Desert View Power, Inc. an affiliate of

Greenleaf POWER

June 21, 2021

DVP-210012

Air Division Director

U.S. Environmental Protection Agency

Attn: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

Subject: Desert View Power Inc. 2nd Quarter CGA test results 2021

SCAQMD FILE # 100154

Permit No. CB-ROP 05-01

NSR 4-4-11; SE 87-01

Dear Sir:

In compliance with our permit, enclosed is the 2nd Quarter Cylinder Gas Audit (CGA) results for 2021, for Desert View Power Inc. The enclosed CGA was performed on June 1, 2021.

If you have questions or comments, please feel free to call me at (760)-262-1653.

Sincerely,

Jim Robertson

Plant Manager Greenleaf Power

62-300 Gene Welmas Dr | Mecca, CA 92254
(760)396-2554
www.greenleafpower.com

enclosure

cc: Chief, Stationary Source Division
California Air Resources Board
P.O. Box 2815
Sacramento, California 95814

Air Pollution Control Officer
Attn: Mr. Jack Cheng, AQAC Supervisor
SCAQMD File # 100154
South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, California 91765-4182

Director, Air Management Division
Attn: A-3-3
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105-3901

Desert View Power, Inc. an affiliate of

Greenleaf POWER

DVP-210030
December 21, 2021

Scott Connolly
Environmental Engineer, Enforcement and Compliance Assurance Division
75 Hawthorne St. (ENF-2-1)
San Francisco, CA 94105

Subject: Compliance Testing at Desert View Power
Permit No. CB-ROP 05-01
NSR 4-4-11; SE 87-01

Dear Mr. Connolly,

This letter is to inform you of the Intent to Test for annual emissions compliance testing on the two Fluidized Bed Boilers of the Desert View Power (DVP) facility. Additionally, we will be conducting our annual RATA of the continuous monitoring system (CEMS) during these time frames.

Attached is the test plan from our test contractor Montrose Air Quality Services of Santa Ana, California. Our tentative relative accuracy tests are 2/21/2022 through 2/25/2022 and compliance test dates are 4/04/22 through 4/08/22.

Please call if you have any comments or questions on this test plan and Intent to Test.

Best Regards,

Kevin Lawrence

Kevin Lawrence
Plant Manager
Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92554

MONTROSE
AIR QUALITY SERVICES

June 18, 2021

Mr. Kevin Lawrence
Desert View Power
62-300 Gene Welmas Drive
Mecca, California 92254-0758

Subject: Quarterly CGA Units 1 and 2
Report Number: W002AS-006514-RT-2492

Dear Kevin:

This letter presents the results of the Continuous Emission Monitoring System (CEMS) quarterly test audit conducted by Dave Wonderly of Montrose Air Quality Services, LLC (MAQS) on June 1, 2021. MAQS was contracted by Desert View Power to perform this audit. The program consists of a Cylinder Gas Audit (CGA) for Units 1 and 2 on the NO_x, CO, SO_2, and O_2 monitors in accordance with 40 CFR Part 60 Appendix F Section 5.1.2.

The CGA was comprised of challenging the entire unit CEMS as close to the tip of the probe as possible with NBS traceable gases of known concentration. The gases were injected at the probe through previously installed audit ports.

Two audit gases per monitor range were selected according to the requirements of Appendix F. Each monitor was challenged by each of its two gases at three separate times. The accuracy was calculated in two ways: (1) by the percent difference between the actual known gas concentration and the average value read by the monitor; and (2) the difference in ppm from actual known gas concentration and the average value read by the monitor. Results are shown in the attached tables (Tables 1 and 2).

The results of the CGA demonstrate that the CEMS was operating within the EPA quality assurance specification of either 15% accuracy or 5 ppm difference for all parameters. All data, including gas bottle certifications and monitor response data sheets, are provided as an attachment. If you have any questions or comments, please do not hesitate to call me at (714) 279-6777.

Sincerely,

Dave Wonderly
Client Project Manager
Montrose Air Quality Services, LLC

TABLE 1
CYLINDER GAS AUDIT RESULTS
UNIT 1
Desert View Power
June 1, 2021

Parameter	Accuracy, % of Gas Value	Accuracy Acceptance Criteria	Difference From Gas Value, ppm	Difference Acceptance Criteria	Status*
SO_2 Low Range (mid span)	0.2%	15%	0.04	5 ppm	Pass
SO_2 Low range (low span)	13.4%	15%	1.55	5 ppm	Pass
NO_x Low range (mid span)	1.3%	15%	0.72	5 ppm	Pass
NO_x Low range(low span)	3.6%	15%	0.90	5 ppm	Pass
CO Low Range (mid span)	1.9%	15%	1.08	5 ppm	Pass
CO Low Range (low span)	7.0%	15%	1.72	5 ppm	Pass
O_2 (mid span)	-0.2%	15%	N/A	N/A	Pass
O_2 (low span)	0.7%	15%	N/A	N/A	Pass
SO_2 High Range (mid span)	2.2%	15%	6.04	5 ppm	Pass
SO_2 High Range (low span)	7.0%	15%	8.74	5 ppm	Pass
NO_x High Range (mid span)	2.2%	15%	6.32	5 ppm	Pass
NO_x High Range (low span)	4.9%	15%	6.23	5 ppm	Pass
CO High Range (mid span)	1.9%	15%	5.14	5 ppm	Pass
CO High Range (low span)	6.6%	15%	8.11	5 ppm	Pass

