INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: _80-006678_   Location: _TOXL_

1. Reported Issue:
   SCANNER NOT RECOGNIZING OPERATOR CARD OR LICENSES
   CAN MANUALLY ENTER, "INVALID PASSWORD" MESSAGE,
   BAD KEYBOARD

2. Found/Determined:
   INVALID PASSWORD → EXPIRED OPERATOR.
   BAD KEYBOARD CONNECTION - INTERMITTENT FUNCTION
   NO ISSUES FOUND WITH 2-D SCANNER
   INSTRUMENT ONLY RAN ON BATTERY POWER → BAD FUSE

3. Repair/Maintenance Performed:
   REPLACED FUSE → AC POWER CORD → CHARGING BATTERY NOW
   REPLACED KEYBOARD - FUNCTIONS PROPERLY
   2-D SCANNER HAS NOT FAILED TO READ A BARCODE PROPERLY.

4. ☒ Check and reset if needed; time, date, and location. (Level 2, E)

5. ☒ Tank monitor display and regulator within 50 psi. (Level 3, D, G)
   Display: _215_ psi   Regulator: _250_ psi
   ☒ If needed, completed tare of tank sensor. (Level 3, M, C, G)

6. Does the flow need to be calibrated?   Yes or (No)
   If Yes, attach paperwork.

7. Does the optical bench need a calibration adjustment?   Yes or (No)
   If Yes, attach test records.

8. Does the instrument require further testing?   (Yes) or No
   If No, sign and date at end of form.
   If Yes, state testing required or: ☒ Perform all tests for repair.

   ALL TESTS WILL BE PERFORMED DUE TO RETURNING
   TO THE LAB FROM THE FIELD.

Configure simulator(s) for the following tests: (Level 1, S) Attach test records

9. Wet Calibration Check: (ACA Test)

☒ Low AC (Level 1, C): Known value ≤ 0.03 AC.   0.030 AC
Sim SN: MP3059   Lot #: 202201B Exp. Date: 1.11.24

☒ High AC (Level 1, C): Known value ≥ 0.25 AC.   0.400 AC
Sim SN: MP5320   Lot #: 202103E Exp. Date: 3.24.23

☒ Wet Calibration Check results are within ± 0.005 or ± 5% (whichever is greater) of stated AC value.

Configure dry gas standard for the following tests: (Level 1, S) Attach test records.

10. ☒ Print test. (Level 1, P)

11. Interferent Check. 0.10 AC ethanol plus 0.05% Acetone. (Level 1, B)
Sim SN: DR3847 Lot #: ICS 6 ☒ Display reads "Interferent Detect"

12. RFI Check. (CMS mode) ☒ Display reads "RFI Detect"

13. Dry Calibration Check/Stability Test (Level 3, T, S, D, 15)
Known: 0.080 AC Ethanol Gas Standard.
Lot No. 0262108041 Cylinder No. 4 Expiration Date 3.5.23

Average AC: 0.0816 Std. Dev. 0.0005 Rel. Std. Dev. 0.63%

Remarks/Notes:
2-D SCANNER READ ALL BARCODES DURING TESTING,
PERFORMED OPERATOR.DAT FILE UPLOAD.

☒ Instrument is acceptable to be used in the field.

_____
Breath Analyst Signature

3/29/22
Date

N/A
Reviewed by

N/A
Date

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

```
CMI, Inc. Intoxilyzer      Alcohol Analyzer
North Dakota Model 8000       SN 80-006678
Location = TOXL            8164.14.00 09/16
03/29/2022                           12:33
```

```
┌─────────────────────────┐
│     WET CAL CHECK       │
└─────────────────────────┘
```

Test	AC	Time
01 Room Air	0.000	12:34
02 Std. Sol.	0.029	12:34
03 Room Air	0.000	12:35
04 Std. Sol.	0.029	12:36
05 Room Air	0.000	12:36
06 Std. Sol.	0.029	12:37
07 Room Air	0.000	12:37

08 Sim Temp = 34.0°C

```
Simul Ser No = MP3059
Std Sol No = 202201B
County = 08               Oper No. = 666666
```

Operator Signature
CHARLES EDER

Remarks: _LOW AC_
_0.030 AC_

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

```
CMI, Inc. Intoxilyzer      Alcohol Analyzer
North Dakota Model 8000        SN 80-006678
Location = TOXL             8164.14.00 09/16
03/29/2022                            12:43
```

```
┌─────────────────────┐
│   WET CAL CHECK     │
└─────────────────────┘
```

Test	AC	Time
01 Room Air	0.000	12:44
02 Std. Sol.	0.404	12:45
03 Room Air	0.000	12:45
04 Std. Sol.	0.403	12:46
05 Room Air	0.000	12:46
06 Std. Sol.	0.402	12:47
07 Room Air	0.000	12:48

