

OFFICE OF ATTORNEY GENERAL
 CRIME LABORATORY DIVISION
 Toxicology Section/Breath Alcohol Program
 Instrument Certification and Maintenance Unit

BrF-005-8

Q. Flow Monitor. Level 3 Func D Sub F. R 180 F 0.000 L/s
 R. Temperature Monitor. Level 3 Func D Sub T
 C 47.0 A 48.0 I 0.0
 B 44.9 V 0.0
 S. Gas Tank Monitor. Level 3 Func D Sub G 499^{DF}737 psi Intox 500 psi Reg
 T. Configure Wet Bath Sim. Level 1 Func S
 U. Zero Alcohol Test Level 1 Func C
DR3409 Sim SN — Lot 0.000 Rep Value
0.000 AC 0.000 AC 0.000 AC
 V. Low AC Test. Level 1 Func C
DR5144 Sim SN — Lot 0.019 Rep Value
0.020 AC 0.020 AC 0.020 AC
 W. Linearity Test. Level 1 Func C
DR5187 Sim SN — Lot 0.285 Rep Value
0.284 AC 0.285 AC 0.285 AC
 X. Interferent Test. Level 1 Func B
 Acetone DR3845 Sim SN — Lot 0.05% Conc
 Display Printout
 Methanol 610573 Sim SN — Lot 0.10% Conc
 Display Printout
 IPA DR5191 Sim SN — Lot 0.10% Conc
 Display Printout
 Y. Ambient Test Display Printout
 Z. Invalid Sample Test Display Printout
 AA. RFI Detector Test. CMS Mode Display Printout
 BB. Configure Dry Gas Standard. Level 1 Func S
 CC. Stability Test at 0.080AC. Level 3 Func T Sub S
0.0800 Ave. 0.0003 Std Dev 0.41% Rel Std Dev
 DD. Maintenance/Repairs Software 8164.13 upgrade & calibration (attached)

10 Dec 2009
 Date
15 Dec 2009
 Date

Deb Kasher
 Signature
Mary Pearson
 Reviewed by

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004198
 12/09/2009 10:11:02

Auto Calibration

pg 1 of 2

```

  <<<<<      3um      >>>>>
  -----
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1
  Sample      % Abs      (% Abs Ref)      % Abs      (% Abs Ref)
Sample #1     0.1390      (-0.0120)        0.2910      (-0.0030)
Sample #2     0.1350      (0.0210)         0.2710      (0.0450)
Sample #3     0.1310      (0.0490)         0.2740      (0.0370)
Sample #4     0.1210      (0.0710)         0.2800      (0.0360)
Avg % Abs     0.1290      (0.0470)         0.2750      (0.0393)
STD DEV       0.0072      (0.0251)         0.0046      (0.0049)
REL STD DEV   5.590      (53.319)         1.666      (12.541)
  
```

```

  <<<<<      9um      >>>>>
  -----
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
  Sample      % Abs      (% Abs Ref)      % Abs      (% Abs Ref)
Sample #1     0.8130      (0.0180)         1.6200      (0.0000)
Sample #2     0.8020      (0.0450)         1.6200      (0.0130)
Sample #3     0.8070      (0.0470)         1.6170      (0.0160)
Sample #4     0.7870      (0.0620)         1.6190      (0.0170)
Avg % Abs     0.7987      (0.0513)         1.6187      (0.0153)
STD DEV       0.0104      (0.0093)         0.0015      (0.0021)
REL STD DEV   1.303      (18.100)         0.094      (13.576)
  
```

```

  <<<<<      3um      >>>>>
  -----
Solution = 0.107 g/210L or 0.5095 mg/l, Samples = 4, Discarded = 1
  Sample      % Abs      (% Abs Ref)      % Abs      (% Abs Ref)
Sample #1     2.0850      (-0.0270)        4.0080      (-0.0150)
Sample #2     2.0590      (0.0040)         4.0170      (0.0050)
Sample #3     2.0140      (0.0360)         4.0080      (0.0120)
Sample #4     2.0750      (0.0200)         4.0260      (0.0090)
Avg % Abs     2.0493      (0.0200)         4.0170      (0.0087)
STD DEV       0.0316      (0.0160)         0.0090      (0.0035)
REL STD DEV   1.543      (80.000)         0.224      (40.522)
  