*** Pass if accuracy less than 15% or within 5 ppm and O_2 accuracy is less than 15%**

TABLE 2
CYLINDER GAS AUDIT RESULTS
UNIT 2
Desert View Power
June 1, 2021

Parameter	Accuracy, % of Gas Value	Accuracy Acceptance Criteria	Difference From Gas Value, ppm	Difference Acceptance Criteria	Status*
SO_2 Low Range (mid span)	-4.6%	15%	-1.24	5 ppm	Pass
SO_2 Low range (low span)	-3.1%	15%	-0.36	5 ppm	Pass
NO_x Low range (mid span)	2.9%	15%	1.59	5 ppm	Pass
NO_x Low range(low span)	6.4%	15%	1.59	5 ppm	Pass
CO Low Range (mid span)	2.9%	15%	1.65	5 ppm	Pass
CO Low Range (low span)	12.9%	15%	3.19	5 ppm	Pass
O_2 (mid span)	-0.1%	15%	NA	NA	Pass
O_2 (low span)	-0.3%	15%	NA	NA	Pass
SO_2 High Range (mid span)	0.3%	15%	0.80	5 ppm	Pass
SO_2 High Range (low span)	4.2%	15%	5.22	5 ppm	Pass
NO_x High Range (mid span)	0.5%	15%	1.53	5 ppm	Pass
NO_x High Range (low span)	2.9%	15%	3.66	5 ppm	Pass
CO High Range (mid span)	2.8%	15%	7.66	5 ppm	Pass
CO High Range (low span)	7.4%	15%	9.16	5 ppm	Pass

*** Pass if accuracy less than 15% or within 5 ppm and O_2 accuracy is less than 15%**

CYLINDER GAS AUDIT
WORK SHEET

Client: Desert View Power
Location: Mecca

Unit No: 1
Data By: DW

Date: 6/1/2021

NORMAL RANGE

	NOx ppm		CO ppm		SO2 ppm		O2 %	
Reference Gas	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Concentration	25	54.5	24.7	56	11.6	26.7	4.91	9.53
Replicate								
1	26.04	55.06	26.48	57.10	12.83	26.56	5.07	9.50
2	25.65	55.28	26.33	56.97	13.01	26.67	4.88	9.51
3	26.01	55.33	26.46	57.16	13.61	27.00	4.88	9.52
Average	25.90	55.22	26.42	57.08	13.15	26.74	4.94	9.51
Difference, ppm	0.90	0.72	1.72	1.08	1.55	0.04	n/a	n/a
Accuracy	3.6%	1.3%	7.0%	1.9%	13.4%	0.2%	0.7%	-0.2%

Client: Desert View Power
Location: Mecca
Date: 6/1/2021

Unit No: 1
Data By: DW

HIGH RANGE

	NOx ppm		CO ppm		SO2 ppm	
Reference Gas	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Concentration	128.5	282	123.3	274	125	277.0
Replicate						
1	134.32	288.09	130.81	278.75	131.04	280.65
2	134.54	288.45	131.50	279.33	134.30	283.82
3	135.34	288.42	131.93	279.34	135.87	284.66
Average	134.73	288.32	131.41	279.14	133.74	283.04
Difference, ppm	6.23	6.32	8.11	5.14	8.74	6.04
Accuracy	4.9%	2.2%	6.6%	1.9%	7.0%	2.2%

Client: Desert View Power
Location: Mecca
Date: 6/1/2021

Unit No: 2
Data By: DW

CYLINDER GAS AUDIT
WORK SHEET

NORMAL RANGE

	NOx ppm		CO ppm		SO2 ppm		O2 %	
Reference Gas	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Concentration	25	54.5	24.7	56	11.6	26.7	4.91	9.53
Replicate								
1	26.61	55.97	28.21	57.84	10.89	25.33	4.85	9.52
2	26.44	55.99	27.92	57.52	11.24	25.32	4.91	9.52
3	26.72	56.31	27.53	57.58	11.59	25.73	4.92	9.52
Average	26.59	56.09	27.89	57.65	11.24	25.46	4.89	9.52
Difference, ppm	1.59	1.59	3.19	1.65	-0.36	-1.24	n/a	n/a
Accuracy	6.4%	2.9%	12.9%	2.9%	-3.1%	-4.6%	-0.3%	-0.1%

Client: Desert View Power
Location: Mecca
Date: 6/1/2021

Unit No: 2
Data By: DW

HIGH RANGE

	NOx ppm		CO ppm		SO2 ppm	
Reference Gas	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Concentration	128.5	282	123.3	274	125	277.0
Replicate						
1	131.50	283.05	131.82	281.34	127.14	275.33
2	132.22	283.72	132.52	281.66	131.09	278.69
3	132.77	283.82	133.03	281.97	132.43	279.37
				6.42		
Average	132.16	283.53	132.46	281.66	130.22	277.80
Difference, ppm	3.66	1.53	9.16	7.66	5.22	0.80
Accuracy	2.9%	0.5%	7.4%	2.8%	4.2%	0.3%

Client: **Desert View Power**
Location: **Mecca**
Date: 6/1/2021

Unit No: **Boiler 1&2**
Data By: **Dave Wonderly**

Instrument	NOx ppm Low Range		SO2 ppm Low Range		O2 %		CO ppm Low Range	
Range	100		50		25		100	
Gas Specification	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Min	20	50	20	50	4	8	20	50
Max	30	60	30	60	6	12	30	60
Units	% FS	% FS	% FS	% FS	% O2	% O3	% FS	% FS
Gas Requirement	ppm NOx	ppm NOx	ppm SO2	ppm SO2	% O2	% O2	ppm CO	ppm CO
Min	**20**	**50**	**10**	**25**	**4**	**8**	**20**	**50**
Max	**30**	**60**	**15**	**30**	**6**	**12**	**30**	**60**
Gas Used	25	54.5	11.6	26.7	4.91	9.53	24.7	56
% of Range	25%	55%	23%	53%	20%	38%	25%	56%
Status	OK	OK	OK	OK	OK	OK	OK	OK
Cylinder No.	DT0009166	CC707445	DT0009166	CC707445	CC266232	CC505998	DT0009166	CC707445

