# Thoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000719 Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS			
ě		Replaced Breath Hose	0	Yearly QA Complete	0
		ETOH Free Breath Test	$\bigcirc$		
6/1/17	Im	Software Update:	-	Next QA Due:	
0111	V				
		notewhen Fortoxily	zur came do	lab has lotBstankwi	EXP:08
		Current Location: Law			215/17 VN
		Replaced Breath Hose	$\bigcirc$	Yearly QA Complete	$\bigcirc$
		ETOH Free Breath Test	$\bigcirc$		
7-13-17	Um	Software Update: 71	22.15	Next QA Due:	
1	- / / (	Other (comments)			
		Current Location:			
		Replaced Breath Hose	$\bigcirc$	Yearly QA Complete	$\bigcirc$
		ETOH Free Breath Test			
		Software Update:		Next QA Due:	
		Other (comments)			an .
		*			
		Current Location:			
		Replaced Breath Hose	$\bigcirc$	Yearly QA Complete	$\bigcirc$
		ETOH Free Breath Test			
		Software Update:		Next QA Due:	
		Other (comments)			
		Current Location:			
		Replaced Breath Hose	$\bigcirc$	Yearly QA Complete	$\bigcirc$
		ETOH Free Breath Test	$\bigcirc$		
		Software Update:		Next QA Due:	7
		Other (comments)			
		Current Location:			
	, ,	Replaced Breath Hose	$\circ$	Replaced RT Battery	$\circ$
	X.	ETOH Breath Test		Yearly QA Complete	0
		Software Update:		Next QA Due:	Ť.
1		Other (comments)			
,		*			
	1	Current Location:			

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80- 000719 Year: 2016 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
3 30 16	6F	Changed GEBS Tank
412116	ŢS	Location Change: removed from vehicle # 7046     Changed GEBS Tank
6/26/16 7/26/16	JS	Location Change: Sent to CMT - failing the Exprom part of dignostics  Changed GEBS Tank Level 2 Cal Check Replaced Regulator  Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due:  Replaced Power Cord Replaced RT Battery  Software update:  Other (comments)
6/3/16	GF	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replaced RT Battery Software update:  Other (comments)
9-19-16	M	Location Change:  Changed GEBS Tank
2-9-17	1M.	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) On 2/5/17 - test message Voltage / Current text - Replaced Power Cord Replaced RT Battery Location Change: Both Diagnostic text Passed - ok to see

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-000719 Year: 2014 Location:

DATE	INITIALS	MAINTENANCE/COMMENTS
6-274	UM	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 6-26-15 Replaced Power Cord Replaced RT Battery Software update: Other (comments)  Location Change:
8/20/14	6 F	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery TO CMI Software update: Other (comments) Inconsistent modern fail control Stability testing of GEBS Tank 0.200 resulted in Standard dev. of 0.0014. Uncertainty of measurement Location Change: Returned to lab on 9/2014 not in range
10m 8-2-14 + 8-3-14	Um	Changed GEBS Tank Level 2 Cal Check Replaced Regulator  Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: 10-1-15 Replaced Power Cord Replaced RT Battery  Software update: Breash 3rd Digit formed on  Other (comments) when Using Direct connect Point to download got Yearld Space Point and Direct download worked Location Change:
5-6-15	JM	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) LTOH Free Breach Lot Location Change: Moved to Car # 7048
10/1/15	Jm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: Yearly QA/Due: X Replaced Power Cord Replaced RT Battery Software update:  Other (comments) Placed back in car # 7048
	1	Location Change:
12-7-15	Jm'	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: Software update: Comments Free Breath TevT

Intoxilyzer 8000 Instrument Serial#: 80-000719

On 6/3/16, Criminalist Farinas performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial # 80-000719 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:				
Time and Date Correct	×		Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	×		RFI Detection	×
Invalid Sample Check	×		Interferent (Acetone) Detection	×
Deficient Sample Check	×		Ambient Detection	×
Improper Sample Check	×		CalCheck Failed (GEBS value wrong)	×
Breath Test Refusal Feature	×		Magnetic Strip Reader Operational	×
Aborting Test using Start Button	×		Direct Connect to COBRA	×
Successful Alcohol Free Breath Test	×		Instrument Cleaned	×
Pressure Reading: Instrument P: 122 psi	Regulator 20 psi	Temp	erature Check: Breath Hose: 45.0°C Breath	h Cell: <b>47.0°</b> C

**Dry Gas Standard Analysis** 

Certified Value: (g/210L): 0.040

Lot#: 07515040A5 Expiration: 4/5/2017

Expiration. 4/5/2017		
Replicate	Result (g/210L)	
1	0.041	
2	0.040	
3 ·	0.039	
4	0.040	
5	0.040	
6	0.041	
7	0.040	
8	0.040	
9	0.040	
10	0.040	

Mean Value: 0.0401 (g/210L) Standard Deviation: 0.0005 Certified Value: (g/210L): 0.080

Lot#: **12415080A5** Expiration: **6/5/2017** 

Replicate	Result (g/210L)
1	0.078
2	0.080
3	0.079
4	0.080
5	0.079
6	0.079
7	0.079
8	0.079
9	0.079
10	0.079

Mean Value: 0.0791 (g/210L) Standard Deviation: 0.0005 Certified Value: (g/210L): 0.200

Lot#: 26615200A1 Expiration: 10/5/2017

Expiration. 10/3/2017			
Replicate	Result (g/210L)		
1	0.196		
2 .	0.196		
3	0.196		
4	0.197		
5	0.197		
6	0.198		
7	0.197		
8	0.198		
9	0.197		
10	0.196		

Mean Value: 0.1968 (g/210L) Standard Deviation: 0.0007 GEBS Verification: (g/210L): 0.100

Lot#: 32114100A1 Expiration: 12/5/2016

20 Replicates (g/210L)				
1	0.100	11	0.100	
2	0.101	12	0.100	
3	0.100	13	0.100	
4	0.100	14	0.100	
5	0.100	15	0.100	
6	0.100	16	0.101	
7	0.101	17	0.101	
8	0.101	18	0.100	
9	0.100	19	0.101	
10	0.100	20	0.100	

Mean Value: 0.1003 (g/210L) Standard Deviation: 0.0004

This report certifies this instrument for field use. Certificate Issue Date: 6/3/2016

Certified by Criminalist: Grace Farinas #8445 January

Technical Review: Date: 6/6/16 Administrative Review: M Date: 6-20-16 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Intoxilyzer 8000 Instrument Serial#: 80-000719