```

```

  <<<<<      9um      >>>>>
  -----
Solution = 0.147 g/210L or 0.7000 mg/l, Samples = 4, Discarded = 1
  Sample      % Abs      (% Abs Ref)      % Abs      (% Abs Ref)
Sample #1     2.7170      (-0.0100)        5.3430      (0.0080)
Sample #2     2.7400      (0.0140)         5.3350      (0.0490)
Sample #3     2.7140      (0.0220)         5.2900      (0.0610)
Sample #4     2.7240      (0.0300)         5.3290      (0.0610)
Avg % Abs     2.7260      (0.0220)         5.3180      (0.0570)
STD DEV       0.0131      (0.0080)         0.0244      (0.0069)
REL STD DEV   0.481      (36.364)         0.459      (12.155)
  
```

```

  <<<<<      3um      >>>>>
  -----
Solution = 0.285 g/210L or 1.3571 mg/l, Samples = 4, Discarded = 1
  Sample      % Abs      (% Abs Ref)      % Abs      (% Abs Ref)
Sample #1     5.1920      (0.0050)         9.9360      (-0.0080)
Sample #2     5.2160      (0.0190)         9.9410      (0.0280)
Sample #3     5.2420      (0.0160)         9.9750      (0.0150)
Sample #4     5.2400      (0.0260)         9.9920      (0.0000)
Avg % Abs     5.2327      (0.0203)         9.9693      (0.0143)
STD DEV       0.0145      (0.0051)         0.0260      (0.0140)
REL STD DEV   0.276      (25.237)         0.260      (97.757)
  
```

*Calibration
 Deb Kashner
 p. 1 of 2*

*80-004198
 P. 3 of 7
 20*

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004198
 12/09/2009 10:11:02

Auto Calibration

pg 2 of 2

```

<<<<<      3um      >>>>>
-----
Zero Order Coef   -310.70
First Order Coef  2686.64
Second Order Coef -6.43
  
```

```

<<<<<      9um      >>>>>
-----
                -348.49
                1352.39
                4.40
  
```

```

-----
Act      Fit      Residual
(g/210L) (g/210L)   (g/210L)
0.000    0.001    -0.0008
0.040    0.038     0.0016
0.107    0.109    -0.0015
0.147    0.146     0.0007
0.285    0.285    -0.0000
  
```

```

-----
Act      Fit      Residual
(g/210L) (g/210L)   (g/210L)
0.000    0.000    -0.0005
0.040    0.039     0.0011
0.107    0.108    -0.0013
0.147    0.146     0.0007
0.285    0.285     0.0000
  
```

```

<<<<<      3um      >>>>>
-----
  
```

```

<<<<<      9um      >>>>>
-----
  
```

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

```

Sample
Sample #1          3239.00          3226.00
Sample #2          3176.00          3159.00
Sample #3          3274.00          3209.00
Sample #4          3267.00          3216.00
Avg                3239.0000        3194.6667
STD DEV            54.6717          31.0859
REL STD DEV        1.688           0.973
H2O adjust (mg/l*10k) 570           615
  
```

Atmospheric Pressure = 1015

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

*Calibration
 Deb Kashin
 p. 2 of 2*

80-004198
 P. 4/17/02
 20

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 10:56
Internal Test Procedure Calibration
Target: 080 ReloadOffset:5879

*ITP
Deb Kashner
p.1881*

*80-004198
P. 50/17
2015/11/11*

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004198
12/09/2009 10:11:02

Auto Calibration
Max Power Res Value = 26
Auto Range Res Value = 12
Intoxilyzer Test Record and Checklist
NDDAG Crime Lab. Div., Bismarck, ND 58501

CHI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 14:05

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

24 characters per line
abcdefghijklmnopqrstuvw
ABCDEFGHIJKLMNQRSTUW

32 characters per line
abcdefghijklmnopqrstuvwxy123456
ABCDEFGHIJKLMNQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuvwxy1234567890abcdef
ABCDEFGHIJKLMNQRSTUWXYZ1234567890ABCDEF