Instrument	NOx ppm High Range		SO2 ppm High Range		CO ppm High Range	
Range	500		500		500	
Gas Specification	Point 1	Point 2	Point 1	Point 2	Point 1	Point 2
Min	20	50	20	50	20	50
Max	30	60	30	60	30	60
Units	% FS	% FS	% FS	% FS	% FS	% FS
Gas Requirement	ppm NOx	ppm NOx	ppm SO2	ppm SO2	ppm CO	ppm CO
Min	**100**	**250**	**100**	**250**	**100**	**250**
Max	**150**	**300**	**150**	**300**	**150**	**300**
Gas Used	128.5	282	125	277	123.3	274
% of Range	26%	56%	25%	55%	25%	55%
Status	OK	OK	OK	OK	OK	OK
Cylinder No.	CC74949	CC169801	CC74949	CC169801	CC74949	CC169801

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DocNumber: 361965

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

Certificate Issuance Date: 02/01/2021
Praxair Order Number: 32032487
Part Number: NI CO25MNS11EAS
Customer PO Number: verbal: LUIS

Fill Date: 01/19/2021
Lot Number: 70086101908
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date:	02/01/2024	NIST Traceable
Cylinder Number:	DT0009166	Expanded Uncertainty
24.7 ppm	Carbon monoxide	± 0.1 ppm
24.9 ppm	Nitric oxide	± 0.1 ppm
11.6 ppm	Sulfur dioxide	± 0.1 ppm
Balance	Nitrogen	

For Reference Only: *NOx 25.0 ppm*

Certification Information: *Certification Date:* 02/01/2021 *Term:* 36 Months *Expiration Date:* 02/01/2024

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. ***Component:*** **Carbon monoxide**

Requested Concentration: 25 ppm
Certified Concentration: 24.7 ppm
Instrument Used: Horiba VIA-510 S/N 43627990042
Analytical Method: NDIR
Last Multipoint Calibration: 12/29/2020

First Analysis Data:							Date	01/25/2021
Z:	0	R:	24.5	C:	24.6	Conc:	24.6	
R:	24.4	Z:	0	C:	24.7	Conc:	24.7	
Z:	0	C:	24.7	R:	24.6	Conc:	24.7	
UOM:	ppm				Mean Test Assay:		24.7	ppm

Reference Standard: Type / Cylinder #: GMIS / CC139413
Concentration / Uncertainty: 24.49 ppm ±0.05 ppm
Expiration Date: 10/01/2028
Traceable to: SRM # / Sample # / Cylinder #: SRM 2635a / 58-E-34 / FF10666
SRM Concentration / Uncertainty: 24.612 ppm / ±0.029 ppm
SRM Expiration Date: 03/28/2021

Second Analysis Data:							Date	
Z:	0	R:	0	C:	0	Conc:	0	
R:	0	Z:	0	C:	0	Conc:	0	
Z:	0	C:	0	R:	0	Conc:	0	
UOM:	ppm				Mean Test Assay:			ppm

2. ***Component:*** **Nitric oxide**

Requested Concentration: 25 ppm
Certified Concentration: 24.9 ppm
Instrument Used: Thermo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/11/2021

First Analysis Data:							Date	01/25/2021
Z:	0	R:	49	C:	24.9	Conc:	24.9	
R:	49	Z:	0	C:	25	Conc:	25	
Z:	0	C:	25	R:	48.9	Conc:	25	
UOM:	ppm				Mean Test Assay:		25	ppm

Reference Standard: Type / Cylinder #: GMIS / DT0037997
Concentration / Uncertainty: 48.95 ppm ±0.21 ppm
Expiration Date: 01/07/2029
Traceable to: SRM # / Sample # / Cylinder #: PRM / C1765710.01 / APEX1324323
SRM Concentration / Uncertainty: 50.04 PPM ±0.20 PPM
SRM Expiration Date: 11/09/2022

Second Analysis Data:							Date	02/01/2021
Z:	0	R:	49	C:	24.9	Conc:	24.9	
R:	49	Z:	0	C:	24.8	Conc:	24.8	
Z:	0	C:	24.9	R:	48.8	Conc:	24.9	
UOM:	ppm				Mean Test Assay:		24.9	ppm

3. ***Component:*** **Sulfur dioxide**

Requested Concentration: 12 ppm
Certified Concentration: 11.6 ppm
Instrument Used: Ametek 921CE S/N AW-921-S321
Analytical Method: UV Spectrometry
Last Multipoint Calibration: 01/11/2021

First Analysis Data:							Date	01/25/2021
Z:	0	R:	50.7	C:	11.5	Conc:	11.5	
R:	50.7	Z:	0	C:	11.6	Conc:	11.6	
Z:	0	C:	11.6	R:	50.6	Conc:	11.6	
UOM:	ppm				Mean Test Assay:		11.6	ppm

Reference Standard: Type / Cylinder #: GMIS / CT0028968
Concentration / Uncertainty: 50.74 ppm ±0.30 ppm
Expiration Date: 09/09/2023
Traceable to: SRM # / Sample # / Cylinder #: SRM 1693a / 96-N-31 / FF25489
SRM Concentration / Uncertainty: 50.23 ppm ±0.28 ppm
SRM Expiration Date: 11/04/2019

Second Analysis Data:							Date	02/01/2021
Z:	0	R:	50.7	C:	11.6	Conc:	11.6	
R:	50.8	Z:	0	C:	11.6	Conc:	11.6	
Z:	0	C:	11.6	R:	50.8	Conc:	11.5	
UOM:	ppm				Mean Test Assay:		11.6	ppm

Analyzed By Henry Koung

Certified By Leeanna Flores

LO 2-10-2021

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc. arising out of the use of the information contained herein exceed the fee established for providing such information.

