.01	0.0	21.90	21.89	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/13/2017 06:06	0.00	0.19	0.2	21.90	21.52	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/14/2017 06:06	0.00	-0.08	0.1	21.90	22.18	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/15/2017 06:06	0.00	-0.09	0.1	21.90	22.18	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/16/2017 06:06	0.00	-0.05	0.1	21.90	21.90	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/17/2017 06:06	0.00	0.00	0.0	21.90	21.71	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/18/2017 06:06	0.00	-0.07	0.1	21.90	22.15	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/19/2017 06:06	0.00	-0.05	0.1	21.90	22.22	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/20/2017 06:06	0.00	-0.03	0.0	21.90	22.02	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
04/21/2017 06:06	0.00	-0.06	0.1	21.90	21.87	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/22/2017 06:06	0.00	-0.05	0.1	21.90	21.82	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/23/2017 06:06	0.00	-0.07	0.1	21.90	21.94	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/24/2017 06:06	0.00	-0.04	0.0	21.90	21.92	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/25/2017 06:06	0.00	-0.01	0.0	21.90	21.78	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/26/2017 06:06	0.00	0.01	0.0	21.90	21.52	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/26/2017 08:19	0.00	-0.08	0.1	21.90	21.70	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/26/2017 09:22	0.00	-0.08	0.1	21.90	21.71	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/26/2017 09:37	0.00	-0.08	0.1	21.90	21.71	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/27/2017 06:06	0.00	-0.07	0.1	21.90	21.80	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/27/2017 08:05	0.00	-0.08	0.1	21.90	21.84	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/27/2017 09:11	0.00	-0.09	0.1	21.90	21.82	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/28/2017 06:06	0.00	-0.06	0.1	21.90	21.83	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/29/2017 06:06	0.00	-0.08	0.1	21.90	21.90	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
04/30/2017 06:06	0.00	-0.07	0.1	21.90	22.01	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/01/2017 06:06	0.00	-0.05	0.1	21.90	21.82	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/02/2017 06:06	0.00	-0.02	0.0	21.90	21.49	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/03/2017 06:06	0.00	0.01	0.0	21.90	21.58	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/04/2017 06:06	0.00	0.06	0.1	21.90	21.66	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/05/2017 06:06	0.00	-0.05	0.1	21.90	21.70	0.2	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/06/2017 06:06	0.00	-0.04	0.0	21.90	21.38	0.5	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/07/2017 06:06	0.00	-0.01	0.0	21.90	21.52	0.4	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/08/2017 06:06	0.00	0.02	0.0	21.90	21.56	0.3	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/09/2017 06:06	0.00	-0.09	0.1	21.90	21.88	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/10/2017 06:06	0.00	6.65	6.7	21.90	0.32	21.6	1.0	DIFF	Failed	Yes			alm044207	03/15/24
05/10/2017 07:10	0.00	-0.08	0.1	21.90	21.97	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/10/2017 07:57	0.00	-0.09	0.1	21.90	21.98	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/11/2017 06:06	0.00	7.37	7.4	21.90	7.38	14.5	1.0	DIFF	Failed	Yes			alm044207	03/15/24
05/11/2017 07:00	0.00	-0.62	0.6	21.90	21.16	0.7	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
05/11/2017 07:23	0.00	-0.62	0.6	21.90	21.90	0.0	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24
05/11/2017 08:21	0.00	0.00	0.0	21.90	21.93	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/12/2017 00:00							1.0	DIFF	Error	Yes				
05/12/2017 06:08	0.00	7.56	7.6	21.90	7.51	14.4	1.0	DIFF	Failed	Yes			alm044207	03/15/24
05/12/2017 07:20	0.00	1.71	1.7	21.90	18.51	3.4	1.0	DIFF	Failed	Yes			alm044207	03/15/24
05/12/2017 08:00	0.00	0.09	0.1	21.90	21.98	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/13/2017 06:08	0.00	0.06	0.1	21.90	20.68	1.2	1.0	DIFF	Failed	Yes			alm044207	03/15/24
05/13/2017 07:28	0.00	-0.62	0.6	21.90	22.00	0.1	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24
05/13/2017 07:40	0.00			21.90			1.0	DIFF	Error	Yes			alm044207	03/15/24
05/13/2017 07:57	0.00	-0.06	0.1	21.90	22.73	0.8	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24
05/13/2017 08:34	0.00	-0.09	0.1	21.90	21.97	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/14/2017 06:08	0.00	-0.14	0.1	21.90	21.95	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/15/2017 06:08	0.00	-0.14	0.1	21.90	22.37	0.5	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/16/2017 06:08	0.00	0.28	0.3	21.90	22.89	1.0	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24
05/16/2017 08:16	0.00	-0.08	0.1	21.90	22.02	0.1	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/17/2017 06:08	0.00	0.53	0.5	21.90	22.57	0.7	1.0	DIFF	Maint Limit	Yes			alm044207	03/15/24
05/17/2017 08:51	0.00	-0.07	0.1	21.90	21.93	0.0	1.0	DIFF	Passed	Yes			alm044207	03/15/24
05/18/2017 06:08	0.00	0.35	0.4	21.91	22.01	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/19/2017 06:08	0.00	-0.15	0.2	21.91	21.36	0.6	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
05/20/2017 06:08	0.00	0.08	0.1	21.91	22.26	0.4	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/21/2017 06:08	0.00	0.37	0.4	21.91	22.78	0.9	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
05/22/2017 06:08	0.00	-0.08	0.1	21.91	22.08	0.2	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/23/2017 06:08	0.00	-0.21	0.2	21.91	21.30	0.6	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
05/23/2017 10:49	0.00	-0.19	0.2	21.91	21.68	0.2	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/24/2017 06:08	0.00	0.30	0.3	21.91	22.33	0.4	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/25/2017 06:08	0.00	-0.62	0.6	21.91	20.96	1.0	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
05/26/2017 06:08	0.00	0.06	0.1	21.91	21.48	0.4	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/27/2017 06:08	0.00	0.20	0.2	21.91	22.05	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/28/2017 06:08	0.00	0.43	0.4	21.91	22.10	0.2	1.0	DIFF	Passed	Yes			almo21855	04/08/23