On 10/1/2015, Criminalist Merzwski performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-000719 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:			
Time and Date Correct	×	Successful Alcohol Breath Test	
Diagnostics Testing Pass All Parameters	×	RFI Detection	
Invalid Sample Check	×	Interferent (Acetone) Detection	
Deficient Sample Check	×	Ambient Detection	
Improper Sample Check	×	CalCheck Failed (GEBS value wrong)	
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational	
Aborting Test using Start Button	×	Direct Connect to COBRA	
Successful Alcohol Free Breath Test	×	Instrument Cleaned	
Pressure Reading: Instrument P: 503 psi	Regulator: 500 psi	Temperature Check: Breath Hose: 44.8°C Breath Cell: 4	7.0°C

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5/1/2016

Expiration: 5/1/20	J10
Replicate	'Result (g/210L)
1	0.041
2	0.040
3	0.040
4	0.041
5 .	0.042
6	0.040
7	0.041
8	0.041
9	0.040
10	0.040

Mean Value: 0.0406 (g/210L) Standard Deviation: 0.0006

Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6/5/2016

Replicate	Result (g/210L)
1	0.081
2	0.081
3	0.080
4	0.080
5	0.081
6	0.080
7	0.081
8	0.080
9	0.081
10	0.080

Mean Value: 0.0805 (g/210L) Standard Deviation: 0.0005

Certified Value: (g/210L): 0.200

Lot#: 17414200A1 Expiration: 7/5/2016

Replicate	Result (g/210L)
1	0.200
2 -	0.200
3	0.200
4	0.200
5	0.200
6	0.199
7	0.201
8	0.200
9	0.200
10	0.200

Mean Value: 0.2000 (g/210L) Standard Deviation: 0.0004

GEBS Verification: (g/210L): 0.100

Lot#: 07014100A1 Expiration: 5/1/2016

20 Replicates (g/210L)				
1	0.100	11	0.100	
2	0.099	12	0.099	
3	0.099	13	0.099	
4	0.100	14	0.099	
5	0.099	15	0.099	
6	0.100	16	0.099	
7	0.100	17	0.099	
8	0.099	18	0.099	
9	0.100	19	0.100	
10	0.100	20	0.100	

Mean Value: 0.0994 (g/210L) Standard Deviation: 0.0005

This report certifies this instrument for field use. Certificate Issue Date: 10/1/2015

Certified by Criminalist: Junghi Lisa Merzwski 8178 Technical Review: VM Date: 10-5-15 Administrative Review: WD Date: 10-6-15 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

G:\Laboratory\Forensic Chemistry

#### Certificate of Calibration

This is to sertify the calibration of Intoxilyzer ® serial number ) (XXXXII), manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58, No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Me Signed

INC.

316 East 9th Street Owensboro, KY 42303 USA

Part No. 650517 Rev A

### **Certificate of Calibration**

This is to certify the calibration of **Intoxilyzer** serial number 80\_0070, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58, No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date September 19, 2014 Signed Wor

Technician



#### Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000726 Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS			
	,	Replaced Breath Hose	0	Yearly QA Complete	0
		ETOH Free Breath Test	$\bigcirc$		
1 10	VM	Software Update:	•	Next QA Due:	
6-01-17	VIV	Other (comments)			
		note: when throwing	zer came to L	-ab had GEBS TANK W. Exp: 2-5-17	<u> </u>
	~ ~~~	Current Location: LaB		Exp: 2-5-17	
- <del>₹</del>		Replaced Breath Hose	9	Yearly QA Complete	
		ETOH Free Breath Test	$\bigcirc$		
21817	Jm	Software Update:		Next QA Due:	
7-18-17	and the same of th	Other (comments)			
	jp				
	0	Current Location:	· · · · · · · · · · · · · · · · · · ·	•	
		Replaced Breath Hose	$\bigcirc$	Yearly QA Complete	
		ETOH Free Breath Test			
		Software Update:		Next QA Due:	
		Other (comments)			
		Current Location:			
		Replaced Breath Hose		Yearly QA Complete	$\circ$
		ETOH Free Breath Test	$\bigcirc$	•	
		Software Update:		Next QA Due:	
		Other (comments)			
	·				
		Current Location:			
		Replaced Breath Hose		Yearly QA Complete	$\circ$
		ETOH Free Breath Test	•		
				Next QA Due:	
	i i	Other (comments)			
		Current Location:			
,	,	Replaced Breath Hose	_	Replaced RT Battery	Ō
	,	ETOH Breath Test		Yearly QA Complete	0
				Next QA Due:	
,		Other (comments)			
			1 1 10 10 10 10 10 10 10 10 10 10 10 10 10 10		
		Current Location:			

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-000774 Year: 3014 Location: Lab

Processor and the second second	The state of the s	Document of the Location of th
DATE	INITIALS	MAINTENANCE/COMMENTS
4/1/16	GF	Changed GEBS Tank
		Location Change: Installed in vehicle # 7350" (per email from John Ampo
6/9/16	6F	Changed GEBS Tank
		Location Change: Aemoved from Vehicle for Annual QA
4/14/16	4m	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 4/4/2 Replaced Power Cord Replaced RT Battery Replaced Power Cord Replaced RT Battery Replaced Mag strip Other (comments)
ર્શાટ <u>ી</u> 16	JS	Location Change:  Changed GEBS Tank
		Location Change: Room 213 for correlation study
8/12/16	JS	Changed GEBS Tank
		I acation Change Office tale August to use of the line of the state of
		Changed GEBS Tank Level 2 Cal Check Replaced Regulator
,	, ,	Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due:  Replaced Power Cord Replaced RT Battery  Software update: Other (comments)
	1	Location Change:

#### Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000726 Year: 2015 Location: LAB DATE **INITIALS** MAINTENANCE/COMMENTS Changed GEBS Tank [ Level 2 Cal Check Replaced Regulator Replaced Breath Hose Yearly QA/Due: 6/11/16 Replace/Fix Silver Nut [ Replaced Power Cord Replaced RT Battery 6/11/15 Jim Software update: Other (comments) Location Change: Changed GEBS Tank [ Level 2 Cal Check Replaced Regulator Replaced Breath Hose [ Replace/Fix Silver Nut Yearly QA/Due: ym Replaced Power Cord [ 6/18/15 Replaced RT Battery Software update: Other (comments) CA17# 7051 Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery | 8-11-15 Software update: Other (comments) Location Change: FN LAB Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery 9-9-15 VM Software update: Other (comments) ETOH free Breach test Location Change: In Cur 7051 Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut □ Yearly QA/Due: 1-410-15 Replaced Power Cord Replaced RT Battery Software update: un Officer John Ampal had text message Return to Lab, Calchecy Faited Other (comments) officer John Ampel dida Etatt free Breath test and timbered tank cornection test successful Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery 3/0/14 GF Software update: Other (comments) Location Change: removed from car # 7051 on 3/4/16 and is being stored at Traffic (per email from John Ampol)

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-2007 Year: 2014 Location:

DATE	INITIALS	MAINTENANCE/COMMENTS
6-16-14	VM	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Model to Cac 7048, ETOH free breath text Location Change:
10-9-4 vm	Um	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Changed Kayboard and power cord ETOH Free breash text Location Change:
12-18-14	Vm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Software update:  Other (comments) Changed Wayboard and to TOH free breash Location Change:
5-5-16 5-5-16	JA7 0m 5.5-15	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Table Section Section Change: Replaced to Section Section Change: Replaced RT Battery Location Change: Replaced RT Battery  Location Change: Replaced Regulator  The section Secti
5-6-15	JM	Changed GEBS Tank
5-27-18	1W-	Changed GEBS Tank

Intoxilyzer 8000 Instrument Serial#: 80-000726

On 6/29/16, 6/30/16, & 7/14/16, Supervising Criminalist Merzwski performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial # 80-000726 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:			
Time and Date Correct	×	Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	×	RFI Detection	×
Invalid Sample Check	×	Interferent (Acetone) Detection	×
Deficient Sample Check	×	Ambient Detection	X
Improper Sample Check		CalCheck Failed (GEBS value wrong)	X
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational	X
Aborting Test using Start Button	×	Direct Connect to COBRA	×
Successful Alcohol Free Breath Test	×	Instrument Cleaned	×
Pressure Reading: Instrument P: 665 psi	Regulator: 750 psi	Temperature Check: Breath Hose: 44.9°C Breath	Cell: 47.0°C

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: **07515040A5** Expiration: **4/5/2017** 

Replicate	Result (g/210L)
1	0.041
2	0.040
3	0.041
4	0.041
5	0.041
6	0.042
7	0.040
8	0.041
9	0.040
10	0.041

Mean Value: 0.0408 (g/210L) Standard Deviation: 0.0006 Certified Value: (g/210L): 0.080

Lot#: **12415080A5** Expiration: **6/5/2017** 

Replicate	Result (g/210L)
1	0.079
2	0.079
3	0.080
4	0.079
5	0.079
6	0.079
7	0.078
8	0.080
9	0.079
10	0.079

Mean Value: 0.0791 (g/210L) Standard Deviation: 0.0005 Certified Value: (g/210L): 0.200

Lot#: **26615200A1** Expiration: **10/5/2017** 

Replicate	Result (g/210L)
-1	0.196
2 .	0.195
3	0.196
4	0.195
5	0.195
6	0.195
7	0.196
8	0.196
9	0.196
10	0.196

Mean Value: 0.1956 (g/210L) Standard Deviation: 0.0005 GEBS Verification: (g/210L): 0.100

Lot#: 36314100A4 Expiration: 2/5/2017

	20 Replic	ates (g/2	
1	0.100	11	0.099
2	0.099	12	0.099
3	0.099	13	0.099
4	0.099	14	0.099
5	0.099	15	0.099
6	0.099	16	0.099
7	0.099	17	0.100
8	0.099	18	0.099
9	0.099	19	0.099
10	0.100	20	0.100

Mean Value: 0.0992 (g/210L) Standard Deviation: 0.0004

This report certifies this instrument for field use. Certificate Issue Date: 7/14/2016 Certified by Supervising Criminalist: Lisa Merzwski dia Mgli:

Technical Review: Date: 7-18-16 Administrative Review: Date: 7-18-16 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Intoxilyzer 8000 Instrument Serial#: 80-000726

On 6/9/2015 to 6/11/2015, Criminalist Merzwski performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial # 80-000726, using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:			
Time and Date Correct	X	Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	X	RFI Detection	×
Invalid Sample Check	×	Interferent (Acetone) Detection	×
Deficient Sample Check	X	Ambient Detection	×
Improper Sample Check	X	CalCheck Failed (GEBS value wrong)	×
Breath Test Refusal Feature	X	Magnetic Strip Reader Operational	×
Aborting Test using Start Button	X	Direct Connect to COBRA	×
Successful Alcohol Free Breath Test	×	Instrument Cleaned	×
Pressure Reading: Instrument P: 970 psi	Regulator: 1000 psi	Temperature Check: Breath Hose: 45.1 °C	C Breath Cell: 47.0 °C

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5/1/2016

Replicate	Result (g/210L)
1	0.041
2	0.041
3	0.041
4	0.041
5	0.040
6	0.041
7	0.041
8	0.041
9	0.040
10	0.041

Mean Value: **0.0408** (g/210L) Standard Deviation: **0.0004**  Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6/5/2016

Replicate	Result (g/210L)
1	0.080
2	0.080
3	0.080
4	0.081
5	0.080
6	0.080
7	0.080
8	0.079
9	0.080
10	0.080

Mean Value: **0.0800** (g/210L) Standard Deviation: **0.0004** 

Certified Value: (g/210L): 0.200

Lot#: 19613200A6 Expiration: 8/1/2015

Replicate	Result (g/210L)
1	0.197
2	0.198
3	0.197
4	0.197
5	0.199
6	0.198
7	0.198
8	0.198
9	0.198
10	0.199

Mean Value: **0.1979** (g/210L) Standard Deviation: **0.0007** 

GEBS Verification: (g/210L): 0.100

Lot#: 36314100A4 Expiration: 2/5/2017

	20 Replicates (g/210L)			
1	0.100	11	0.100	
2	0.100	12	0.099	
3	0.100	13	0.099	
4	0.099	14	0.099	
5	0.100	15	0.100	
6	0.100	16	0.100	
7.	0.100	17	0.100	
8	0.100	18	0.100	
9	0.099	19	0.100	
10	0.100	20	0.100	

Mean Value: **0.0997** (g/210L) Standard Deviation: **0.0004** 

This report certifies this instrument for field use. Certificate Issue Date: 6/11/2015

Technical Review: Date: Da

### Certificate of Calibration

Date April 15, 2013 Signed Doli Roh

INC.

Technician

316 East 9<sup>th</sup> Street Owensboro, KY 42303 USA

Part No. 650517 Rev.A

# SDPD CRIME LABORATORY FORENSIC CHEMISTRY UNIT Inoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006055 Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS
		Replaced Breath Hose Yearly QA Complete
		ETOH Free Breath Test
. ~ 0	.000	Software Update: Next QA Due:
6-21-17	gre	Other (comments)
		note when Fortoxi yres came to Lab has GEBS tankul
		Current Location: UB & Exf: 16-5-16
		Replaced Breath Hose Yearly QA Complete
		ETOH Free Breath Test
200	100	Software Update: \$133.15 Next QA Due:
1-13-11	J'I'C	Other (comments)
		Current Location:
		Replaced Breath Hose Yearly QA Complete
		ETOH Free Breath Test
		Software Update: Next QA Due:
		Other (comments)
		Current Location:
		Replaced Breath Hose Yearly QA Complete
		ETOH Free Breath Test
		Software Update: Next QA Due:
		Other (comments)
		Current Location:
		Replaced Breath Hose Yearly QA Complete
		ETOH Free Breath Test
		Software Update: Next QA Due:
		Other (comments)
	,	Other (confinents)
		Current Location:
,	, >	Replaced Breath Hose Replaced RT Battery
	v v	ETOH Breath Test Yearly QA Complete
		Software Update: Next QA Due:
r		Other (comments)
	4	
	î	Current Location:

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-006055 Year: 2010 Location: Van

DATE	INITIALS	MAINTENANCE/COMMENTS
7/5/16	6F	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) On 6-24-16, Cal-check Failed return instrument to Lab message Location Change:
7-13-16	Vm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator 7 Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: 7-12-11 Software update:  Other (comments)  Location Change:
7-21-16	Vm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Location Change: Van
		Changed GEBS Tank
		Location Change:  Changed GEBS Tank
	, *	Changed GEBS Tank

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-000055 Year: 2013 Location: \\ \( \)

DATE	INITIALS	MAINTENANCE/COMMENTS
10/18/13	<del>9</del> 94	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: VIX
19/24/13	god	Changed GEBS Tank
7/8/14	J07	Changed GEBS Tank  Level 2 Cal Check  Replaced Regulator  Replaced Breath Hose  Replace/Fix Silver Nut  Yearly QA/Due: 1/6/6  Replaced Power Cord  Replaced RT Battery  Software update:  Other (comments)  Secate 3 xal digit turned on Location Change:
7/7/15	JM	Changed GEBS Tank
7/10/15	7W	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 7-9-16 PReplaced Power Cord Replaced RT Battery Software update:  Other (comments) LTOH free text  Location Change: TO DUT Vac
7-5-16	NW.	Changed GEBS Tank

Intoxilyzer 8000 Instrument Serial#: 80-006055

On 7/12/16 and 7/13/16, Criminalist McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006055 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:		GEBS used: Certified Value: (g/210L): 0.100 Lot#: 089	15100A2 Expiration: 5/5/17
Time and Date Correct	×	Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	×	RFI Detection	×
Invalid Sample Check	×	Interferent (Acetone) Detection	×
Deficient Sample Check	×	Ambient Detection	×
Improper Sample Check	×	CalCheck Failed (GEBS value wrong)	×
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational	×
Aborting Test using Start Button	×	Direct Connect to COBRA	×
Successful Alcohol Free Breath Test	×	Instrument Cleaned	×
Pressure Reading: Instrument P: 56 psi	Regulator: ~50 psi	Temperature Check: Breath Hose: 45.0°C Breath	Cell: <b>47.0°</b> C

Dry Gas Standard Analysis

Certified Value: (g/210L): 0.040

Lot#: 07515040A5 Expiration: 4/5/2017

ехриацон. 4/3/2017		
Replicate	Result (g/210L)	
1	0.039	
2	0.039	
3	0.039	
4	0.040	
5	0.040	
6	0.039	
7	0.040	
8	0.039	
9	0.040	
10	0.040	

Mean Value: 0.0395 (g/210L) Standard Deviation: 0.0005

Certified Value: (g/210L): 0.080

Lot#: 12415080A5 Expiration: 6/5/2017

Expiration: 0/3/20	U1 /
Replicate	Result (g/210L)
1	0.079
2	0.079
3	0.079
4	0.079
5	0.079
6	0.079
7	0.079
8	0.079
9	0.079
10	0.078

Mean Value: 0.0789 (g/210L) Standard Deviation: 0.0003

Certified Value: (g/210L): 0.200 Lot#: 26615200A1

Expiration: 10/5/2017

Replicate	Result (g/210L)
1	0.197
2 .	0.196
3	0.196
4	0.195
5	0.195
6	0.196
7	0.196
8	0.195
9	0.195
10	0.195

Mean Value: 0.1956 (g/210L) Standard Deviation: 0.0006

GEBS Verification: (g/210L): 0.100

Lot#: 06616100A1 Expiration: 4-5-18

20 Replicates (g/210L)			
1	0.098	11	0.098
2	0.097	12	0.098
3	0.098	13	0.097
4	0.098	14	0.098
5	0.098	15	0.098
6	0.097	16	0.097
7	0.098	17	0.098
8	0.097	18	0.098
9	0.098	19	0.098
10	0.097	20	0.097

Mean Value: 0.0976 (g/210L) Standard Deviation: 0.0004

This report certifies this instrument for field use. Certificate Issue Date: 7/13/2016

Technical Review: The Date: 7/14-16 Administrative Review: Date: 7/18/16

The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

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Intoxilyzer 8000 Instrument Serial#: 80-006055

On 7-10-2015, Criminalist Velvet McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006055 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:			₹
Time and Date Correct		Successful Alcohol Breath Test	
Diagnostics Testing Pass All Parameters		RFI Detection	
Invalid Sample Check		 Interferent (Acetone) Detection	
Deficient Sample Check		Ambient Detection	
Improper Sample Check	<b>3</b>	CalCheck Failed (GEBS value wrong)	
Breath Test Refusal Feature		Magnetic Strip Reader Operational	
Aborting Test using Start Button		Direct Connect to COBRA	
Successful Alcohol Free Breath Test		Instrument Cleaned	
Pressure Reading: Instrument P:319 psi	Regulator: ~300 psi	Temperature Check: Breath Hose: 45 °C	Breath Cell: 47 °C

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5-1-2016

Replicate	'Result (g/210L)
1	0.039
2	0.039
3	0.038
4	0.039
5	0.039
6	0.040
7	0.039
8	0.040
9	0.040
10	0.039

Mean Value: 0.0392 (g/210L) Standard Deviation: 0.0006 Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6-5-2016

Replicate	Result (g/210L)
1	0.078
2	0.078
3	0.079
4	0.078
5	0.079
6	0.078
7	0.079
8	0.078
9	0.079
10	0.079

Mean Value: 0.0785 (g/210L) Standard Deviation: 0.0005 Certified Value: (g/210L): 0.200

Lot#: 17414200A1 Expiration: 7-5-2016

Replicate	Result (g/210L)
1	0.197
2 .	0.197
3	0.194
4	0.196
5	0.196
6	0.196
7	0.196
8	0.196
9	0.197
10	0.196

Mean Value: 0.1961 (g/210L) Standard Deviation: 0.0008 GEBS Verification: (g/210L): 0.100

Lot#: 29113100A1 Expiration: 11-1-2015

	20 Replicat	es (g	/210L)
1	0.098	11	0.098
2	0.099	12	0.099
3	0.099	13	0.099
4	0.099	14	0.098
5	0.099	15	0.098
6	0.099	16	0.098
7	0.099	17	0.098
8	0.098	18	0.099
9	0.099	19	0.099
10	0.099	20	0.098

Mean Value: 0.0986 (g/210L) Standard Deviation: 0.0005

This report certifies this instrument for field use. Certificate Issue Date: 7-10-2015

Technical Review: Date: 7-10-15 Administrative Review: Date: 7/10/15

Certified by Criminalist: 1/5 mg 8256

The Uncertainty of Measurement is  $\pm$  0.006 at a 99% confidence interval

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### Certificate of Calibration

