

INTOXILYZER® 8000 INSPECTION

Intoxilyzer® 8000 Serial Number: 80-006687

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: 1002 psi Regulator: 1000 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_{CEE}
Sim. Ser #: MP3002 Lot #: 17160 Exp. Date: 6-8-18
- b. High AC (Level 1,C): Known Value ≥ 0.25 AC: 0.250 AC
Sim. Ser #: MP3061 Lot #: 17010 Exp. Date: 1-5-19

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 #: DR7089 Lot #: ICS #5 Exp. Date: 5-15-19
 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 #: 2001608042 Cyl #: 40 Exp. Date: 9-5-18

Test 1	<u>0.080</u>	Test 4	<u>0.080</u>	Test 7	<u>0.080</u>
Test 2	<u>0.080</u>	Test 5	<u>0.080</u>	Test 8	<u>0.080</u>
Test 3	<u>0.080</u>	Test 6	<u>0.080</u>	Test 9	<u>0.081</u>
Average	<u>0.080</u>				

C. Remarks/Maintenance: ANNUAL INSPECTION, EXTERNAL BATTERY REPLACED AND TRAINED, FLOW CAL ADJUSTMENT, CALIBRATION ADJUSTMENT

Instrument is acceptable to be used in the field.

Charles E. Eden
Breath Analyst Signature

5-22-2018
Date

Roberta Huegu-nimont
Reviewed by

24 May 18
Date

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

80-006687

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 13:17
Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff)) = 7.000
2: Rate (Liters/min) = 15
SQRT(Diff)) = 12.039
3: Rate (Liters/min) = 30
SQRT(Diff)) = 22.402
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 624
Rounded Intercept = -539297
Correlation = 0.99664

GILMONT G.F-7460
S/N: 40655

FLOW VERIFICATION

20 L/min CHECK

$$\begin{array}{l} 0.324 \times 60 = 19.44 \text{ L/min} \\ (\text{L/sec}) \quad (\text{Sec/min}) \end{array}$$

10 L/min CHECK

$$\begin{array}{l} 0.167 \times 60 = 10.02 \text{ L/min} \\ (\text{L/sec}) \quad (\text{Sec/min}) \end{array}$$

Charles E. Edr
22 MAY 18

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006687
 05/22/2018 13:27:58

Auto Calibration

pg 1 of 2

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

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1 0.000 AC

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.0970	(0.0030)	0.1530	(0.0160)
Sample #2	0.1130	(0.0690)	0.1790	(0.0210)
Sample #3	0.0730	(0.1330)	0.1760	(0.0320)
Sample #4	0.0870	(0.1630)	0.1790	(0.0360)
Avg % Abs	0.0910	(0.1217)	0.1780	(0.0297)
STD DEV	0.0203	(0.0480)	0.0017	(0.0078)
REL STD DEV	22.305	(39.463)	0.973	(26.182)

*MP 3070
MILLI Q H2O*

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1 0.040 AC

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7470	(0.0160)	1.4810	(0.0060)
Sample #2	0.7470	(0.0390)	1.4620	(0.0200)
Sample #3	0.7870	(0.0390)	1.5200	(0.0060)
Sample #4	0.7690	(0.0700)	1.4980	(0.0210)
Avg % Abs	0.7677	(0.0493)	1.4933	(0.0157)
STD DEV	0.0200	(0.0179)	0.0293	(0.0084)
REL STD DEV	2.610	(36.279)	1.961	(53.531)

*MP 3064
Lot: 16320
Exp: 10-21-18*

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1 0.080 AC

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.4260	(-0.0030)	2.7450	(0.0030)
Sample #2	1.4660	(0.0050)	2.8090	(-0.0170)
Sample #3	1.4470	(0.0320)	2.7850	(-0.0040)
Sample #4	1.4580	(0.0260)	2.7990	(-0.0150)
Avg % Abs	1.4570	(0.0210)	2.7977	(-0.0120)
STD DEV	0.0095	(0.0142)	0.0121	(0.0070)
REL STD DEV	0.655	(67.512)	0.431	(58.333)

*MP 3059
Lot: 16180
Exp: 8-1-18*

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8390	(0.0070)	3.4920	(0.0120)
Sample #2	1.8380	(0.0080)	3.5340	(-0.0120)
Sample #3	1.8330	(0.0210)	3.5150	(-0.0130)
Sample #4	1.7990	(0.0310)	3.4860	(0.0030)
Avg % Abs	1.8233	(0.0200)	3.5117	(-0.0073)
STD DEV	0.0212	(0.0115)	0.0242	(0.0090)
REL STD DEV	1.164	(57.663)	0.688	(122.221)

*MP 3068
Lot: 201703B
Exp: 3-7-19*

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1 0.300 AC

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0490	(0.0100)	9.5520	(-0.0020)
Sample #2	5.0670	(0.0200)	9.5780	(0.0100)
Sample #3	5.0710	(0.0380)	9.5830	(0.0210)
Sample #4	5.0780	(0.0390)	9.5890	(0.0300)
Avg % Abs	5.0720	(0.0323)	9.5833	(0.0203)
STD DEV	0.0056	(0.0107)	0.0055	(0.0100)
REL STD DEV	0.110	(33.070)	0.057	(49.262)

