

**INTOXILYZER® 8000 INITIAL INSPECTION**

Intoxilyzer® 8000 Serial Number: 80-006508

**A. GENERAL Setup and Checks:**

- Power On  
 5 min. countdown during initial warm-up  
 1 min. countdown to begin test after standby mode
- Display Intensity (Ctrl + ↑ or ↓)
- Password Security:  
 Level 1 (Operator)    Level 2 (Field Inspector)    Level 3 (Lab Personnel)
- Printer Setup (Level 3,S,P)
- Forms Load (CMI, Inc., CoBrA Software)

**B. LEVEL 1 Setup and Checks:**

- Internal Printer Test and Paper Feed (Level 1,P). Attach record.
- External Printer Test (Level 1,P). Attach record.
- Barcode Reader (Level 1,B):  
 Operator ID    ND License    R key: Refusal. Attach record.

**C. LEVEL 2 Setup and Checks:**

- Continuous Air Blank (Level 2,A)
- Diagnostic (Level 2,D). Attach record.
- Prelim Data Entry (Level 2,E)
- Ser Number/Version Info (Level 2,V):  
Inst Ser#: 80-006508   DSP Ver: 1362.14  
Core Ver: 8164.13   CPLD Ver: 7

**D. LEVEL 3 Setup and Checks:**

- DVM Monitor (Level 3,D,D): 3: 12641 s: 2 C: 47.00  
9: 13335 s: 2 B: 45 0  
(RFI indicator with keyed radio): 1
- Function (F) Keys: :  F5 – Tone    F9 - Fan  
 F6 – Green LED    F10 – Pump  
 F7 – Red LED    F11 – Solenoid
- Atmospheric Monitor (Level 3,D,A): Atmo Sensor, P: 946 CF: 1.06
- Flow Monitor (Level 3,D,F): Flow Sensor, R: 266 F: 0.000 L/s

5. Temperature Monitor (Level 3,D,T): C: 47.0 A: 49.0 I: 0.0  
B: 44.9 V: 0.0
6. Tank Monitor (Level 3,D,G): P (display): 941 psi P (gauge): 950 psi
7.  General Setup (Level 3,S,G)
8.  Configure Start Test (Level 3,S,T)
9.  Network (Level 3,S,N)

**E. TESTS (attach all test records):**

**Configure wet bath simulator standards before running tests (Level 1,S):**

1. Zero AC (Level 1,C):  
Sim ser #: DR3375 Lot #: Milli Q Exp date: N/A  
Known value: 0.000 AC  
Results: 0.000 AC 0.000 AC 0.000 AC
2. Low AC (Level 1,C):  
Sim ser #: DR3374 Lot #: 14240 Exp date: 10/20/16  
Known value: 0.020  
Results: 0.020 AC 0.020 AC 0.020 AC
3. High AC (Level 1,C):  
Sim ser #: DR7111 Lot #: 201408C Exp date: 08/12/16  
Known value: 0.300  
Results: 0.300 AC 0.297 AC 0.297 AC

**Configure dry gas standard before running tests (Level 1,S):**

4. Ethanol + 0.05% Acetone (Level 1,B):  
Sim ser #: DR5144 Lot #: ICS 4 Exp date: 09/09/17  
Known value: 0.10 AC + 0.05% acetone  
 Display reads "Interferent Detect"
5. Acetone (Level 1,B):  
Sim ser #: DR3455 Lot #: ace 1 Exp date: 09/29/17  
Known value: 0.05% acetone  
 Display reads "Interferent Detect"
6. Methanol (Level 1,B):  
Sim ser #: DR5189 Lot #: Met 2 Exp date: 09/29/17  
Known value: 0.10% Methanol  
 Display reads "Interferent Detect"
7. Isopropanol (Level 1,B):  
Sim ser #: DR3454 Lot #: IPA 2 Exp date: 09/29/17  
Known value: 0.10% isopropanol  
 Display reads "Interferent Detect"

- 8.  Ambient Fail (Level 1,B): Display and test record read correct.
- 9.  Invalid Sample (Level 1,B): Display and test record read correct.
- 10.  Sequence Aborted (Level 1,B): Display and test record read correct.
- 11.  ABA (Level 1,B): Test record reads correct.
- 12.  Calibration Check Out of Tolerance (CMS mode): Display and test record read correct.
- 13.  RFI Detected (B,C, or CMS mode): Display and test record read correct.
- 14.  Tank Pressure Below Minimum (CMS mode): Display reads correct.
- 15.  Deficient Samples (CMS mode): Display and test record read correct.
- 16.  Improper Sample (CMS mode): Display and test record read correct.
- 17.  Difference Too Great (CMS mode): Display and test record read correct.
- 18.  CMS (CMS mode): Test record reads correct.
- 19. Stability Test (Level 3,T,S):

Ave: 0.0794 Std Dev: 0.0005 Rel Std Dev: 0.6270

Maintenance/Repairs/Notes: <sup>DS</sup> Initial inspection  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instrument is acceptable to be used in the field.