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
05/29/2017 06:08	0.00	-0.05	0.1	21.91	21.66	0.3	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/30/2017 06:08	0.00	0.29	0.3	21.91	21.90	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
05/31/2017 06:08	0.00	0.13	0.1	21.91	21.11	0.8	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/01/2017 06:08	0.00	0.10	0.1	21.91	21.35	0.6	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/01/2017 11:01	0.00	-0.62	0.6	21.91	21.87	0.0	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/02/2017 06:08	0.00	0.21	0.2	21.91	23.82	1.9	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/02/2017 07:48	0.00	-0.04	0.0	21.91	21.82	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/03/2017 06:08	0.00	-0.62	0.6	21.91	21.38	0.5	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/04/2017 06:08	0.00	-0.45	0.5	21.91	21.77	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/05/2017 06:08	0.00	-0.31	0.3	21.91	21.29	0.6	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/06/2017 06:08	0.00	-0.62	0.6	21.91	20.69	1.2	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/06/2017 07:49	0.00	-0.07	0.1	21.91	21.96	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/07/2017 06:08	0.00	2.37	2.4	21.91	24.42	2.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/07/2017 09:31	0.00	0.05	0.1	21.91	22.01	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/07/2017 09:49	0.00	0.00	0.0	21.91	21.36	0.6	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/08/2017 06:18	0.00	-0.62	0.6	21.91	19.41	2.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/08/2017 08:20	0.00	0.00	0.0	21.91	21.88	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/08/2017 08:38	0.00	1.18	1.2	21.91	22.77	0.9	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/08/2017 09:10	0.00	0.06	0.1	21.91	21.92	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/09/2017 06:18	0.00	-0.62	0.6	21.91	18.38	3.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/09/2017 07:54	0.00	0.08	0.1	21.91	21.87	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/09/2017 13:46	0.00	0.13	0.1	21.91	21.95	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/10/2017 05:53	0.00	-0.35	0.4	21.91	23.45	1.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/10/2017 07:06	0.00	-0.40	0.4	21.91	22.00	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/11/2017 05:53	0.00	-0.19	0.2	21.91	21.12	0.8	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/12/2017 05:53	0.00	-0.25	0.3	21.91	21.39	0.5	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/13/2017 05:53	0.00	-0.45	0.5	21.91	21.62	0.3	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/14/2017 05:53	0.00	0.28	0.3	21.91	20.45	1.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/14/2017 08:21	0.00	0.25	0.3	21.91	21.93	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23