This is to certify the calibration of **Intoxilyzer** ® serial number MO 55, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date Oct. 9, 2013 Signed Da

316 East 9th Street Owensboro, KY 42303 USA

Part No. 650517 Rev.A



## SDPD CRIME LABORATORY

# FORENSIC CHEMISTRY UNIT Inoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006057 Software Version:

DATE	INITIALS		MAINTENANC	E / COMMENTS	
1		Replaced Breath Hose	0	Yearly QA Complete	0
		ETOH Free Breath Test	$\bigcirc$		
2/22/17		Software Update:		Next QA Due:	
	VV	Other (comments)			
		used for mark clo	: 5		
		Current Location:			
		Replaced Breath Hose		Yearly QA Complete	$\bigcirc$
7122117		ETOH Free Breath Test	0		
3120117	1/0	Software Update:		Next QA Due:	
	V	Other (comments)	ANNUAL STATE OF THE STATE OF TH		
		used for intox	class		
		Current Location:			
		Replaced Breath Hose	•	Yearly QA Complete	$\bigcirc$
		ETOH Free Breath Test	,		
4/6/17	1100	Software Update:		Next QA Due:	
1/011	U/·	Other (comments)			
		0	. 5 6/		
		Current Location: Row			
		Replaced Breath Hose		Yearly QA Complete	$\circ$
		ETOH Free Breath Test	<u> </u>		
6/21/17	AP.			Next QA Due:	
Φ,	0	Other (comments)			
		C lala			
		Current Location: Lab	NO.	V1 OA G1	
		Replaced Breath Hose		Yearly QA Complete	O
212-17	(100	ETOH Free Breath Test Software Update: Upd		Novt OA Duoi	
	JVV			Next QA Due:	
	ide	Other (comments)			
		Current Location:			
*	, *	Replaced Breath Hose	$\bigcap$	Replaced RT Battery	$\overline{}$
		ETOH Breath Test	•	Yearly QA Complete	
		Software Update:		,	
·		0.1 ( )	Ø/A		
	9				*
		Current Location:	The same of the sa		

Intoxilyzer 8000 Maintenance Log

Name and Address of the Control of t	THE U.S. OF SHARE	Serial Number: 80-0003 / Year: 2016 Location: Date
DATE	INITIALS	MAINTENANCE/COMMENTS
7-12-16	VM	Changed GEBS Tank
~ 0		Other (comments) Started Yearry QA, may neric Strip Notworking, <u>seplaced may Strip</u> (Not in use for case work)  Location Change:
9-26-16	Um	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Cal Check falled message. Cal Port Not Plugged in Chock falled message. Cal Port Not Location Change:
10-3-16	vm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) CEBS Checks all With Cange Location Change:
12 10-9-16 905	GF	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 12/6/13/X Replaced Power Cord Replaced RT Battery Software update:  Other (comments)  Location Change:
		Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Location Change:
,	, *	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Software update: Other (comments)  Location Change:

Intoxilyzer 8000 Maintenance Log

		Serial Number: 80- VV VV V T Tear 2013 Location: VOI
DATE	INITIALS	MAINTENANCE/COMMENTS
10/18/2013	JOH O	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 10/18/14 Salver Nut Changed Replaced Regulator Yearly QA/Due: 10/18/14 Salver Nut Change: Contact Change: Change Replaced Regulator Yearly QA/Due: 10/18/14 Salver Nut Change: Change Replaced Regulator Yearly QA/Due: 10/18/14 Salver Nut Change: Chan
2/2013	494	Changed GEBS Tank
THO/KI	fort	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: 14/15 W Replaced Power Cord Replaced RT Battery Software update: Other (comments) 3 routh 3 rd digit turned or Location Change:
7/1/15	VM	Changed GEBS Tank
7110115	J~	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: 7-9-16 Replaced Power Cord Replaced RT Battery Software update: Other (comments) ETOH free Jest Location Change: 10 DUI VAN
7-5-16	Vm;	Changed GEBS Tank

Intoxilyzer 8000 Instrument Serial#: 80-006057

On 12/8/16 and 12/9/16, Criminalist Farinas performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial # 80-006057 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:		GEBS used: Certified Value: (g/210L): 0.100 Lot#: 2301	16100A1 Expiration: 9/5/18
Time and Date Correct	X	Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	×	RFI Detection	×
Invalid Sample Check	×	Interferent (Acetone) Detection	×
Deficient Sample Check	×	Ambient Detection	×
Improper Sample Check	X	CalCheck Failed (GEBS value wrong)	<b>X</b>
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational	×
Aborting Test using Start Button	×	Direct Connect to COBRA	X
Successful Alcohol Free Breath Test	X	Instrument Cleaned	×
Pressure Reading: Instrument P: 1010 psi	Regulator: ~1000 psi	Temperature Check: Breath Hose: 45.1°C Breath	n Cell: <b>47.0°</b> C

**Dry Gas Standard Analysis** 

Certified Value: (g/210L): 0.040

Lot#: **12716040A8** Expiration: **6/5/2018** 

Replicate	Result (g/210L)
1	0.038
2	0.038
3	- 0.038
4	0.038
5	0.038
6	0.038
7	0.038
8	0.039
9	0.038
10	0.038

Mean Value: 0.0381 (g/210L) Standard Deviation: 0.0003 Certified Value: (g/210L): 0.080

Lot#: **12716080A5** Expiration: **6/5/2018** 

Replicate	Result (g/210L)
1	0.079
2	0.079
3	0.079
4	0.079
5	0.079
6	0.079
7	0.079
8	0.079
9	0.079
10	0.079

Mean Value: 0.0790 (g/210L) Standard Deviation: 0.0000 Certified Value: (g/210L): 0.200

Lot#: **24316200A2** Expiration: **10/5/2018** 

Replicate	Result (g/210L)
1	0.199
2 *	0.199
3	0.198
4	0.199
5	0.199
6	0.200
7	0.199
8	0.199
9	0.200
10	0.200

Mean Value: 0.1992 (g/210L) Standard Deviation: 0.0006 GEBS Verification: (g/210L): 0.100

Lot#: 23016100A1 Expiration: 9/5/2018

	20 Replic	ates (g/	210L)
1	0.099	11	0.100
2	0.100	12	0.100
3	0.100	13	0.099
4	0.100	14	0.100
5	0.099	15	0.099
6	0.100	16	0.100
7	0.099	17	0.099
8	0.100	18	0.100
9	0.099	19	0.099
10	0.100	20	0.099

Mean Value: 0.0995 (g/210L) Standard Deviation: 0.0005

This report certifies this instrument for field use. Certificate Issue Date: 12/9/2016

