

INTOXILYZER® 8000 INSPECTION

Intoxilyzer® 8000 Serial Number: 80-006493

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: 998 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
Sim. Ser #: MP3002 Lot #: 16200 Exp. Date: 8-17-18
- 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 #: FCS#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 #: 20016080A2 Cyl #: 40 Exp. Date: 9.5.18

Test 1	<u>0.082</u>	Test 4	<u>0.083</u>	Test 7	<u>0.082</u>
Test 2	<u>0.082</u>	Test 5	<u>0.081</u>	Test 8	<u>0.081</u>
Test 3	<u>0.081</u>	Test 6	<u>0.082</u>	Test 9	<u>0.082</u>
Average	<u>0.082</u>				

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

Instrument is acceptable to be used in the field.

Charles E. Ede
Breath Analyst Signature

5/23/2018
Date

Roberta Hugu-Thomas
Reviewed by

24 May 18
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 14:20

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
 SQRT(Diff)) = 7.348
2: Rate (Liters/min) = 15
 SQRT(Diff)) = 12.246
3: Rate (Liters/min) = 30
 SQRT(Diff)) = 22.359
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 640
Rounded Intercept = -624033
Correlation = 0.99656

FLOW VERIFICATION

20 L/min

$$0.326 \text{ L/sec} \times 60 \frac{\text{sec}}{\text{min}} = 19.56 \text{ L/min}$$

10 L/min

$$0.167 \text{ L/sec} \times 60 \frac{\text{sec}}{\text{min}} = 10.02 \text{ L/min}$$

GILMONT GF-7460
S/N: 40655

Charles E. El
5/23/2018

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006493
 05/23/2018 14:27:31

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	0.1100	(-0.0150)	0.0920	(-0.0020)
Sample #2	0.0790	(0.0480)	0.1090	(-0.0090)
Sample #3	0.0890	(0.0780)	0.1080	(0.0000)
Sample #4	0.0580	(0.1170)	0.1070	(0.0090)
Avg % Abs	0.0753	(0.0810)	0.1080	(0.0000)
STD DEV	0.0158	(0.0346)	0.0010	(0.0090)
REL STD DEV	21.003	(42.713)	0.926	(0.000)

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	0.8210	(-0.0170)	1.4940	(0.0080)
Sample #2	0.7990	(0.0370)	1.5120	(0.0080)
Sample #3	0.7860	(0.0340)	1.5020	(0.0110)
Sample #4	0.7730	(0.0710)	1.4710	(0.0490)
Avg % Abs	0.7860	(0.0473)	1.4950	(0.0227)
STD DEV	0.0130	(0.0206)	0.0214	(0.0229)
REL STD DEV	1.654	(43.417)	1.430	(100.829)

~~MP 3002 CEE~~
LOT: 201706B
EXP: 6-6-19
MP 3064

 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	1.4430	(0.0000)	2.7890	(0.0050)
Sample #2	1.5040	(0.0030)	2.8450	(0.0190)
Sample #3	1.5120	(0.0050)	2.8560	(0.0150)
Sample #4	1.5010	(0.0220)	2.8340	(0.0300)
Avg % Abs	1.5057	(0.0100)	2.8450	(0.0213)
STD DEV	0.0057	(0.0104)	0.0110	(0.0078)
REL STD DEV	0.378	(104.403)	0.387	(36.410)

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	1.8410	(-0.0150)	3.5010	(0.0000)
Sample #2	1.8600	(-0.0100)	3.5290	(0.0070)
Sample #3	1.8080	(0.0200)	3.4840	(0.0240)
Sample #4	1.8190	(0.0040)	3.4820	(0.0260)
Avg % Abs	1.8290	(0.0047)	3.4983	(0.0190)
STD DEV	0.0274	(0.0150)	0.0266	(0.0104)
REL STD DEV	1.498	(321.667)	0.760	(54.949)

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	5.1320	(-0.0210)	9.6200	(-0.0010)
Sample #2	5.1720	(0.0060)	9.7130	(0.0380)
Sample #3	5.1780	(0.0130)	9.6850	(0.0400)
Sample #4	5.1390	(0.0070)	9.6230	(0.0500)
Avg % Abs	5.1630	(0.0087)	9.6737	(0.0427)
STD DEV	0.0210	(0.0038)	0.0461	(0.0064)
REL STD DEV	0.407	(43.684)	0.476	(15.068)