Calibration Error: **Failed Test** | Failed Level | Maintenance Limit

Calibration Detail

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14

	Zero Level			Span Level			Results				Protocol Gas Details			
End Date / Time	Reference Value	Actual Response	Cal Error	Reference Value	Actual Response	Cal Error	Cal Limit	Error Method	Pass/Fail	On-Line	Gas Type Code	Vendor ID	Cylinder ID	Expire Date
O2														
06/14/2017 11:35	0.00	-0.01	0.0	21.91	21.86	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/14/2017 12:57	0.00	0.03	0.0	21.91	21.92	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/15/2017 05:53	0.00	-0.09	0.1	21.91	21.49	0.4	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/16/2017 05:53	0.00	-0.62	0.6	21.91	20.67	1.2	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/16/2017 07:46	0.00	0.09	0.1	21.91	22.01	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/16/2017 08:04	0.00	0.10	0.1	21.91	22.06	0.2	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/17/2017 05:53	0.00	-0.62	0.6	21.91	20.64	1.3	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/17/2017 07:54	0.00	0.05	0.1	21.91	21.95	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/17/2017 08:12	0.00	4.43	4.4	21.91	25.75	3.8	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/17/2017 08:30	0.00	-0.04	0.0	21.91	22.03	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/18/2017 05:53	0.00	-0.62	0.6	21.91	20.62	1.3	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/18/2017 09:40	0.00	0.00	0.0	21.91	21.88	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/19/2017 05:53	0.00	-0.03	0.0	21.91	21.97	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/19/2017 08:54	0.00	0.00	0.0	21.91	22.03	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/20/2017 05:53	0.00	-0.62	0.6	21.91	21.54	0.4	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/21/2017 05:53	0.00	-0.14	0.1	21.91	21.72	0.2	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/22/2017 05:53	0.00	-0.19	0.2	21.91	21.82	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/22/2017 08:09	0.00	-0.01	0.0	21.91	21.89	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/23/2017 05:53	0.00	-0.07	0.1	21.91	21.57	0.3	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/24/2017 05:53	0.00	-0.08	0.1	21.91	21.53	0.4	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/25/2017 05:53	0.00	-0.13	0.1	21.91	21.88	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/26/2017 05:53	0.00	-0.16	0.2	21.91	22.24	0.3	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/27/2017 05:53	0.00	0.35	0.4	21.91	21.88	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/28/2017 05:53	0.00	0.32	0.3	21.91	21.97	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/29/2017 05:53	0.00	0.74	0.7	21.91	21.67	0.2	1.0	DIFF	Maint Limit	Yes			almo21855	04/08/23
06/30/2017 05:53	0.00	1.10	1.1	21.91	21.45	0.5	1.0	DIFF	Failed	Yes			almo21855	04/08/23
06/30/2017 08:12	0.00	0.00	0.0	21.91	21.83	0.1	1.0	DIFF	Passed	Yes			almo21855	04/08/23
06/30/2017 08:43	0.00	0.09	0.1	21.91	21.92	0.0	1.0	DIFF	Passed	Yes			almo21855	04/08/23

Calibration Error: Failed Test | Failed Level | Maintenance Limit

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9
Parameter: NOXPPM
System ID: 00Q
Component ID: 046
Span Value: 30.000
Span Scale Code: L