Technical Review: Date: 1-3-17 Administrative Review: Date: 13/17

Certified by Criminalist: Grace Farinas #8445
The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

the Uncertainty of Measurement is ± 0.006 at a 99% confidence

Intoxilyzer 8000 Instrument Serial#: 80-006057

On (7-10-2015), Criminalist (Velvet Mclasky) performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial # 80-006057 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features: Time and Date Correct Diagnostics Testing Pass All Parameters Invalid Sample Check Deficient Sample Check Improper Sample Check Breath Test Refusal Feature Aborting Test using Start Button Successful Alcohol Free Breath Test Pressure Reading: Instrument P: 59 psi	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	Successful Alcohol Breath Test RFI Detection Interferent (Acetone) Detection Ambient Detection CalCheck Failed (GEBS value wrong) Magnetic Strip Reader Operational Direct Connect to COBRA Instrument Cleaned Temperature Check: Breath Hose: 45 °C Breath Cell: 47 °C	
Flessure Reading. Instrument F. 39 psi	Regulator. ~30psi	Temperature Check. Breath Hose. 43 C Breath Cent. 47 C	

Date:

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5-1-2016

2010
'Result (g/210L)
0.038
0.038
0.038
0.038
0.038
0.038
0.038
0.038
0.037
0.038

Mean Value: 0.0379 (g/210L) Standard Deviation: 0.0003 Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6-5-2016

Replicate	Result (g/210L)
1	0.079
2	0.078
3	0.079
4	0.078
5	0.078
. 6	0.079
7	0.077
8	0.078
9	0.078
10	0.078

Mean Value: 0.0782 (g/210L) Standard Deviation: 0.0006 Certified Value: (g/210L): 0.200

Lot#: 1714200A1 Expiration: 7-5-2016

Replicate	Result (g/210L)
1	0.197
2	0.197
3	0.198
4	0.197
5	0.198
6	0.198
7	0.198
8	0.198
9	0.197
10	0.198

Mean Value: 0.1976 (g/210L) Standard Deviation: 0.0005 GEBS Verification: (g/210L): 0.100

Lot#: 07014100A1 Expiration: 5-1-2016

20 Replicates (g/210L)			
1	0.096	11	0.097
2	0.096	12	0.097
3	0.097	13	0.097
4	0.097	14	0.099
5	0.097	15	0.096
6	0.098	16	0.098
7	0.097	17	0.098
8	0.096	18	0.097
9	0.097	19	0.098
10	0.097	20	0.097

Mean Value: 0.0971 (g/210L) Standard Deviation: 0.0007

This report certifies this instrument for field use. Certificate Issue Date: 7-10-2015

Technical Review: Date: 7-10-15 Administrative Review:

Certified by Criminalist: 1/5

The Uncertainty of Measurement is  $\pm 0.006$  at a 99% confidence interval

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### **Certificate of Calibration**

This is to certify the calibration of **Intoxilyzer** ® serial number 80-0051, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date 04.10, 2013

Signed Dole Ro

echnician



316 East 9<sup>th</sup> Street Owensboro, KY 42303 USA

Part No. 650517 Rev.A

### Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006058 Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS			
		Replaced Breath Hose ETOH Free Breath Test	0	Yearly QA Complete	0
1.117	R	Software Update:		Next QA Due:	
Mari	01	Other (comments)			
		Current Location: Lab			
		Replaced Breath Hose	0	Yearly QA Complete	$\circ$
		ETOH Free Breath Test	$\circ$	*	
7-13-1	Im	ETOH Free Breath Test Software Update: 800	2.15	Next QA Due:	
1	V	Other (comments)		*	
		Current Location:			
. 10		Replaced Breath Hose	9	Yearly QA Complete	
7-19-17		ETOH Free Breath Test (			
7-19-17	Um.	Software Update:		Next QA Due:	
		Other (comments)			
	XP				
	0	Current Location:			
	٠	Replaced Breath Hose (	$\bigcirc$	Yearly QA Complete	$\bigcirc$
£		ETOH Free Breath Test (	$\bigcirc$		
		Software Update:		Next QA Due:	
		Other (comments)			
		Current Location:		)	
			$\bigcirc$	Yearly QA Complete	0
		ETOH Free Breath Test (	$\supset$		
			· · · · · · · · · · · · · · · · · · ·	Next QA Due:	
	ña	Other (comments)			
		<u> </u>			
	*	Current Location:		D 1 DTD 4	
,	7	Replaced Breath Hose (		Replaced RT Battery	
		ETOH Breath Test (		Yearly QA Complete	· · ·
ě		Software Update: Other (comments)	5	Next QA Due:	χ.
	8	Other (comments)			4
	1	Current Logation			
		Current Location:			

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006058 Location: 138 Year: 2016 MAINTENANCE/COMMENTS INITIALS DATE Replaced Regulator Changed GEBS Tank Level 2 Cal Check Replaced Breath Hose [ Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery 8/2/16 :15 Software update: Other (comments) Location Change: Room 213 for correlation study Changed GEBS Tank Replaced Regulator Level 2 Cal Check Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced RT Battery Replaced Power Cord 8/12/16 :15 Software update: Other (comments) Location Change: Rm 138 Level 2 Cal Check Changed GEBS Tank [ Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery 8/3/16 J5 Software update: Other (comments) for Intox class / Lab Location Change: RM 213 Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: Replaced Breath Hose Replace/Fix Silver Nut Replaced RT Battery Replaced Power Cord 9/1/16 JS Software update: Other (comments) Location Change: RM 138 Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: Replaced Breath Hose Replace/Fix Silver Nut Replaced Power Cord \_\_\_\_ Replaced RT Battery GF 9/8/16 Software update: Other (comments) on 9/4/16, unstable signal message. Next subject test was successfully completed and did NoT have same message Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: \_\_\_\_ Replaced Breath Hose Replace/Fix Silver Nut Replaced Power Cord Replaced RT Battery 1/30/10 Software update: Other (comments) "Return Instrument to Lab" message
"Diagnostic fail, Intunal printer text" We X Frest Diagnostic Pass. Location Change:

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 00665 8 Year: 2016 Location: Lab DATE **INITIALS** MAINTENANCE/COMMENTS Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Yearly QA/Due: Replace/Fix Silver Nut Replaced Power Cord Replaced RT Battery 2-4-16 UM Software update: Other (comments) upload on 2-1-16 Successful - alliecords converted Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut [ Yearly QA/Due: Replaced Power Cord [ Replaced RT Battery [ 7-9-16 Software update: Other (comments) ETOH free toxt -> Pass Location Change: 138 Changed GEBS Tank [ Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut [ Yearly QA/Due: Replaced Power Cord Replaced RT Battery 4/27/16 6F Software update: Other (comments) Location Change: pulled for Intox training course halfday's placed back in Room 138 SAM Changed GEBS Tank Replaced Regulator Level 2 Cal Check Replaced Breath Hose [ Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery 7/19/14 Software update: Other (comments) Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator 7 Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: 7-20-11/ Replaced Power Cord Replaced RT Battery 1-2/16 Software update: Other (comments) Location Change: Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due: Replaced Breath Hose Replace/Fix Silver Nut Replaced Power Cord Replaced RT Battery 55. 1/27/16 Software update: Other (comments) Location Change: Room 138

