INTOXILYZER® 8000 INSPECTION

Intoxilyzer® 8000 Serial Number: 80-005949 Location: TOXL

A. General Setup and Checks:
1. ☒ Diagnostic Tests Pass and Instrument in Ready Mode
2. ☒ Breath tube heated
3. ☒ Date, time and location code (Level 2,E). Re-set if necessary.
4. ☒ Print test (Level 1,P). Sign and attach test record.
5. ☒ Tank monitor (Level 3,D,G). Display and Regulator within 50 psi.
   a. Display: 749 psi Regulator: 750 psi

B. Tests (Sign and attach test records):
☒ Configure simulator for the following tests (Level 1,S).
1. Wet Calibration Check
   a. ☒ Low AC (Level 1,C): Known Value ≤ 0.03 AC: 0.020 AC
   Sim. Ser #: MP3067 Lot #: 16200 Exp. Date: 17 Aug 18
   b. ☒ High AC (Level 1,C): Known Value ≥ 0.25 AC: 0.300 AC
   Sim. Ser #: MP3065 Lot #: 17350 Exp. Date: 11 Oct 19

☒ Configure dry gas standard for the following tests (Level 1,S).

2. ☒ Interferent Check (Level 1,B): Known Value: 0.10 AC + 0.05% Acetone
   Sim. Ser #: DR5144 Lot #: ICS5 Exp. Date: 15 May 19
   ☒ Display reads "Interferent Detect"
3. ☒ RFI Check (CMS Mode) ☒ Display reads "RFI Detect"
4. ☒ Dry Calibration Check (Level 1,C): Known Value 0.080 AC
   Gas Cyl Lot #: 20016080A2 Cyl #: 40 Exp. Date: 5 Sep 18

Test 1	0.081	Test 4	0.083	Test 7	0.082
Test 2	0.081	Test 5	0.081	Test 8	0.081
Test 3	0.081	Test 6	0.080	Test 9	0.082
Average	0.081				

C. Remarks/Maintenance: Annual inspection. Replaced ~~light bulb~~ analytical bench as instrument results were low after recent calibration adjustment. Replaced o-rings on breath hose, calibration inlet and regulator. Completed tank sensor calibration, flow sensor calibration, calibration adjustment of optical bench before completing annual inspection.

☒ Instrument is acceptable to be used in the field.

Roberta Gurgacz-Nimmo — Breath Analyst Signature — 14 Jun 18 — Date

Charles E Eby — Reviewed by — 14 JUN. 18 — Date

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.14.00 09/16
06/14/2018 11:56
Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.707
2: Rate (Liters/min) = 15
SQRT(Diff)) = 12.121
3: Rate (Liters/min) = 30
SQRT(Diff)) = 22.824
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 598
Rounded Intercept = -457806
Correlation = 0.99739

Flow Rate Verification Check

Gilmont instruments Flowmeter model F-4001

SN 40655

Flow Rate Set to ~~30~~ 10 BrAC 4/min.
Flow Sensor F: 0.164 4/sec * 60 sec/min = 9.84 4/min

Flow Rate Set to 20 4/min
Flow Sensor F: 0.328 4/sec * 60 sec/min = 19.68 4/min

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005949
06/14/2018 12:05:01

Auto Calibration

	<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.0710	(0.0060)	0.1870	(-0.0150)
Sample #2	0.0910	(0.0330)	0.1780	(0.0230)
Sample #3	0.0540	(0.0670)	0.1600	(0.0380)
Sample #4	0.0770	(0.0780)	0.1770	(0.0190)
Avg % Abs	0.0740	(0.0593)	0.1717	(0.0267)
STD DEV	0.0187	(0.0235)	0.0101	(0.0100)
REL STD DEV	25.245	(39.538)	5.893	(37.562)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7440	(0.0180)	1.5280	(0.0090)
Sample #2	0.7420	(0.0300)	1.5440	(0.0120)
Sample #3	0.7430	(0.0350)	1.5190	(0.0230)
Sample #4	0.7810	(0.0280)	1.5760	(0.0040)
Avg % Abs	0.7553	(0.0310)	1.5463	(0.0130)
STD DEV	0.0222	(0.0036)	0.0286	(0.0095)
REL STD DEV	2.944	(11.631)	1.848	(73.380)
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.4650	(-0.0170)	2.8850	(-0.0130)
Sample #2	1.4330	(0.0090)	2.8620	(0.0040)
Sample #3	1.4720	(0.0000)	2.8850	(0.0000)
Sample #4	1.4660	(0.0000)	2.8810	(-0.0020)
Avg % Abs	1.4570	(0.0030)	2.8760	(0.0007)
STD DEV	0.0210	(0.0052)	0.0123	(0.0031)
REL STD DEV	1.441	(173.205)	0.427	(458.258)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8070	(-0.0140)	3.5470	(-0.0090)
Sample #2	1.8190	(-0.0040)	3.5440	(0.0020)
Sample #3	1.7990	(0.0000)	3.5340	(0.0170)
Sample #4	1.7950	(0.0010)	3.5490	(0.0050)
Avg % Abs	1.8043	(-0.0010)	3.5423	(0.0080)
STD DEV	0.0129	(0.0026)	0.0076	(0.0079)
REL STD DEV	0.713	(264.575)	0.216	(99.216)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0700	(-0.0210)	9.7210	(-0.0160)
Sample #2	5.0770	(0.0000)	9.7190	(0.0100)
Sample #3	5.0830	(0.0120)	9.7610	(0.0210)
Sample #4	5.0830	(0.0120)	9.7910	(0.0010)
Avg % Abs	5.0810	(0.0080)	9.7570	(0.0107)
STD DEV	0.0035	(0.0069)	0.0362	(0.0100)
REL STD DEV	0.068	(86.603)	0.371	(93.906)