Test End Date/Time: 03/24/17 10:19
Test Number: XML (046-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/24/17 09:48	7.600	7.600	0.000	0.0
03/24/17 10:00	7.600	7.900	-0.300	3.9
03/24/17 10:13	7.600	7.900	-0.300	3.9

Reference Mean: 7.600
Measured Mean: 7.800
Level Error: 2.6
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc259252
Cylinder Exp. Date: 01/10/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/24/17 09:52	15.000	15.200	-0.200	1.3
03/24/17 10:04	15.000	15.200	-0.200	1.3
03/24/17 10:16	15.000	15.300	-0.300	2.0

Reference Mean: 15.000
Measured Mean: 15.233
Level Error: 1.6
APS Indicator: False
Gas Type Code: BALN,NO
Vendor Identifier: A12011
Cylinder #: aal7411
Cylinder Exp. Date: 04/04/2019

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/24/17 09:56	28.200	27.900	0.300	1.1
03/24/17 10:07	28.200	27.900	0.300	1.1
03/24/17 10:19	28.200	28.000	0.200	0.7

Reference Mean: 28.200
Measured Mean: 27.933
Level Error: 0.9
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #:
Cylinder Exp. Date:

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9
Parameter: O2
System ID: 00Q
Component ID: 034
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 03/24/17 11:08
Test Number: XML (034-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/24/17 10:38	6.100	6.100	0.000	0.0
03/24/17 10:50	6.100	6.200	-0.100	1.6
03/24/17 11:00	6.100	6.300	-0.200	3.3

Reference Mean: 6.100
Measured Mean: 6.200
Level Error: 1.6
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm037596
Cylinder Exp. Date: 03/26/2024

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/24/17 10:42	13.100	13.100	0.000	0.0
03/24/17 10:54	13.100	13.200	-0.100	0.8
03/24/17 11:04	13.100	13.200	-0.100	0.8

Reference Mean: 13.100
Measured Mean: 13.167
Level Error: 0.5
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm014603
Cylinder Exp. Date: 01/02/2021

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/24/17 10:46	21.900	22.100	-0.200	0.9
03/24/17 10:57	21.900	22.100	-0.200	0.9
03/24/17 11:08	21.900	22.100	-0.200	0.9

Reference Mean: 21.900
Measured Mean: 22.100
Level Error: 0.9
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm046089
Cylinder Exp. Date: 07/07/2023

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9
Parameter: NOXPPM
System ID: 00Q
Component ID: 046
Span Value: 30.000
Span Scale Code: L

Test End Date/Time: 06/20/17 10:20
Test Number: XML (046-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/20/17 09:48	7.600	7.400	0.200	2.6
06/20/17 10:01	7.600	7.600	0.000	0.0
06/20/17 10:13	7.600	7.600	0.000	0.0

Reference Mean: 7.600
Measured Mean: 7.533
Level Error: 0.9
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc259252
Cylinder Exp. Date: 01/12/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/20/17 09:52	15.000	14.600	0.400	2.7
06/20/17 10:05	15.000	14.700	0.300	2.0
06/20/17 10:17	15.000	14.800	0.200	1.3

Reference Mean: 15.000
Measured Mean: 14.700
Level Error: 2.0
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc274212
Cylinder Exp. Date: 01/12/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/20/17 09:56	27.700	27.500	0.200	0.7
06/20/17 10:09	27.700	27.500	0.200	0.7
06/20/17 10:20	27.700	27.600	0.100	0.4

Reference Mean: 27.700
Measured Mean: 27.533
Level Error: 0.6
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc420455
Cylinder Exp. Date: 04/12/2020

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER9
Parameter: O2
System ID: 00Q
Component ID: 034
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 06/20/17 12:53
Test Number: XML (034-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/20/17 12:26	6.100	6.000	0.100	1.6
06/20/17 12:37	6.100	6.000	0.100	1.6
06/20/17 12:47	6.100	6.100	0.000	0.0

Reference Mean: 6.100
Measured Mean: 6.033
Level Error: 1.1
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm037596
Cylinder Exp. Date: 03/26/2024