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-004058 Year: 2015 Location: ROOM 138

DATE	INITIALS	MAINTENANCE/COMMENTS
DITTL	INTIMES	WITHITTE CONTINUE TO THE PROPERTY OF THE PROPE
6/18/15	Jm	Changed GEBS Tank  Level 2 Cal Check  Replaced Regulator  Replaced Breath Hose  Replace/Fix Silver Nut  Yearly QA/Due:  Software update:  Other (comments)  Empty tank & gluis  Location Change:
7-28-15	· Jm	Changed GEBS Tank    Level 2 Cal Check    Replaced Regulator    Yearly QA/Due: 7-29-16 P
વૃષ્તિષ	Ym	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replaced/Fix Silver Nut Yearly QA/Due: Software update: Other (comments)
17-28-15	vm.	Changed GEBS Tank
1024-15	Vm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Menu 2 Calibrate han Chrck Location Change: Row 158
2:1-10	Is lum	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) 145T Soccessful upload on 1-25-16 Upload on 2-1-16 - Cobra did not convert records Location Change: Ab

Intoxilyzer 8000 Instrument Serial#: 80-006058

On 7/19/16 and 7/21/16, Criminalist McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006058 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:		<b>GEBS used:</b> Certified Value: (g/210L): 0.100 Lot#: 08915100A2 Expiration: 5/5/17
Time and Date Correct	×	Successful Alcohol Breath Test
Diagnostics Testing Pass All Parameters	×	RFI Detection
Invalid Sample Check	×	Interferent (Acetone) Detection
Deficient Sample Check	×	Ambient Detection
Improper Sample Check	×	CalCheck Failed (GEBS value wrong)
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational
Aborting Test using Start Button	×	Direct Connect to COBRA
Successful Alcohol Free Breath Test	×	Instrument Cleaned
Pressure Reading: Instrument P: 984 psi	Regulator: ~1000 psi	Temperature Check: Breath Hose: 45.0°C Breath Cell: 47.0°C

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 07515040A5 Deminstines ALE/2017

Expiration: 4/5/201/		
Replicate	Result (g/210L)	
1	0.038	
2	0.038	
3	0.038	
4	0.038	
5 .	0.038	
6	0.037	
7	0.038	
8	0.038	
9	0.038	
10	0.037	

Mean Value: 0.0378 (g/210L) Standard Deviation: 0.0004

Certified Value: (g/210L): 0.080

Lot#: 12415080A5 Expiration: 6/5/2017

Domligata	Downlt (~/2101)
Replicate	Result (g/210L)
1	0.079
2	0.078
3_	0.078
4	0.079
5	0.079
6	0.079
7	0.079
8	0.079
9	0.079
10	0.078

Mean Value: 0.0787 (g/210L) Standard Deviation: 0.0004

Certified Value: (g/210L): 0.200

Lot#: 26615200A1 Expiration: 10/5/2017

Replicate	Result (g/210L)
1	0.196'
2 .	0.196
3	0.197
4	0.197
5	0.197
6	0.197
7	0.197
8	0.197
9	0.197
10	0.197

Mean Value: 0.1968 (g/210L) Standard Deviation: 0.0004

GEBS Verification: (g/210L): 0.100 Lot#:08915100A2

Expiration: 5-5-17

20 Replicates (g/210L)				
_1	0.100	11	0.100	
_2	0.100	12	0.099	
3	0.101	13	0.101	
4	0.100	14	0.100	
5	0.100	15	0.100	
6	0.100	16	0.100	
7	0.100	17	0.100	
_8	0.100	18	0.101	
9	0.100	19	0.100	
10	0.100	20	0.100	

Mean Value: 0.1001 (g/210L) Standard Deviation: 0.0004

This report certifies this instrument for field use. Certificate Issue Date: 7/21/2016 Certified by Criminalist: Velvet McLasky #8256

Technical Review: 4 Date: 7-25-16 Administrative Review: 4 Date: 7/21/2016 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Intoxilyzer 8000 Instrument Serial#: 80-006058

On 7/28/15 and 7/29/15, Criminalist Velvet McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006058 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:			¥
Time and Date Correct		Successful Alcohol Breath Test	
Diagnostics Testing Pass All Parameters		RFI Detection	* **
Invalid Sample Check		Interferent (Acetone) Detection	
Deficient Sample Check		Ambient Detection	
Improper Sample Check		CalCheck Failed (GEBS value wrong)	
Breath Test Refusal Feature		Magnetic Strip Reader Operational	~
Aborting Test using Start Button		Direct Connect to COBRA	
Successful Alcohol Free Breath Test	<b>d</b>	Instrument Cleaned	
Pressure Reading: Instrument P: 212 psi	Regulator: ~220 psi	Temperature Check: Breath Hose: 45.1 °C Breath Cell: 47.0 °C	A.

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5-1-16

Expiration: 5-1-1	0
Replicate	Result (g/210L)
1	0.038
2	0.038
3	0.038
4	0.038
5	0.038
6	0.038
7	0.038
8	0.038
9	0.038
10	0.038

Mean Value: 0.038 (g/210L) Standard Deviation: 0.0000 Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6-5-16

Replicate	Result (g/210L)
1	0.079
2	0.079
3	0.079
4	0.079
5	0.079
6	0.079
7	0.080
8	0.079
9	0.079
10	0.079

Mean Value: 0.0791 (g/210L) Standard Deviation: 0.0003 Certified Value: (g/210L): 0.200

Lot#: 17414200A1 Expiration: 7-5-16

Replicate	Result (g/210L)	
1	0.197	
2 .	0.197	
3	0.198	
4	0.197	
5	0.197	
6	0.198	
7	0.197	
8	0.198	
9	0.198	
10	0.197	

Mean Value: 0.1974 (g/210L) Standard Deviation: 0.0005 GEBS Verification: (g/210L): 0.100

Lot#: 32114100A1 Expiration: 12-5-16

20 Replicates (g/210L)			
1	0.099	11	0.099 *
2	0.099	12	0.099
3	0.099	13	0.099
4	0.099	14	0.099
5	0.099	15	0.099
6	0.099	16	0.099
7	0.100	17	0.100
8	0.099	18	0.099
9	0.100	19	0.099
10	0.099	20	0.099

Mean Value: 0.0991 (g/210L) Standard Deviation: 0.0003

This report certifies this instrument for field use. Certificate Issue Date: 7-29-15

Certified by Criminalist: Velvet McLasky

Technical Review: dm Date: 8/10/15 Administrative Review: Date: 8-12-15 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

### **Certificate of Calibration**

This is to certify the calibration of **Intoxilyzer** ® serial number 80-00058, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date Oct. 10,2013 Signed Dele Ro