0.000 AC
MP3048
Lot: milliQH2O
Exp.: NA

0.040 AC
MP3003
Lot: 20170608
Exp.: 6Jun19

0.080 AC
MP3057
Lot: 16180
Exp.: 1Aug18

0.100 AC
MP3063
Lot: 20170308
Exp.: 7Mar19

0.300 AC
MP3062
Lot: 20160308
Exp.: 22Mar20

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005949
06/14/2018 12:05:01

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-182.15	-236.65
First Order Coef	2696.23	1368.96
Second Order Coef	29.70	12.24

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0004	0.000	-0.000	0.0000
0.040	0.039	0.0007	0.040	0.040	-0.0001
0.080	0.080	0.0000	0.080	0.080	0.0002
0.100	0.100	-0.0004	0.100	0.100	-0.0001
0.300	0.300	0.0000	0.300	0.300	0.0000

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

0.100 AC
Lot: 323161001A
Cyl. No.: 3
Exp: 5Jan19

Sample		
Sample #1	4269.00	4122.00
Sample #2	4301.00	4156.00
Sample #3	4247.00	4079.00
Sample #4	4217.00	4082.00
Avg	4255.0000	4105.6665
STD DEV	42.5676	43.6157
REL STD DEV	1.000	1.062
H2O adjust (mg/l*10k)	506	656

Atmospheric Pressure = 944

**********CALIBRATION SUCCESSFUL**********

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.14.00 09/16
06/14/2018 12:55

********** Printer Test **********

abcdefghijklmnopqrstuvwxyz1234567890-=|
ABCDEFGHIJKLMNOPQRSTUVWXYZ!@#$%^&*()_+?

abcdefghijklmnopqrstuvwxyz1234567890-=|
ABCDEFGHIJKLMNOPQRSTUVWXYZ!@#$%^&*()_+?

Current Instrument Setup

Data Entry Mode:	Enabled
Start Test Sequence:	DABACABA
Display Prelim Rslt?	Yes
Display Third Digit?	Yes
Inhib Printer(Y/N)?	No
Display Volume?	No
Disable On Memfull?	Yes
# of Print Copies?	1
Select Std (D/W/I)?	Dry
Standard Value?	0.080
Standard Lot #?	20016080A2
Standard Cyl #?	40
Standard Expiration?	09/05/2018
Oper No?	888888
Flow Cal. Date:	06/14/2018
Slope	598
Intercept	-457806

IR Calibration Date: 06/14/2018

	3um	9um
0th Coef(*100):	-18215	-23665
1st Coef(*100):	269623	136896
2nd Coef(*100):	2970	1224
H2O adj(mg/l*10k):	506	656

********** Printer Test End **********

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Print test

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 13:17

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:17
02 Std. Sol.	0.020	13:18
03 Room Air	0.000	13:18
04 Std. Sol.	0.020	13:19
05 Room Air	0.000	13:20
06 Std. Sol.	0.020	13:20
07 Room Air	0.000	13:21

08 Sim Temp = 34.0°C

Simul Ser No = MP3067
Std Sol No = 16200
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Low AC
0.020 AC

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 13:11

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:11
02 Std. Sol.	0.296	13:12
03 Room Air	0.000	13:13
04 Std. Sol.	0.298	13:13
05 Room Air	0.000	13:14
06 Std. Sol.	0.298	13:15
07 Room Air	0.000	13:15

08 Sim Temp = 34.0°C

Simul Ser No = MP3065
Std Sol No = 17350
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: High AC
0.300 AC

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 13:04

Test	AC	Time
01 Room Air	0.000	13:05
02 *Subject Test	INT*	13:06
03 Room Air	0.000	13:07

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female — Weight = 150
Test = DUI — Cit = INTERERENT
Dr. Lic. = ND/DIS821456
Lot No = 20016080A2
Cyl No = 40
Expiration Date = 09/05/2018
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Interferent Check
0.10 AC + 0.05% Acetone.

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.14.00 09/16
06/14/2018 13:07

Test	AC	Time
01 Diagnostic	OK	13:08
02 Room Air	0.000	13:08
03 *Subject Test	RFI*	13:09
04 Room Air	0.000	13:09

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI CHECK
Dr. Lic. = ND/DIS821456
Lot No = 20016080A2
Cyl No = 40
Expiration Date = 09/05/2018
County = 08 Oper No. = 888888

I followed the Approved Method and the instructions displayed by the Intoxilyzer in conducting this test.

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: RFI Check

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 12:51

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:52
02 Std. Gas	0.081	12:52
03 Room Air	0.000	12:53
04 Std. Gas	0.081	12:53
05 Room Air	0.000	12:54
06 Std. Gas	0.081	12:54
07 Room Air	0.000	12:55

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check
0.080AC

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 12:56

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:56
02 Std. Gas	0.082	12:56
03 Room Air	0.000	12:57
04 Std. Gas	0.081	12:57
05 Room Air	0.000	12:58
06 Std. Gas	0.080	12:58
07 Room Air	0.000	12:59

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check
0.080 AC

Form 106-I8000

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer — Alcohol Analyzer
North Dakota Model 8000 — SN 80-005949
Location = TOXL — 8164.14.00 09/16
06/14/2018 — 13:00

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:00
02 Std. Gas	0.082	13:01
03 Room Air	0.000	13:01
04 Std. Gas	0.081	13:01
05 Room Air	0.000	13:02
06 Std. Gas	0.082	13:02
07 Room Air	0.000	13:03

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 — Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check
0.080 AC

Form 106-I8000