08 Sim Temp = 34.0°C

Simul Ser No = MP5320
Std Sol No = 202103E
County = 08   Oper No. = 666666

Operator Signature
Operator Signature
CHARLES EDER

Remarks: HIGH AC
            0.400 Ac

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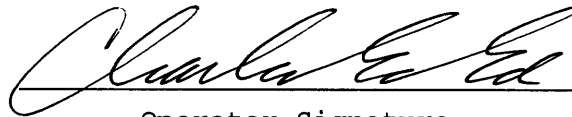NDOAG Crime Lab. Div., Bismarck, ND 58501

```
CMI, Inc. Intoxilyzer      Alcohol Analyzer
North Dakota Model 8000       SN 80-006678
Location = TOXL            8164.14.00 09/16
03/29/2022                          12:49
```

************* 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 #?            02621080A1
Standard Cyl #?            4
Standard Expiration?       03/05/2023
Oper No?                   666666

Flow Cal. Date:            08/22/2016
Slope                      686
Intercept                  -611596

IR Calibration Date:       08/22/2016
                        3um            9um
                   -------------------------
0th Coef(*100):     -15445         -21650
1st Coef(*100):      251854         131766
2nd Coef(*100):      3094           1378
H2O adj(mg/l*10k):   549            513
```

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

_____
          Operator Signature
          CHARLES EDER

Remarks: PRINT TEST

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

        CMI, Inc. Intoxilyzer      Alcohol Analyzer
        North Dakota Model 8000        SN 80-006678
        Location = TOXL            8164.14.00 09/16
        03/29/2022                            12:50


            Test                  AC            Time
        _____

        01 Room Air            0.000          12:51
        02 *Subject Test       INT*           12:51
        03 Room Air            0.000          12:52

        *Invalid Test
           Interferent Detected

        Sub Name = DISCOVER, THE SPIRIT
        Sub DOB = 02/01/1992
        Sub Sex = Female          Weight = 150
        Test = DUI            Cit = INTERFERENT
        Dr. Lic. = ND/DIS921456
        Lot No = 02621080A1
        Cyl No = 4
        Expiration Date = 03/05/2023
        County = 08              Oper No. = 666666
```

(signature)

                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 80-006678
          Location = TOXL            8164.14.00 09/16
          03/29/2022                          12:53

               Test                AC            Time
          ───────────────────────────────────────────

          01 Diagnostic            OK            12:54
          02 Room Air              0.000         12:54
          03 *Subject Test         RFI*          12:54
          04 Room Air              0.000         12:55

          *Invalid Test
             Inhibited - RFI

          Sub Name = DISCOVER, THE SPIRIT
          Sub DOB = 02/01/1992
          Sub Sex = Female              Weight = 150
          Test = DUI                 Cit = RFI CHECK
          Dr. Lic. = ND/DIS921456
          Lot No = 02621080A1
          Cyl No = 4
          Expiration Date = 03/05/2023
          County = 08            Oper No. = 666666



          I followed the Approved Method and the
          instructions displayed by the Intoxilyzer
          in conducting this test.
```
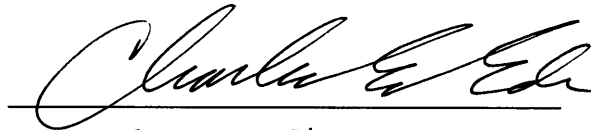
```
                Operator Signature
                  CHARLES EDER

          Remarks:      RFI CHECK


                   Form 106-I8000
```

```
CMI, Inc. Intoxilyzer      Alcohol Analyzer
North Dakota Model 8000        SN 80-006678
Location = TOXL             8164.14.00 09/16
03/29/2022                             12:55
```

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	0.082	12:57
05 Room Air	0.000	12:58
06 Std. Gas	0.081	12:58
07 Room Air	0.000	12:59
08 Std. Gas	0.081	12:59
09 Room Air	0.000	12:59
10 Std. Gas	0.081	13:00
11 Room Air	0.000	13:00
12 Std. Gas	0.082	13:01
13 Room Air	0.000	13:01
14 Std. Gas	0.082	13:02
15 Room Air	0.000	13:02
16 Std. Gas	0.082	13:02
17 Room Air	0.000	13:03
18 Std. Gas	0.082	13:03
19 Room Air	0.000	13:04
20 Std. Gas	0.082	13:04
21 Room Air	0.000	13:05
22 Std. Gas	0.082	13:05
23 Room Air	0.000	13:06
24 Std. Gas	0.081	13:06
25 Room Air	0.000	13:06
26 Std. Gas	0.082	13:07
27 Room Air	0.000	13:07
28 Std. Gas	0.081	13:08
29 Room Air	0.000	13:08
30 Std. Gas	0.081	13:09
31 Room Air	0.000	13:09
32 Cal Check Stats:		
33 Average	0.0816	
34 Std Dev	0.0005	
35 Rel Std Dev	0.63%	

Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK / STABILITY TEST
8.080 AC

Form 106-I8000