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DocNumber: 362780

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Certificate Issuance Date: 02/09/2021
Praxair Order Number: 32032487
Part Number: NI CO55MNS10EAS
Customer PO Number: VERBAL: LUIS

Fill Date: 01/26/2021
Lot Number: 70086102602
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 ft3

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

Certified Concentration

ProSpec EZ Cert

Expiration Date:	02/09/2025	NIST Traceable
Cylinder Number:	CC707445	Expanded Uncertainty
56.0 ppm	Carbon monoxide	± 0.2 ppm
54.3 ppm	Nitric oxide	± 0.2 ppm
26.7 ppm	Sulfur dioxide	± 0.2 ppm
Balance	Nitrogen	

For Reference Only: *NOx 54.5 ppm*

Certification Information: *Certification Date:* 02/09/2021 *Term:* 48 Months *Expiration Date:* 02/09/2025

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. ***Component:*** **Carbon monoxide**

Requested Concentration: 55 ppm
Certified Concentration: 56.0 ppm
Instrument Used: Horiba VIA-510 S/N 43627990042
Analytical Method: NDIR
Last Multipoint Calibration: 01/29/2021

First Analysis Data:						Date	02/02/2021
Z:	0	R:	48.8	C:	55.9	Conc:	55.9
R:	48.7	Z:	0	C:	56.1	Conc:	56.1
Z:	0	C:	56	R:	48.8	Conc:	56
UOM:	ppm					Mean Test Assay:	56 ppm

Reference Standard: Type / Cylinder #: GMIS / SA6217
Concentration / Uncertainty: 48.8 ppm ±0.1 ppm
Expiration Date: 06/07/2026
Traceable to: SRM # / Sample # / Cylinder #: SRM 1678c / 04-L-41 / FF18402
SRM Concentration / Uncertainty: 49.136 ppm / ±0.065ppm
SRM Expiration Date: 02/04/2021

Second Analysis Data:						Date	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	ppm					Mean Test Assay:	ppm

2. ***Component:*** **Nitric oxide**

Requested Concentration: 55 ppm
Certified Concentration: 54.3 ppm
Instrument Used: Thermo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/11/2021

First Analysis Data:						Date	02/02/2021
Z:	0	R:	49	C:	54.2	Conc:	54.2
R:	49	Z:	0	C:	54.3	Conc:	54.3
Z:	0	C:	54.3	R:	48.9	Conc:	54.3
UOM:	ppm					Mean Test Assay:	54.2 ppm

Reference Standard: Type / Cylinder #: GMIS / DT0037997
Concentration / Uncertainty: [illegible] ppm
Expiration Date: [illegible]
Traceable to: SRM # / Sample # / Cylinder #: PRM / C1765710.01 / APE[illegible]324323
SRM Concentration / Uncertainty: 50.04 PPM / ±0.20 PPM
SRM Expiration Date: [illegible]

Second Analysis Data:						Date	02/09/2021
Z:	0	R:	49	C:	54.5	Conc:	54.5
R:	48.9	Z:	0	C:	[illegible]	Conc:	54.4
Z:	0	C:	54.5	R:	[illegible]	Conc:	[illegible]
UOM:	ppm					Mean Test Assay:	[illegible] ppm

3. ***Component:*** **Sulfur dioxide**

Requested Concentration: 27 ppm
Certified Concentration: 26.7 ppm
Instrument Used: Ametek 921CE S/N AW-921-S321
Analytical Method: UV Spectrometry
Last Multipoint Calibration: 01/11/2021

First Analysis Data:						Date	02/02/2021
Z:	0	R:	50.7	C:	26.6	Conc:	26.6
R:	50.7	Z:	0	C:	26.7	Conc:	26.7
Z:	0	C:	26.7	R:	50.6	Conc:	26.7
UOM:	ppm					Mean Test Assay:	26.7 ppm

Reference Standard: Type / Cylinder #: GMIS / DT0028968
Concentration / Uncertainty: [illegible] ppm
Expiration Date: [illegible]
Traceable to: SRM # / Sample # / Cylinder #: SRM 1693a / 96-N-31 / FF25489
SRM Concentration / Uncertainty: 50.21 ppm / ±0.28 ppm
SRM Expiration Date: [illegible] 2019

Second Analysis Data:						Date	02/09/2021
Z:	0	R:	50.6	C:	26.6	Conc:	26.6
R:	50.7	Z:	0	C:	26.6	Conc:	26.6
Z:	0	C:	26.7	R:	50.7	Conc:	26.7
UOM:	ppm					Mean Test Assay:	[illegible] ppm

Analyzed By Henry Koung

Certified By Leeanna Flores
LO 2/15/2021

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information contained herein exceed the fee established for providing such information.

PRAXAIR

DocNumber: 000119814

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Tel:(323)585-2154 Fax:(714)542-6689
PGVP ID: F22018

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

CO-123.3 ppm
VOX-128.5 ppm
O2-125.0 ppm
C74949
XP-2-5-26
F22018

Praxair Order Number: 70478952
Customer PO Number:
Customer Reference Number:

Fill Date: 1/25/2018
Part Number: NI CO125NS4E-AS
Lot Number: 70088802507
Cylinder Style and Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 cu. ft.