MP 3058
LOT: 17350
EXP: 10-11-19

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006493
 05/23/2018 14:27:31

Auto Calibration

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Zero Order Coef	-198.57			-146.95	
First Order Coef	2637.52			1350.87	
Second Order Coef	32.53			14.58	
Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0000	0.000	-0.000	0.0000
0.040	0.040	0.0002	0.040	0.040	-0.0000
0.080	0.081	-0.0008	0.080	0.080	-0.0001
0.100	0.099	0.0006	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					
Sample					
Sample #1	4193.00		4287.00		<u>0.100 AC</u>
Sample #2	4141.00		4306.00		Lot: 32316100 A 1
Sample #3	4092.00		4263.00		CYL: 002
Sample #4	4121.00		4265.00		EXP: 1.5.19
Avg	4118.0000		4278.0000		
STD DEV	24.6374		24.2693		
REL STD DEV	0.598		0.567		
H2O adjust (mg/l*10k)	643		483		

Atmospheric Pressure = 951

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

- CALIBRATION ADJUSTMENT DUE TO
 KNOWN HIGH AC STANDARD RUNNING
 HIGH DURING ANNUAL INSPECTIONS

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006493
 05/23/2018 14:27:31

Auto Calibration
 Max Power Res Value = 107
 Auto Range Res Value = 79

Charles E. Ed
 5/23/2018

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:22

***** 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? 666666

Flow Cal. Date: 05/23/2018
Slope 640
Intercept -624033

IR Calibration Date: 05/23/2018
 3um 9um

0th Coef(*100): -19857 -14695
1st Coef(*100): 263752 135087
2nd Coef(*100): 3253 1458
H2O adj(mg/l*10k): 643 483

***** 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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:24

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:25
02 Std. Sol.	0.020	15:26
03 Room Air	0.000	15:26
04 Std. Sol.	0.020	15:27
05 Room Air	0.000	15:28
06 Std. Sol.	0.021	15:28
07 Room Air	0.000	15:29

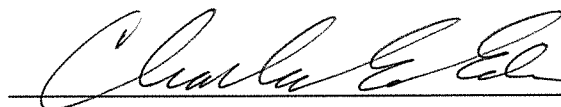
08 Sim Temp = 34.0°C

Simul Ser No = MP3002

Std Sol No = 16200

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:30

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:31
02 Std. Sol.	0.251	15:31
03 Room Air	0.000	15:32
04 Std. Sol.	0.251	15:33
05 Room Air	0.000	15:33
06 Std. Sol.	0.252	15:34
07 Room Air	0.000	15:35

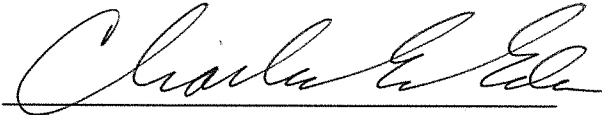
08 Sim Temp = 34.0°C

Simul Ser No = MP3061

Std Sol No = 17010

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

Remarks:

HIGH AC
0.250 AC

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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:36

Test	AC	Time
01 Room Air	0.000	15:37
02 *Subject Test	INT*	15:38
03 Room Air	0.000	15:38

*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
0.10 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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:39

Test	AC	Time
01 Diagnostic	OK	15:40
02 Room Air	0.000	15:40
03 *Subject Test	RFI*	15:41
04 Room Air	0.000	15:41

*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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:41

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:42
02 Std. Gas	0.082	15:42
03 Room Air	0.000	15:43
04 Std. Gas	0.082	15:43
05 Room Air	0.000	15:44
06 Std. Gas	0.081	15:44
07 Room Air	0.000	15:45

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

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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:45

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:45
02 Std. Gas	0.083	15:46
03 Room Air	0.000	15:46
04 Std. Gas	0.081	15:47
05 Room Air	0.000	15:47
06 Std. Gas	0.082	15:47
07 Room Air	0.000	15:48

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

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 80-006493
Location = TOXL 8164.14.00 09/16
05/23/2018 15:48

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:49
02 Std. Gas	0.082	15:49
03 Room Air	0.000	15:50
04 Std. Gas	0.081	15:50
05 Room Air	0.000	15:51
06 Std. Gas	0.082	15:51
07 Room Air	0.000	15:51

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