Current Instrument Setup
Data Entry Mode: Enabled
Start Test Sequence: D88ACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Menfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.000
Standard Lot #? 659358
Standard Cyl #? 54
Standard Expiration? 09/03/2011
Oper No? 777777

Flow Cal. Date: 06/04/2009
Slope 671
Intercept -536290

IR Calibration Date: 12/09/2009
Sun Sun

0th Coef(*100): -31070 -34849
1st Coef(*100): 268664 135239
2nd Coef(*100): -643 440
H2O adj[ng/l*10K]: 570 615

***** Test End *****

Deb Kasher
Operator Signature
DEB KASHUR

Remarks:

Print Test
Form 106-18000

80-004198
P. G. KASHUR
20

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 14:15

DIAGNOSTIC

| | |
|---------------------------|------|
| Voltage/Current Test | Pass |
| RAM Test | Pass |
| EEPROM Checksum Test | Pass |
| Real Time Clock Test | Pass |
| DSP Test | Pass |
| Analytical Stability Test | Pass |
| Modem Test | Pass |
| Temp Regulation Test | Pass |

Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Diagnostic Test

Form 106-18000

80-004198
P. 9-117
30 KAL

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 14:25

WET CAL CHECK

| Test | AC | Time |
|--------------|-------|-------|
| 01 Room Air | 0.000 | 14:26 |
| 02 Std. Sol. | 0.000 | 14:28 |
| 03 Room Air | 0.000 | 14:28 |
| 04 Std. Sol. | 0.000 | 14:29 |
| 05 Room Air | 0.000 | 14:29 |
| 06 Std. Sol. | 0.000 | 14:30 |
| 07 Room Air | 0.000 | 14:31 |

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

DK
~~low AC~~ zero alcohol 0.000 AC

Form 106-18000

80-004198
P-10-17
20 VAK

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 14:34

WET CAL CHECK

| Test | AC | Time |
|--------------|-------|-------|
| 01 Room Air | 0.000 | 14:34 |
| 02 Std. Sol. | 0.020 | 14:36 |
| 03 Room Air | 0.000 | 14:36 |
| 04 Std. Sol. | 0.020 | 14:37 |
| 05 Room Air | 0.000 | 14:38 |
| 06 Std. Sol. | 0.020 | 14:38 |
| 07 Room Air | 0.000 | 14:39 |

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Low AC 0.019 AC

Form 106-18000

*80-004198
P. 11 of 17
2012/12/09*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 14:45

WET CAL CHECK

| Test | AC | Time |
|--------------|-------|-------|
| 01 Room Air | 0.000 | 14:46 |
| 02 Std. Sol. | 0.284 | 14:47 |
| 03 Room Air | 0.000 | 14:47 |
| 04 Std. Sol. | 0.285 | 14:48 |
| 05 Room Air | 0.000 | 14:48 |
| 06 Std. Sol. | 0.285 | 14:49 |
| 07 Room Air | 0.000 | 14:50 |

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.285 AC

Form 106-I8000

80-004198
P. 12
[Signature]

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 15:54

| Test | AC | Time |
|------------------|-------|-------|
| 01 Room Air | 0.000 | 15:55 |
| 02 *Subject Test | INT* | 15:56 |
| 03 Room Air | 0.000 | 15:56 |

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

acetone interferent

Form 106-I8000

80-004198
P.13
2012

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 15:59

| Test | AC | Time |
|------------------|-------|-------|
| 01 Room Air | 0.000 | 16:00 |
| 02 *Subject Test | INT* | 16:01 |
| 03 Room Air | 0.000 | 16:01 |

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

methanol interferent

Form 106-I8000

80-004198
P. 144/25/12

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 16:06

| Test | AC | Time |
|------------------|-------|-------|
| 01 Room Air | 0.000 | 16:07 |
| 02 *Subject Test | INT* | 16:07 |
| 03 Room Air | 0.000 | 16:08 |

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

~~Invalid sample test~~ ^{DK}

IPA
interferent Form 106-18000

80-004198
P.15
2019

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 16:08

| Test | AC | Time |
|-------------|-------|-------|
| 01 Room Air | AMB* | 16:09 |
| 02 Room Air | 0.000 | 16:10 |