Certified Concentration:

Expiration Date:		02/05/2026	NIST Traceable
Cylinder Number:		CC74949	Expanded Uncertainty:
123.3	ppm	CARBON MONOXIDE	± 0.4 %
128.5	ppm	NITRIC OXIDE	± 0.7 %
125	ppm	SULFUR DIOXIDE	± 1.0 %
	Balance	NITROGEN	

NOx ppm = 128.5 ppn

NOX for Reference Only

Certification Information:

Certification Date : 2/5/2018 *Term :* 96 Months *Expiration Date :* 02/05/2026

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1.
Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1 . Component: CARBON MONOXIDE

Requested Concentration: 125 ppm
Certified Concentration: 123.3 ppm
Instrument Used: HORIBA, VIA-510 576 876 015
Analytical Method: NDIR
Last Multipoint Calibration: 01/02/2018

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC243660
Ref. Std. Conc: 102.2 ppm
Ref. Std. traceable to SRM #: 1679c
SRM Sample #: 3-I-46
SRM Cylinder #: FF28593

First Analysis Data:						Date:	01/29/2015
Z:	0	R:	102.2	C:	123.4	Conc:	123.3
R:	102.3	Z:	0	C:	123.5	Conc:	123.4
Z:	0	C:	123.5	R:	102.3	Conc:	123.3
UOM:	ppm					Mean Test Assay:	123.3 ppm

Second Analysis Data:						Date:	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	ppm					Mean Test Assay:	0 ppm

2 . Component: NITRIC OXIDE

Requested Concentration: 125 ppm
Certified Concentration: 128.5 ppm
Instrument Used: Thermo Electron 42i S/N 072602432C
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/29/2018

Reference Standard Type: NTRM
Ref. Std. Cylinder #: CC336497
Ref. Std. Conc: 100.4 ppm
Ref. Std. traceable to SRM #: 1684b
SRM Sample #: 44-T-83
SRM Cylinder #: FF9258

First Analysis Data:						Date:	01/29/2018
Z:	0	R:	100.4	C:	128.4	Conc:	128.4
R:	100.4	Z:	0	C:	128.3	Conc:	128.3
Z:	0	C:	128.3	R:	100.4	Conc:	128.1
UOM:	ppm					Mean Test Assay:	128.3 ppm

Second Analysis Data:						Date:	02/05/2018
Z:	0	R:	100.4	C:	128.9	Conc:	128.9
R:	100.3	Z:	0	C:	128.7	Conc:	128.7
Z:	0	C:	128.7	R:	100.3	Conc:	128.7
UOM:	ppm					Mean Test Assay:	128.8 ppm

3 . Component: SULFUR DIOXIDE

Requested Concentration: 125 ppm
Certified Concentration: 125 ppm
Instrument Used: HORIBA, VIA-510, 6203551011
Analytical Method: NDIR
Last Multipoint Calibration: 01/27/2018

Reference Standard Type: NTRM
Ref. Std. Cylinder #: SA15531
Ref. Std. Conc: 95.17 ppm
Ref. Std. traceable to SRM #: 120702
SRM Sample #: 12070204
SRM Cylinder #:

First Analysis Data:						Date:	01/29/2018
Z:	0	R:	95.2	C:	125.6	Conc:	125.4
R:	95.3	Z:	0	C:	125.4	Conc:	125.2
Z:	0	C:	125.4	R:	95.3	Conc:	125.1
UOM:	ppm					Mean Test Assay:	125.3 ppm

Second Analysis Data:						Date:	02/05/2018
Z:	0	R:	95.2	C:	124.7	Conc:	124.7
R:	95.1	Z:	0	C:	124.6	Conc:	124.6
Z:	0	C:	124.6	R:	95.1	Conc:	124.7
UOM:	ppm					Mean Test Assay:	124.7 ppm

Analyzed by: Leeanna Rodriguez

Certified by: Quinn Hailes

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specified analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc. arising out of the use of the information contained herein exceed the fee established for providing such information.

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AC 2-13-18

PRAXAIR

DocNumber: 000119815

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Tel:(323)585-2154 Fax:(714)542-6689
PGVP ID: F22018

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

Praxair Order Number: 70478952
Customer PO Number:
Customer Reference Number:

Fill Date: 1/25/2018
Part Number: NI CO275NS1E-AS
Lot Number: 70086802508
Cylinder Style and Outlet: AS CGA 660
Cylinder Pressure and Volume: 2000 psig 140 cu. ft.

CO-274 ppm
VOX-282 ppm
SO_2-277 ppm
C169801
EXP-2-5-26
F22018

Certified Concentration:

Expiration Date:	02/05/2026	NIST Traceable Expanded Uncertainty
Cylinder Number:	CC169801	
274 ppm	CARBON MONOXIDE	± 0.7 %
282 ppm	NITRIC OXIDE	± 0.3 %
277 ppm	SULFUR DIOXIDE	± 0.6 %
Balance	NITROGEN	

NOx ppm = 282 ppm NOX for Reference Only

Certification Information: Certification Date: 2/5/2018 Term: 96 Months Expiration Date: 02/05/2026

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1.
Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data: (R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. Component: CARBON MONOXIDE

Requested Concentration: 275 ppm
Certified Concentration: 274 ppm
Instrument Used: HORIBA, VIA-510 576 876 015
Analytical Method: NDIR
Last Multipoint Calibration: 01/02/2018

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC243385
Ref. Std. Conc: 248.5 ppm
Ref. Std. traceable to SRM #: 2636a
SRM Sample #: 57-E-28
SRM Cylinder #: FF23380

First Analysis Data:						Date: 01/29/2015	
Z:	0	R:	248.5	C:	275	Conc:	275
R:	248.4	Z:	0	C:	274	Conc:	274
Z:	0	C:	274	R:	248.4	Conc:	274
UOM:	ppm				Mean Test Assay:	274	ppm

Second Analysis Data:						Date:	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	ppm				Mean Test Assay:	0	ppm

2. Component: NITRIC OXIDE

Requested Concentration: 275 ppm
Certified Concentration: 282 ppm
Instrument Used: Thermo Electron 42i S/N 0726024320
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 01/29/2018

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC2744
Ref. Std. Conc: 253.2 ppm
Ref. Std. traceable to SRM #: 1685b
SRM Sample #: 43-M-28
SRM Cylinder #: FF20734

First Analysis Data:						Date: 01/29/2018	
Z:	0	R:	253	C:	283	Conc:	283
R:	253	Z:	0	C:	284	Conc:	284
Z:	0	C:	284	R:	253	Conc:	281
UOM:	ppm				Mean Test Assay:	283	ppm