*MP 3058
Lot: 17350
Exp: 10-11-19*

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006687
 05/22/2018 13:27:58

Auto Calibration

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Zero Order Coef	-222.81			-227.23	
First Order Coef	2701.32			1390.77	
Second Order Coef	31.28			12.87	
Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0005	0.000	0.000	-0.0004
0.040	0.039	0.0007	0.040	0.039	0.0006
0.080	0.079	0.0006	0.080	0.079	0.0009
0.100	0.101	-0.0009	0.100	0.101	-0.0011
0.300	0.300	0.0001	0.300	0.300	0.0001

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1 <u>0.100AC</u>					
Sample #1	4368.00		4342.00		Lot: 32316100A1
Sample #2	4317.00		4342.00		CYL: 002
Sample #3	4441.00		4367.00		Exp: 1/5/2019
Sample #4	4379.00		4376.00		
Avg	4379.0000		4361.6665		
STD DEV	62.0000		17.6163		
REL STD DEV	1.416		0.404		
H2O adjust (mg/l*10k)	382		400		

Atmospheric Pressure = 952

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

- ADJUSTMENT DUE TO HIGH AC STANDARD RUNNING LOW DURING ANNUAL INSPECTIONS.
- HIGH AC VALUE STILL WITHIN $\pm 5\%$ TOLERANCE.

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006687
 05/22/2018 13:27:58

Auto Calibration
 Max Power Res Value = 38
 Auto Range Res Value = 20

Charles E. Ed
 5-22-18

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:25

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

abcdefghijklmnopqrstuvwxy1234567890-=_|
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#%^&*()_+?

abcdefghijklmnopqrstuvwxy1234567890-=_|
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#%^&*()_+?

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? 666666

Flow Cal. Date: 05/22/2018
Slope 624
Intercept -539297

IR Calibration Date: 05/22/2018

	3um	9um
0th Coef(*100):	-22281	-22723
1st Coef(*100):	270132	139077
2nd Coef(*100):	3128	1287
H2O adj(mg/l*10k):	382	400

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



Operator Signature
CHARLES EDER

Remarks: PRINT TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:28

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:29
02 Std. Sol.	0.018	14:30
03 Room Air	0.000	14:30
04 Std. Sol.	0.018	14:31
05 Room Air	0.000	14:31
06 Std. Sol.	0.018	14:32
07 Room Air	0.000	14:33

08 Sim Temp = 34.0°C

Simul Ser No = MP3002
Std Sol No = 17160
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: Low AC
 0.020 AC

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

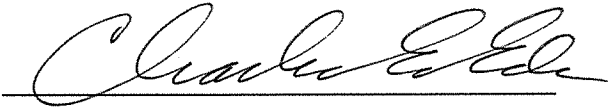
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:40

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:41
02 Std. Sol.	0.256	14:41
03 Room Air	0.000	14:42
04 Std. Sol.	0.255	14:43
05 Room Air	0.000	14:43
06 Std. Sol.	0.255	14:44
07 Room Air	0.000	14:44

08 Sim Temp = 34.0°C

Simul Ser No = MP3061
Std Sol No = 17010
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *HIGH AC*
 0.250 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:47

Test	AC	Time
01 Room Air	0.000	14:47
02 *Subject Test	INT*	14:48
03 Room Air	0.000	14:48

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 20016080A2
Cyl No = 40
Expiration Date = 09/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *Interferent Check*
0.10AC + 0.05% ACETONE

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

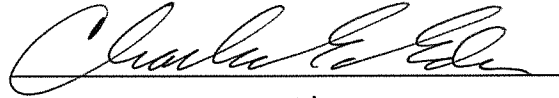
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:49

Test	AC	Time
01 Diagnostic	OK	14:50
02 Room Air	0.000	14:50
03 *Subject Test	RFI*	14:50
04 Room Air	0.000	14:51

*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. = 666666

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



Operator Signature
CHARLES EDER

Remarks: *RFI CHECK*

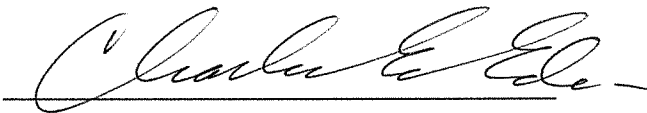
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:51

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:51
02 Std. Gas	0.080	14:52
03 Room Air	0.000	14:52
04 Std. Gas	0.080	14:53
05 Room Air	0.000	14:53
06 Std. Gas	0.080	14:54
07 Room Air	0.000	14:54

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK
0.080 AC


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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:54

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:55
02 Std. Gas	0.080	14:55
03 Room Air	0.000	14:56
04 Std. Gas	0.080	14:56
05 Room Air	0.000	14:57
06 Std. Gas	0.080	14:57
07 Room Air	0.000	14:58

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK
0.080 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006687
Location = TOXL 8164.14.00 09/16
05/22/2018 14:58

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:58
02 Std. Gas	0.080	14:59
03 Room Air	0.000	14:59
04 Std. Gas	0.080	15:00
05 Room Air	0.000	15:00
06 Std. Gas	0.081	15:00
07 Room Air	0.000	15:01

Lot No = 20016080A2
Cyl No = 40
Exp Date = 09/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *CALIBRATION CHECK*
 0.080AC