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/20/17 12:31	13.100	13.200	-0.100	0.8
06/20/17 12:40	13.100	12.900	0.200	1.5
06/20/17 12:50	13.100	13.000	0.100	0.8

Reference Mean: 13.100
Measured Mean: 13.033
Level Error: 0.5
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc111542
Cylinder Exp. Date: 02/28/2025

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/20/17 12:33	21.900	21.900	0.000	0.0
06/20/17 12:43	21.900	21.900	0.000	0.0
06/20/17 12:53	21.900	21.900	0.000	0.0

Reference Mean: 21.900
Measured Mean: 21.900
Level Error: 0.0
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: CC12430
Cylinder Exp. Date: 11/22/2024

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10
Parameter: NOXPPM
System ID: 00S
Component ID: 047
Span Value: 30.000
Span Scale Code: L

Test End Date/Time: 03/29/17 09:44
Test Number: XML (047-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/29/17 09:09	7.600	7.100	0.500	6.6
03/29/17 09:22	7.600	8.100	-0.500	6.6
03/29/17 09:35	7.600	8.200	-0.600	7.9

Reference Mean: 7.600
Measured Mean: 7.800
Level Error: 2.6
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc259252
Cylinder Exp. Date: 01/12/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/29/17 09:13	15.000	14.700	0.300	2.0
03/29/17 09:24	15.000	15.000	0.000	0.0
03/29/17 09:38	15.000	15.000	0.000	0.0

Reference Mean: 15.000
Measured Mean: 14.900
Level Error: 0.7
APS Indicator: False
Gas Type Code: BALN,NO
Vendor Identifier: A12011
Cylinder #: aal7411
Cylinder Exp. Date: 04/04/2019

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/29/17 09:16	28.200	28.300	-0.100	0.4
03/29/17 09:29	28.200	27.900	0.300	1.1
03/29/17 09:44	28.200	28.200	0.000	0.0

Reference Mean: 28.200
Measured Mean: 28.133
Level Error: 0.2
APS Indicator: False
Gas Type Code: BALN,NO
Vendor Identifier: A12011
Cylinder #: aal069868
Cylinder Exp. Date: 04/21/2019

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10
Parameter: O2
System ID: 00S
Component ID: 038
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 03/29/17 11:25
Test Number: XML (038-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/29/17 11:01	6.000	6.300	-0.300	5.0
03/29/17 11:10	6.000	6.200	-0.200	3.3
03/29/17 11:19	6.000	6.300	-0.300	5.0

Reference Mean: 6.000
Measured Mean: 6.267
Level Error: 4.5
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm037596
Cylinder Exp. Date: 03/26/2024

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/29/17 11:04	13.000	13.100	-0.100	0.8
03/29/17 11:13	13.000	13.100	-0.100	0.8
03/29/17 11:22	13.000	13.000	0.000	0.0

Reference Mean: 13.000
Measured Mean: 13.067
Level Error: 0.5
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc111542
Cylinder Exp. Date: 02/28/2025

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/29/17 11:07	21.900	22.000	-0.100	0.5
03/29/17 11:16	21.900	22.000	-0.100	0.5
03/29/17 11:25	21.900	22.000	-0.100	0.5

Reference Mean: 21.900
Measured Mean: 22.000
Level Error: 0.5
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #:
Cylinder Exp. Date:

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10
Parameter: NOXPPM
System ID: 00S
Component ID: 047
Span Value: 30.000
Span Scale Code: L

Test End Date/Time: 06/16/17 12:15
Test Number: XML (047-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/16/17 11:41	7.600	7.500	0.100	1.3
06/16/17 11:54	7.600	7.800	-0.200	2.6
06/16/17 12:06	7.600	7.800	-0.200	2.6

Reference Mean: 7.600
Measured Mean: 7.700
Level Error: 1.3
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc259252
Cylinder Exp. Date: 01/10/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/16/17 11:45	15.000	14.800	0.200	1.3
06/16/17 11:58	15.000	15.000	0.000	0.0
06/16/17 12:10	15.000	14.800	0.200	1.3