Second Analysis Data:						Date: 02/05/2018	
Z:	0	R:	253	C:	281	Conc:	280
R:	254	Z:	0	C:	282	Conc:	281
Z:	0	C:	282	R:	254	Conc:	280
UOM:	ppm				Mean Test Assay:	281	ppm

3. Component: SULFUR DIOXIDE

Requested Concentration: 275 ppm
Certified Concentration: 277 ppm
Instrument Used: HORIBA, VIA-510, 5203551011
Analytical Method: NDIR
Last Multipoint Calibration: 01/27/2018

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC121190
Ref. Std. Conc: 495.4 ppm
Ref. Std. traceable to SRM #: 1661a
SRM Sample #: 94-I-18
SRM Cylinder #: FF22304

First Analysis Data:						Date: 01/29/2018	
Z:	0	R:	495.4	C:	276.6	Conc:	277
R:	495.4	Z:	0	C:	276.6	Conc:	277
Z:	0	C:	276.6	R:	495.4	Conc:	276
UOM:	ppm				Mean Test Assay:	276	ppm

Second Analysis Data:						Date: 02/05/2018	
Z:	0	R:	495.4	C:	276.2	Conc:	276
R:	495.2	Z:	0	C:	276.6	Conc:	277
Z:	0	C:	276.6	R:	495.2	Conc:	277
UOM:	ppm				Mean Test Assay:	277	ppm

Analyzed by: Leeanna Rodriguez

Certified by: Quinn Hailes

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AC 2-13-18

PRAXAIR
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DocNumber: 340996

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

Certificate Issuance Date: 01/14/2021
Praxair Order Number: 30979247
Part Number: EV NICDOXE53-AS
Customer PO Number: verbal: Mike Miller

Fill Date: 01/04/2021
Lot Number: 70086100406
Cylinder Style & Outlet: AS CGA 580
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date:	01/14/2029	NIST Traceable
Cylinder Number:	CC266232	Expanded Uncertainty
10.03 %	Carbon dioxide	± 0.05 %
4.91 %	Oxygen	± 0.02 %
Balance	Nitrogen	

Certification Information:

Certification Date: 01/14/2021 *Term:* 96 Months *Expiration Date:* 01/14/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1 Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

O2 responses have been corrected for CO2 interference. CO2 responses have been corrected for Oxygen IR Broadening effect

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. *Component:* Carbon dioxide

Requested Concentration: 10 %
Certified Concentration: 10.03 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 12/23/2020

First Analysis Data:			Date 01/14/2021
Z: 0	R: 16.02	C: 10.03	Conc: 10.03
R: 16.02	Z: 0	C: 10.03	Conc: 10.03
Z: 0	C: 10.03	R: 16.02	Conc: 10.03
UOM: %		Mean Test Assay:	10.03 %

Reference Standard: Type / Cylinder #: GMIS / CC134179
Concentration / Uncertainty: 16.02 % ±0.05 %
Expiration Date: 07/10/2022
Traceable to: SRM # / Sample # / Cylinder #: SRM 1675b / 6-F-51 / CAL014538
SRM Concentration / Uncertainty: 13.963% / ±0.034%
SRM Expiration Date: 05/16/2022

Second Analysis Data:			Date
Z: 0	R: 0	C: 0	Conc: 0
R: 0	Z: 0	C: 0	Conc: 0
Z: 0	C: 0	R: 0	Conc: 0
UOM: %		Mean Test Assay:	%

2. *Component:* Oxygen

Requested Concentration: 5 %
Certified Concentration: 4.91 %
Instrument Used: 7MB20211AA000CA1
Analytical Method: Paramagnetic
Last Multipoint Calibration: 12/18/2020

First Analysis Data:			Date 01/14/2021
Z: 0	R: 9.875	C: 4.91	Conc: 4.91
R: 9.875	Z: 0	C: 4.91	Conc: 4.91
Z: 0	C: 4.91	R: 9.875	Conc: 4.91
UOM: %		Mean Test Assay:	4.91 %

Reference Standard: Type / Cylinder #: NTRM / DT0010287
Concentration / Uncertainty: 9.875 % ±0.040 %
Expiration Date: 11/18/2022
Traceable to: SRM # / Sample # / Cylinder #: NTRM / 170701 / DT0010287
SRM Concentration / Uncertainty: 9.875% / ±0.040%
SRM Expiration Date: 11/18/2022

Second Analysis Data:			Date
Z: 0	R: 0	C: 0	Conc: 0
R: 0	Z: 0	C: 0	Conc: 0
Z: 0	C: 0	R: 0	Conc: 0
UOM: %		Mean Test Assay:	%

Analyzed By Nelson Ma Nelson Ma

Certified By Ying Yu

O_2 4.91
CO_2 10.03
CC 266232
Exp 1-14-2029
F22021

LO 1-29-2021

Information contained herein is based on our records and is believed to be correct within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information contained herein exceed the fee established for providing such information.

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DocNumber: 407691

Praxair Distribution, Inc.
5700 S. Alameda Street
Los Angeles CA 90058
Tel: 323-585-2154
Fax: 714-542-6689
PGVP ID: F22021

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Montrose Air Quality Services, LLC
1631 E. St. Andrew Pl.
Santa Ana, CA 92705

Certificate Issuance Date: 04/13/2021
Praxair Order Number: 71636895
Part Number: NI CD19O5E-AS
Customer PO Number: 79634275

Fill Date: 04/05/2021
Lot Number: 70086109504
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure and Volume: 2000 psig 140 ft3

Certified Concentration

ProSpec EZ Cert

Expiration Date:	04/13/2029	NIST Traceable
Cylinder Number:	CC505998	Expanded Uncertainty
19.07 %	Carbon dioxide	± 0.07 %
9.53 %	Oxygen	± 0.04 %
Balance	Nitrogen	

Certification Information:

Certification Date: 04/13/2021 *Term:* 96 Months *Expiration Date:* 04/13/2029

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Uncertainty above is expressed as absolute expanded uncertainty at a level of confidence of approximately 95% with a coverage factor k = 2. Do Not Use this Standard if Pressure is less than 100 PSIG.