Deb Shanaver  
Field Inspector's Signature

23 Mar 2016  
Date

Charles E. Eden  
Reviewed by

23 MAR 16  
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer  
North Dakota Model 8000 SN 80-006508  
Location = TOXL 8164.13.00 06/09  
03/22/2015 14:45

\*\*\*\*\* Printer Test \*\*\*\*\*

12 char/line  
abcdefghijkl  
ABCDEFGHIJKL

16 char per line  
abcdefghijklmnop  
ABCDEFGHIJKLMN

21 chars per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMN

24 characters per line  
abcdefghijklmnopqrstuwx  
ABCDEFGHIJKLMN

32 characters per line  
abcdefghijklmnopqrstuwx123456  
ABCDEFGHIJKLMN

42 characters per line  
abcdefghijklmnopqrstuwx1234567890abcdef  
ABCDEFGHIJKLMN

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 Menfull? No  
# of Print Copies? 1  
Select Std (D/W/I)? Dry  
Standard Value? 0.080  
Standard Lot #? 80  
Standard Cyl #? 123456  
Standard Expiration? 11/11/2020  
Oper No? 77777

Flow Cal. Date: 08/20/2015  
Slope: 644  
Intercept: -568181

IR Calibration Date: 08/20/2015  
3um 9um

0th Coef(*100):	-22365	-18627
1st Coef(*100):	256969	136095
2nd Coef(*100):	3168	1444
H2O adj(mg/l*10K):	693	453

\*\*\*\*\* Test End \*\*\*\*\*

*Deb Shanauer*

Operator Signature  
DEB SHANAUER

Remarks:

*Print test*

Form 106-18000

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/22/2016                            15:58

\*\*\*\*\* 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?        No  
# of Print Copies?          1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            80  
Standard Cyl #?            123456  
Standard Expiration?        11/11/2020  
Oper No?                    777777

Flow Cal. Date:            08/20/2015  
Slope                        644  
Intercept                   -568181

IR Calibration Date:        08/20/2015

	3um	9um
0th Coef(*100):	-22365	-18627
1st Coef(*100):	256969	136095
2nd Coef(*100):	3168	1444
H2O adj(mg/l*10k):	693	453

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

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 80-006508  
Location = TOXL      8164.13.00 06/09  
03/22/2016      16:00

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 Shanaver*

Operator Signature  
DEB SHANAVER

Remarks: -

*Diagnostic*

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 80-006508  
Location = TOXL      8164.13.00 06/09  
03/23/2016      16:26

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:27
02 Std. Sol.	0.000	16:28
03 Room Air	0.000	16:28
04 Std. Sol.	0.000	16:29
05 Room Air	0.000	16:29
06 Std. Sol.	0.000	16:30
07 Room Air	0.000	16:31

08 Sim Temp = 34.0°C

Simul Ser No = DR3375  
Std Sol No = MILLIQ  
County = 08      Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

zero alcohol      0.000AC



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            16:19

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:20
02 Std. Sol.	0.020	16:20
03 Room Air	0.000	16:21
04 Std. Sol.	0.020	16:22
05 Room Air	0.000	16:22
06 Std. Sol.	0.020	16:23
07 Room Air	0.000	16:24


08 Sim Temp = 34.0°C

Simul Ser No = DR3374

Std Sol No = 14240

County = 08

Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

Low alcohol                    0.020 AC

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

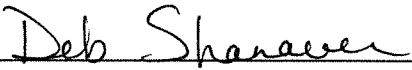
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006508  
Location = TOXL      8164.13.00 06/09  
03/23/2016      16:11

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:11
02 Std. Sol.	0.300	16:12
03 Room Air	0.000	16:13
04 Std. Sol.	0.297	16:13
05 Room Air	0.000	16:14
06 Std. Sol.	0.297	16:15
07 Room Air	0.000	16:15

08 Sim Temp = 34.0°C

Simul Ser No = DR7111  
Std Sol No = 201408C  
County = 08      Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

*High alcohol      0.300 AC*



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            14:42

Test	AC	Time
01 Diagnostic	OK	14:42
02 Room Air	0.000	14:43
03 *Subject Test	INT*	14:43
04 Room Air	0.000	14:44

\*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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                            Oper No. = 777777

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

Deb Shanaver  
Operator Signature  
DEB SHANAVER

Remarks:

*Interferent detected 0.059% acetone*

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


CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            14:35

Test	AC	Time
01 Diagnostic	OK	14:35
02 Room Air	0.000	14:36
03 *Subject Test	INT*	14:36
04 Room Air	0.000	14:37

\*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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                          Oper No. = 777777

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

*Interferent detected 0.10% methanol*

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


CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            14:30

Test	AC	Time
01 Diagnostic	OK	14:31
02 Room Air	0.000	14:31
03 *Subject Test	INT*	14:31
04 Room Air	0.000	14:32

\*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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                            Oper No. = 777777

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

*Interferent detected 0.1090 IPA*


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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-006508  
Location = TOXL                8164.13.00 06/09  
03/23/2016                            14:24