Reference Mean: 15.000
Measured Mean: 14.867
Level Error: 0.9
APS Indicator: False
Gas Type Code: BALN,NO
Vendor Identifier: A12011
Cylinder #: aal7411
Cylinder Exp. Date: 04/04/2019

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/16/17 11:50	25.500	25.700	-0.200	0.8
06/16/17 12:02	25.500	25.200	0.300	1.2
06/16/17 12:15	25.500	25.000	0.500	2.0

Reference Mean: 25.500
Measured Mean: 25.300
Level Error: 0.8
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc475796
Cylinder Exp. Date: 01/19/2019

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER10
Parameter: O2
System ID: 00S
Component ID: 038
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 06/17/17 10:35
Test Number: XML (038-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/17/17 10:09	6.000	6.300	-0.300	5.0
06/17/17 10:19	6.000	6.300	-0.300	5.0
06/17/17 10:29	6.000	6.200	-0.200	3.3

Reference Mean: 6.000
Measured Mean: 6.267
Level Error: 4.5
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm037596
Cylinder Exp. Date: 03/26/2024

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/17/17 10:12	13.000	13.200	-0.200	1.5
06/17/17 10:21	13.000	13.000	0.000	0.0
06/17/17 10:32	13.000	13.200	-0.200	1.5

Reference Mean: 13.000
Measured Mean: 13.133
Level Error: 1.0
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc111542
Cylinder Exp. Date: 02/28/2025

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/17/17 10:15	21.900	22.200	-0.300	1.4
06/17/17 10:24	21.900	21.900	0.000	0.0
06/17/17 10:35	21.900	22.200	-0.300	1.4

Reference Mean: 21.900
Measured Mean: 22.100
Level Error: 0.9
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: alm011093
Cylinder Exp. Date: 03/15/2024

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14
Parameter: O2
System ID: 00U
Component ID: 051
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 03/22/17 09:58
Test Number: XML (051-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/22/17 09:33	13.080	13.090	0.000	0.1
03/22/17 09:43	13.080	13.090	0.000	0.1
03/22/17 09:55	13.080	13.010	0.100	0.5

Reference Mean: 13.080
Measured Mean: 13.063
Level Error: 0.1
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc274212
Cylinder Exp. Date: 01/12/2020
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm46375
Cylinder Exp. Date:

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/22/17 09:35	21.900	22.000	-0.100	0.5
03/22/17 09:47	21.900	22.030	-0.100	0.6
03/22/17 09:58	21.900	21.920	0.000	0.1

Reference Mean: 21.900
Measured Mean: 21.983
Level Error: 0.4
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: alm044207
Cylinder Exp. Date: 03/15/2024

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/22/17 09:29	5.940	5.900	0.000	0.7
03/22/17 09:40	5.940	5.940	0.000	0.0
03/22/17 09:52	5.940	6.010	-0.100	1.2

Reference Mean: 5.940
Measured Mean: 5.950
Level Error: 0.2
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #:
Cylinder Exp. Date:

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14
Parameter: NOXPPM
System ID: 00U
Component ID: 050
Span Value: 30.000
Span Scale Code: H

Test End Date/Time: 03/22/17 10:38
Test Number: XML (050-Q1-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
03/22/17 10:11	14.910	14.140	0.800	5.2
03/22/17 10:23	14.910	14.620	0.300	1.9
03/22/17 10:35	14.910	14.860	0.100	0.3

Reference Mean: 14.910
Measured Mean: 14.540
Level Error: 2.5
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc274212
Cylinder Exp. Date: 01/12/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
03/22/17 10:13	27.900	28.020	-0.100	0.4
03/22/17 10:25	27.900	28.390	-0.500	1.8
03/22/17 10:38	27.900	28.180	-0.300	1.0

Reference Mean: 27.900
Measured Mean: 28.197
Level Error: 1.1
APS Indicator: False
Gas Type Code: BALN,NO
Vendor Identifier:
Cylinder #: aal071712
Cylinder Exp. Date: 07/15/2019