CO2 responses have been corrected for Oxygen IR Broadening effect. O2 responses have been corrected for CO2 interference.

Analytical Data:

(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)

1. *Component:* Carbon dioxide

Requested Concentration: 19 %
Certified Concentration: 19.07 %
Instrument Used: Horiba VIA-510 S/N 20C194WK
Analytical Method: NDIR
Last Multipoint Calibration: 03/22/2021

First Analysis Data:							Date	04/13/2021
Z:	0	R:	19.92	C:	19.07		Conc:	19.07
R:	19.92	Z:	0	C:	19.08		Conc:	19.08
Z:	0	C:	19.08	R:	19.93		Conc:	19.08
UOM:	%					Mean Test Assay:		19.07 %

Reference Standard: Type / Cylinder #: GMIS / CC188344
Concentration / Uncertainty: 19.92 % ±0.08 %
Expiration Date: 02/20/2026
Traceable to: SRM # / Sample # / Cylinder #: RGM / N/A / CC28033
SRM Concentration (enter with units) / 19.67% / ±0.04%
SRM Expiration Date: 07/15/2021

Second Analysis Data:							Date	
Z:	0	R:	0	C:	0		Conc:	0
R:	0	Z:	0	C:	0		Conc:	0
Z:	0	C:	0	R:	0		Conc:	0
UOM:	%					Mean Test Assay:		%

2. *Component:* Oxygen

Requested Concentration: 9.5 %
Certified Concentration: 9.53 %
Instrument Used: 7MB20211AA000CA1
Analytical Method: Paramagnetic
Last Multipoint Calibration: 03/18/2021

First Analysis Data:							Date	04/13/2021
Z:	0	R:	9.88	C:	9.53		Conc:	9.52
R:	9.88	Z:	0	C:	9.53		Conc:	9.52
Z:	0	C:	9.54	R:	9.89		Conc:	9.53
UOM:	%					Mean Test Assay:		9.53 %

Reference Standard: Type / Cylinder #: NTRM / DT0010287
Concentration / Uncertainty: 9.875 % ±0.040 %
Expiration Date: 11/18/2022
Traceable to: SRM # / Sample # / Cylinder #: NTRM / 170701 / DT0010287
SRM Concentration (enter with units) / 9.875% / ±0.040%
SRM Expiration Date: 11/18/2022

Second Analysis Data:							Date	
Z:	0	R:	0	C:	0		Conc:	0
R:	0	Z:	0	C:	0		Conc:	0
Z:	0	C:	0	R:	0		Conc:	0
UOM:	%					Mean Test Assay:		%

Analyzed By Jose Vasquez

Certified By Armando Ra[illegible]

O2 9.53
CO2 19.07
CC505998
EXP. 4-[redacted]13-2029
F22021

LO 5-10-2021

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CYLINDER GAS AUDIT
WORK SHEET

CeDAR 1-Minute Data
Data for 6/1/2021 7:38 AM thru 6/1/2021 9:01 AM

Timestamp	(Boiler 1) NOx ppm 1-Min	(Boiler 1) SO2 ppm 1-Min	(Boiler 1) CO ppm 1-Min	(Boiler 1) O2% 1-Min	(Boiler 2) NOx ppm 1-Min	(Boiler 2) SO2 ppm 1-Min	(Boiler 2) CO ppm 1-Min	(Boiler 2) O2% 1-Min
6/1/2021 7:38	61.56	10.51	3.76	8.52	31.38	4.61	5.29	8.92
6/1/2021 7:39	40.68	13.28	26.37	6	39.33	10.27	23.82	5.57
6/1/2021 7:40	51.77	23.64	53.54	0.1	53.46	22.61	55.66	0.18
6/1/2021 7:41	26.41	14.26	27.22	0	27.4	12.02	29.42	0.02
6/1/2021 7:42	25.66	13.08	26.7	0	26.24	11.1	28.25	0.02
6/1/2021 7:43	26.04	12.83	26.48	0	26.61	10.89	28.21	0.02
6/1/2021 7:44	30.23	14.07	31.09	0	29.48	12.26	31.36	0.01
6/1/2021 7:45	54.84	24.48	56.65	0	54.91	23.5	57.16	0.01
6/1/2021 7:46	55.05	26.08	57.01	0	55.97	24.96	57.93	0.01
6/1/2021 7:47	55.06	26.56	57.1	0	56.17	25.33	57.84	0.01
6/1/2021 7:48	45.43	23.21	46.56	0	47.84	21.99	49.49	0.01
6/1/2021 7:49	25.66	14.34	26.62	0	26.8	12.29	28.12	0
6/1/2021 7:50	25.63	13.37	26.49	0	26.68	11.55	27.88	0
6/1/2021 7:51	25.65	13.01	26.33	0	26.44	11.24	27.92	0
6/1/2021 7:52	35.61	16.34	36.71	0	34.86	14.56	36.58	0
6/1/2021 7:53	54.64	25.46	56.75	0	55.85	24.45	57.39	0
6/1/2021 7:54	55.07	26.44	56.98	0	55.91	25.1	57.59	0
6/1/2021 7:55	55.28	26.67	56.97	0	55.99	25.32	57.52	0
6/1/2021 7:56	44.34	23.04	45.42	0	46.97	21.67	48.19	0
6/1/2021 7:57	25.97	14.43	26.46	0	26.59	12.35	27.81	0
6/1/2021 7:58	26.01	13.61	26.44	0	26.72	11.59	27.53	0
6/1/2021 7:59	34.04	15.95	35.07	0	33.39	14.15	34.63	0
6/1/2021 8:00	55.87	25.67	57.13	0	55.71	24.46	57.32	0
6/1/2021 8:01	55.65	26.81	57.17	0	56.18	25.37	57.62	0
6/1/2021 8:02	55.33	27	57.16	0	56.31	25.73	57.58	0
6/1/2021 8:03	56.7	28.46	58.48	0	56.58	27.1	58.14	0
6/1/2021 8:04	110.73	93.53	107.75	0.51	119.02	103.2	118.95	0.01
6/1/2021 8:05	119.26	107.8	111.27	1.15	130.66	120.98	130.74	0
6/1/2021 8:06	119.06	109.96	111.53	1.17	130.73	123.31	130.88	0
6/1/2021 8:07	117.77	110.99	111.85	1.25	131.03	124.48	130.91	0
6/1/2021 8:08	116.79	111.3	111.58	1.29	130.87	125.55	130.93	0
6/1/2021 8:09	127.84	123.08	122.33	0.62	131.09	125.93	131.06	0
6/1/2021 8:10	132.91	129.45	129.71	0	130.88	125.88	130.99	0
6/1/2021 8:11	134.32	131.04	130.81	0	131.5	127.14	131.82	0
6/1/2021 8:12	206.56	200.58	200.94	0	175.7	174.26	176.01	0
6/1/2021 8:13	287.63	276.34	278.42	0	282.32	269.17	280.35	0.01
6/1/2021 8:14	288.09	280.65	278.75	0	283.05	275.33	281.34	0
6/1/2021 8:15	224.08	219.85	216.68	0	244.04	235.27	242.65	0
6/1/2021 8:16	135.31	139.46	131.67	0	132.9	137.62	133.36	0
6/1/2021 8:17	134.99	135.53	131.4	0	132.16	132.57	132.35	0
6/1/2021 8:18	134.54	134.3	131.5	0	132.22	131.09	132.52	0
6/1/2021 8:19	205.82	202.41	200.22	0	176.66	177.88	176.64	0