Test	AC	Time
01 Room Air	AMB*	14:25
02 Room Air	PUR**	14:26

\*Invalid Test  
  Check Ambient Conditions  
\*\*Purge Fail

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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                            Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

*Ambient fail (plus Purge fail)*






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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006508  
Location = TOXL      8164.13.00 06/09  
03/23/2016      14:15

Test	AC	Time
01 Room Air	0.000	14:15
02 *Subject Test	ABT*	14:15
03 Room Air	0.000	14:16

\*Sequence Aborted

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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08      Oper No. = 777777



Operator Signature  
DEB SHANAVER

Remarks:

*Sequence Aborted*

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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 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            13:37

Test	AC	Time
01 Diagnostic	OK	13:37
02 Room Air	0.000	13:38
03 Subject Test 1	0.000	13:38
04 Room Air	0.000	13:41
05 Std. Gas	0.101*	13:42
06 Room Air	0.000	13:43

\*Cal Check Out of Tolerance

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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                          Oper No. = 777777

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

*Calibration check out of tolerance*



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            13:05

Test	AC	Time
01 Diagnostic	OK	13:06
02 Room Air	0.000	13:06
03 *Subject Test	0.000*	13:09
04 Room Air	0.000	13:12
05 Std. Gas	0.080	13:13
06 Room Air	0.000	13:14
07 *Subject Test	0.000*	13:17
08 Room Air	0.000	13:19


No RFI Detected

\*Deficient Sample - Value Printed was  
Highest Obtained

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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                          Oper No. = 777777

20 minute waiting period ascertained? Y  
Clean Mouthpiece used and disposed? Y  
Clean Mouthpiece used and disposed? Y

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



Operator Signature  
DEB SHANAVER

Remarks:



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


CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            13:02

Test	AC	Time
01 Diagnostic	OK	13:03
02 Room Air	IPS*	13:03
03 Room Air	0.000	13:03

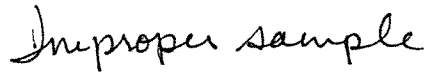
\*Improper Sample

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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                          Oper No. = 777777

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

  
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 80-006508  
Location = TOXL                    8164.13.00 06/09  
03/23/2016                            12:45


Test	AC	Time
01 Diagnostic	OK	12:46
02 Room Air	0.000	12:46
03 Subject Test 1	0.000	12:46
04 Room Air	0.000	12:48
05 Std. Gas	0.078	12:50
06 Room Air	0.000	12:51
07 Subject Test 2	0.000	12:51
08 Room Air	0.000	12:52
09 Reported AC	0.000	12:46

Difference OK  
No RFI 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 = 19615080A5  
Cyl No = 26  
Expiration Date = 09/05/2017  
County = 08                          Oper No. = 777777

20 minute waiting period ascertained? Y  
Clean Mouthpiece used and disposed? Y  
Clean Mouthpiece used and disposed? Y

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

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

CMS



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-006508  
Location = TOXL                 8164.13.00 06/09  
03/22/2016                        16:42

Test	AC	Time
01 Room Air	0.000	16:42
02 Std. Gas	0.079	16:43
03 Room Air	0.000	16:43
04 Std. Gas	0.079	16:44
05 Room Air	0.000	16:44
06 Std. Gas	0.079	16:45
07 Room Air	0.000	16:45
08 Std. Gas	0.079	16:46
09 Room Air	0.000	16:46
10 Std. Gas	0.080	16:47
11 Room Air	0.000	16:47
12 Std. Gas	0.079	16:48
13 Room Air	0.000	16:48
14 Std. Gas	0.079	16:49
15 Room Air	0.000	16:49
16 Std. Gas	0.079	16:50
17 Room Air	0.000	16:50
18 Std. Gas	0.079	16:51
19 Room Air	0.000	16:51
20 Std. Gas	0.079	16:52
21 Room Air	0.000	16:52
22 Std. Gas	0.079	16:53
23 Room Air	0.000	16:53
24 Std. Gas	0.079	16:54
25 Room Air	0.000	16:54
26 Std. Gas	0.080	16:55
27 Room Air	0.000	16:55
28 Std. Gas	0.080	16:56
29 Room Air	0.000	16:56
30 Std. Gas	0.079	16:57
31 Room Air	0.000	16:57
32 Std. Gas	0.080	16:58
33 Room Air	0.000	16:58
34 Std. Gas	0.080	16:59
35 Room Air	0.000	16:59
36 Std. Gas	0.079	17:00
37 Room Air	0.000	17:01
38 Std. Gas	0.080	17:01
39 Room Air	0.000	17:02
40 Std. Gas	0.080	17:02
41 Room Air	0.000	17:03
42 Cal Check Stats:		
43 Average	0.0794	
44 Std Dev	0.0005	
45 Rel Std Dev	0.62%	

Stability test  
Deb Shenaver  
p. 1 of 2

Operator Signature  
DEB SHANAVER

Remarks:

lot#: 19615080A5

cyl#: 26

Exp: 09/05/2017

Form 106-I8000

Stability test  
Deb Shanaver  
p. 2 of 2