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
03/22/17 10:08	7.500	7.200	0.300	4.0
03/22/17 10:19	7.500	7.260	0.200	3.2
03/22/17 10:30	7.500	7.760	-0.300	3.5

Reference Mean: 7.500
Measured Mean: 7.407
Level Error: 1.2
APS Indicator: False
Gas Type Code:
Vendor Identifier: A12011
Cylinder #: cc13025
Cylinder Exp. Date: 10/05/2019

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14
Parameter: NOXPPM
System ID: 00U
Component ID: 050
Span Value: 30.000
Span Scale Code: H

Test End Date/Time: 06/01/17 10:25
Test Number: XML (050-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **Pass**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/01/17 09:57	7.500	7.360	0.100	1.9
06/01/17 10:06	7.500	7.080	0.400	5.6
06/01/17 10:20	7.500	8.220	-0.700	9.6

Reference Mean: 7.500
Measured Mean: 7.553
Level Error: 0.7
APS Indicator: False
Gas Type Code:
Vendor Identifier: A12011
Cylinder #: cc13025
Cylinder Exp. Date: 10/05/2019

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/01/17 10:00	14.960	15.070	-0.100	0.7
06/01/17 10:11	14.960	14.240	0.700	4.8
06/01/17 10:23	14.960	16.390	-1.400	9.6

Reference Mean: 14.960
Measured Mean: 15.233
Level Error: 1.8
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc274212
Cylinder Exp. Date: 01/12/2020

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/01/17 10:02	27.620	25.700	1.900	7.0
06/01/17 10:14	27.620	26.850	0.800	2.8
06/01/17 10:25	27.620	26.910	0.700	2.6

Reference Mean: 27.620
Measured Mean: 26.487
Level Error: 4.1
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: cc422388
Cylinder Exp. Date: 02/07/2020

Linearity Test

Plant: MONROE ENERGY, LLC.

Report Period: 01/01/2017 00:00 Through 06/30/2017 23:59

Source: BOILER14
Parameter: O2
System ID: 00U
Component ID: 051
Span Value: 25.000
Span Scale Code: H

Test End Date/Time: 06/01/17 11:59
Test Number: XML (051-Q2-2017-1) / EDR (1)
Reason for Test: Periodic Quality Assurance
Test Result: **PassAPS**
Abbreviated?: No

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Low-Level				
06/01/17 11:28	5.940	6.610	-0.700	11.3
06/01/17 11:41	5.940	6.010	-0.100	1.2
06/01/17 11:53	5.940	6.200	-0.300	4.4

Reference Mean: 5.940
Measured Mean: 6.273
Level Error: 0.3
APS Indicator: True
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: ALM013392
Cylinder Exp. Date:

Injection Time	Reference Value	Measured Value	Difference	% of Reference
Mid-Level				
06/01/17 11:31	13.080	12.980	0.100	0.8
06/01/17 11:45	13.080	11.840	1.200	9.5
06/01/17 11:57	13.080	14.190	-1.100	8.5

Reference Mean: 13.080
Measured Mean: 13.003
Level Error: 0.6
APS Indicator: False
Gas Type Code: BALN,O2
Vendor Identifier: A12011
Cylinder #: alm46375
Cylinder Exp. Date:

Injection Time	Reference Value	Measured Value	Difference	% of Reference
High-Level				
06/01/17 11:34	21.910	22.000	-0.100	0.4
06/01/17 11:47	21.910	21.950	0.000	0.2
06/01/17 11:59	21.910	22.160	-0.300	1.1

Reference Mean: 21.910
Measured Mean: 22.037
Level Error: 0.6
APS Indicator: False
Gas Type Code:
Vendor Identifier:
Cylinder #: almo21855
Cylinder Exp. Date: 04/08/2023

Attachment 6

Responsible Official Certification

Monroe Energy, LLC
4101 Post Road
Trainer, PA 19061
(610) 364-8000

Responsible Official Certification

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

Jeffrey K. Warmann,
CEO & President