CYLINDER GAS AUDIT
WORK SHEET

6/1/2021 8:20	287.88	277.59	278.92	0	282.31	271.65	280.8	0
6/1/2021 8:21	288.64	281.8	279.12	0	282.98	276.69	281.7	0
6/1/2021 8:22	288.45	283.82	279.33	0	283.72	278.69	281.66	0
6/1/2021 8:23	223.73	221.6	216.67	0	244.04	236.73	242.71	0
6/1/2021 8:24	135.79	141.64	132.17	0	133.75	139.55	134.1	0
6/1/2021 8:25	135.35	137.27	131.99	0	132.66	134.39	133.07	0
6/1/2021 8:26	135.34	135.87	131.93	0	132.77	132.43	133.03	0
6/1/2021 8:27	204.12	202.02	198.59	0	174.36	176.92	174.68	0
6/1/2021 8:28	287.8	278.66	278.92	0	282.85	272.15	281.02	0
6/1/2021 8:29	288.06	283	279.23	0	283.8	278.01	281.87	0
6/1/2021 8:30	288.42	284.66	279.34	0	283.82	279.37	281.97	0
6/1/2021 8:31	228.91	225.01	220.67	0.68	259.05	248.17	256.08	0.47
6/1/2021 8:32	18.9	39.77	18.09	4.25	16.98	31.45	17	4.04
6/1/2021 8:33	8.63	17.72	8.12	5.02	6.69	16.18	8.4	4.82
6/1/2021 8:34	6.44	11.92	6.02	5.07	4.84	10.45	6.7	4.85
6/1/2021 8:35	16.74	11.3	7.07	6.12	5.46	8.29	5.99	5.36
6/1/2021 8:36	24.07	10.03	5.58	9	11.34	8.72	6.42	8.84
6/1/2021 8:37	5.74	6.96	5.59	9.49	3.72	4.16	6.02	9.49
6/1/2021 8:38	3.08	5.47	5.6	9.5	3.9	3.14	5.86	9.52
6/1/2021 8:39	2.8	4.62	5.14	8.1	3.32	2.31	5.53	8.46
6/1/2021 8:40	1.72	4.09	4.24	5.01	2.73	1.75	4.67	5.17
6/1/2021 8:41	2.06	3.72	4.27	4.88	2.81	1.23	4.65	4.92
6/1/2021 8:42	1.44	3.38	4.29	4.88	2.65	0.95	4.63	4.91
6/1/2021 8:43	1.79	3.32	4.82	6.25	2.68	0.84	4.97	5.96
6/1/2021 8:44	3.03	3.26	5.63	9.37	3.44	0.73	5.8	9.26
44348.36458	2.32	3.02	5.62	9.5	3.22	0.59	5.81	9.52
44348.36528	2.57	2.91	5.74	9.51	3.55	0.57	5.93	9.52
44348.36597	2.09	2.75	5.29	8.22	3.33	0.27	5.63	8.55
44348.36667	1.22	2.49	4.34	5.05	2.57	0	4.81	5.23
44348.36736	1.04	2.33	4.49	4.89	2.52	0.01	4.75	4.92
44348.36806	1.38	2.3	4.53	4.88	2.62	0	4.7	4.92
44348.36875	1.59	2.39	4.71	5.44	2.68	0	4.79	5.28
44348.36944	2.67	2.58	5.9	8.9	3.29	0	5.95	8.66
44348.37014	2.26	2.47	5.94	9.51	3.46	0	6.01	9.52
44348.37083	2.62	2.43	6.07	9.52	3.1	0	5.94	9.52
44348.37153	2.29	2.26	5.99	9.53	3.37	0.04	6.08	9.52
44348.37222	18.57	3.58	5.84	9.37	16.44	2.48	5.83	9.26
44348.37292	32.41	6.02	5.18	9.55	27.5	6.5	5.11	9.61
44348.37361	40.02	6.98	5.22	9.2	21.58	3.45	5.26	10.05

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