*Invalid Test
Check Ambient Conditions

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Ambient test

Form 106-18000

80-004198
P. 16/17
2015/11

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 16:10

| Test | AC | Time |
|-------------------|-------|-------|
| 01 Room Air | 0.000 | 16:11 |
| 02 Invalid Sample | X.XXX | 16:11 |
| 03 Room Air | 0.000 | 16:11 |

*Invalid Test - Mouth Alcohol

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Invalid sample test

Form 106-18000

80-004198
P-12-117 FM
20

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/10/2009 09:11

| Test | AC | Time |
|---------------|-------|-------|
| 01 Diagnostic | OK | 09:12 |
| 02 Room Air | RFI* | 09:12 |
| 03 Room Air | 0.000 | 09:13 |

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 659358
Cyl No = 54
Expiration Date = 09/03/2011
County = 08 Oper No. = 777777

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

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

RFI test

Form 106-18000

80-004198
p. 18-20 AK

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.13.00 06/09
12/09/2009 12:59

| Test | AC | Time |
|---------------------|--------|-------|
| 01 Room Air | 0.000 | 13:00 |
| 02 Std. Gas | 0.079 | 13:00 |
| 03 Room Air | 0.000 | 13:01 |
| 04 Std. Gas | 0.080 | 13:01 |
| 05 Room Air | 0.000 | 13:02 |
| 06 Std. Gas | 0.080 | 13:02 |
| 07 Room Air | 0.000 | 13:03 |
| 08 Std. Gas | 0.080 | 13:03 |
| 09 Room Air | 0.000 | 13:03 |
| 10 Std. Gas | 0.080 | 13:04 |
| 11 Room Air | 0.000 | 13:04 |
| 12 Std. Gas | 0.080 | 13:05 |
| 13 Room Air | 0.000 | 13:05 |
| 14 Std. Gas | 0.080 | 13:06 |
| 15 Room Air | 0.000 | 13:06 |
| 16 Std. Gas | 0.080 | 13:06 |
| 17 Room Air | 0.000 | 13:07 |
| 18 Std. Gas | 0.080 | 13:07 |
| 19 Room Air | 0.000 | 13:08 |
| 20 Std. Gas | 0.081 | 13:08 |
| 21 Room Air | 0.000 | 13:09 |
| 22 Std. Gas | 0.080 | 13:09 |
| 23 Room Air | 0.000 | 13:10 |
| 24 Std. Gas | 0.080 | 13:10 |
| 25 Room Air | 0.000 | 13:10 |
| 26 Std. Gas | 0.080 | 13:11 |
| 27 Room Air | 0.000 | 13:11 |
| 28 Std. Gas | 0.080 | 13:12 |
| 29 Room Air | 0.000 | 13:12 |
| 30 Std. Gas | 0.080 | 13:12 |
| 31 Room Air | 0.000 | 13:13 |
| 32 Std. Gas | 0.080 | 13:13 |
| 33 Room Air | 0.000 | 13:14 |
| 34 Std. Gas | 0.080 | 13:14 |
| 35 Room Air | 0.000 | 13:15 |
| 36 Std. Gas | 0.080 | 13:15 |
| 37 Room Air | 0.000 | 13:16 |
| 38 Std. Gas | 0.080 | 13:16 |
| 39 Room Air | 0.000 | 13:16 |
| 40 Std. Gas | 0.080 | 13:17 |
| 41 Room Air | 0.000 | 13:17 |
| 42 Cal Check Stats: | | |
| 43 Average | 0.0800 | |
| 44 Std Dev | 0.0003 | |
| 45 Rel Std Dev | 0.41% | |

*Stability
test
Deb Kasher
p. 1 of 2*

*80-004198
p. 19 of 20
JEM*

Operator Signature
DEB KASHUR

Remarks:

Lot #: 659358 Cyl #: 54 Exp date: 03 Sept 2011

Form 106-I8000

Stability test
Deb Kashur
p. 2 of 2

80-004198
P. 2 of 20
JKH