Technician



316 East 9th Street Owensboro, KY 42303 USA

#### Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006059 Software Version: MAINTENANCE / COMMENTS **INITIALS** DATE Replaced Breath Hose  $\bigcirc$ Yearly QA Complete  $\bigcirc$ ETOH Free Breath Test Software Update: \_\_\_\_\_Next QA Due: 6-21-17 Other (comments) Current Location: Lak Replaced Breath Hose Yearly QA Complete  $\bigcirc$ ETOH Free Breath Test Software Update: 8122-15 Next QA Due: Other (comments) Current Location: Replaced Breath Hose  $\bigcirc$ Yearly QA Complete ETOH Free Breath Test Next QA Due: Software Update: Other (comments) Current Location: Replaced Breath Hose  $\bigcirc$ Yearly QA Complete ETOH Free Breath Test Next QA Due: Software Update: Other (comments) Current Location: Replaced Breath Hose  $\bigcirc$ Yearly QA Complete ETOH Free Breath Test \_\_\_\_\_Next QA Due: Software Update: Other (comments) Current Location: Replaced RT Battery Replaced Breath Hose ETOH Breath Test Yearly QA Complete Software Update: \_\_\_\_\_ Next QA Due: \_\_\_\_\_ Other (comments) Current Location:

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-006059 Year: 2016 Location: Lab/Room 138

DATE	INITIALS	MAINTENANCE/COMMENTS
7/12/16	JS	Changed GEBS Tank
7-13-16	m	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: 7-12-17 Software update: Other (comments)  Location Change:
7-21-16	JM	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Software update:  Other (comments)
8/8/16	M	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Return to Lab - Fatemal point test one Scape  2 tests on 7/4/16 > following tesT PasS Location Change:
117H6	v~	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments) Calcheck fail message on 4/11/16 > following Level 2 Cal Check fail message on 4/11/16 > following Location Change:
A.	, ,	Changed GEBS Tank  Level 2 Cal Check  Replaced Regulator  Yearly QA/Due:  Software update:  Other (comments)

Intoxilyzer 8000 Maintenance Log

The same of the sa	IIIOXIIYZCI	Serial Number, 80- 60,000 4 1 ear. 507) Location. LAG 188000 150
DATE	INITIALS	MAINTENANCE/COMMENTS
7-21-15	$\sqrt{\sim}$	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Yearly QA/Due:7-716 PReplaced Power Cord Replaced RT Battery Software update:  Other (comments) LT H Free Rream Left
		Location Change: 7-28-15 v ~ +0 Room 138  Changed GEBS Tank Level 2 Cal Check Repulator
gf+H5	Am,	Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due:  Replaced Power Cord Replaced RT Battery  Software update:
		Other (comments) Almost time for Yearly QA Ju
		This applies to 6056 the 9/23/15
		Changed CERS Tools [75] Level 2 Cal Charles [75] Parkered Parkers [75]
10-8-15	Sm	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Replaced Power Cord Replaced RT Battery Software update: Other (comments)
		Location Change:
1-4-16	V~	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due:  Replaced Power Cord Replaced RT Battery  Software update:  Other (comments) 6 12-25-15 test had Return Frestrances and Description of the Comments of the C
		Location Change:
2-1-16	ds .	Changed GEBS Tank
		Other (comments) <u>Tustrument didn't download (last download 1/25/16)</u> Erry-disabled mode-system error #002 Location Change: Lab
2-1-16	ds.	Changed GEBS Tank Level 2 Cal Check Replaced Regulator Replaced Breath Hose Replace/Fix Silver Nut Yearly QA/Due: Software update:  Other (comments) direct connect and downloaded instrument down load Instrument work ready mode Location Change: 138
	·	S

Intoxilyzer 8000 Maintenance Log
Intoxilyzer Serial Number: 80-006059 Year: 2013 Location: LAB

		Serial Number, 60-000039 Tear. Dis Location.	
DATE	INITIALS	MAINTENANCE/COMMENTS	S
5-17-B			Replaced Regulator
`	J.	Location Change: Paceuco	
p.39.13	apet .	Changed GEBS Tank Level 2 Cal Check R	Replaced Regulator Yearly QA/Due: 10/29/14
11.13	PH	Changed GEBS Tank Level 2 Cal Check R	Replaced Regulator
7-9-14	Jm.	Changed GEBS Tank Level 2 Cal Check R	Replaced Regulator  Yearly QA/Due: 7-8-15
5-27-15	JM	Changed GEBS Tank Level 2 Cal Check R	Replaced Regulator  Yearly QA/Due:
7-2-15	Vm.	Changed GEBS Tank Level 2 Cal Check R	Replaced Regulator  Yearly QA/Due:

Intoxilyzer 8000 Instrument Serial#: 80-006059

On 7/12/16 and 7/13/16, Criminalist McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006059 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

<b>Operational Features:</b>		GEBS used: Certified Value: (g/210L): 0.100 Lot#: 363	14100A4 Expiration: 2/5/17
Time and Date Correct	×	Successful Alcohol Breath Test	×
Diagnostics Testing Pass All Parameters	×	RFI Detection	×
Invalid Sample Check	×	Interferent (Acetone) Detection	×
Deficient Sample Check	×	Ambient Detection	×
Improper Sample Check	×	CalCheck Failed (GEBS value wrong)	×
Breath Test Refusal Feature	×	Magnetic Strip Reader Operational	×
Aborting Test using Start Button	×	Direct Connect to COBRA	×
Successful Alcohol Free Breath Test	×	Instrument Cleaned	×
Pressure Reading: Instrument P: 169 psi	Regulator: ~200 psi	Temperature Check: Breath Hose: 45.0°C Breath	Cell: <b>47.0°</b> C

#### Dry Gas Standard Analysis

Certified Value: (g/210L): 0.040

Lot#: 07515040A5 Expiration: 4/5/2017

Expiration. 4/3/2017		
Replicate	'Result (g/210L)	
1	0.040	
2	0.039	
3	0.039	
4	0.040	
5	0.039	
6	0.039	
7	0.039	
8	0.039	
9	0.039	
10	0.039	

Mean Value: 0.0392 (g/210L) Standard Deviation: 0.0004

Certified Value: (g/210L): 0.080

Lot#: 12415080A5 Expiration: 6/5/2017

Expiration. 0/5/2017		
Replicate	Result (g/210L)	
1	0.078	
2	0.079	
3	0.078	
4	0.078	
5	0.079	
6	0.078	
7	0.078	
8	0.078	
9	0.078	
10	0.078	

Mean Value: 0.0782 (g/210L) Standard Deviation: 0.0004

Certified Value: (g/210L): 0.200

Lot#: 26615200A1 Expiration: 10/5/2017

Replicate	Result (g/210L)
1	0.194
2 .	0.195
3	0.194
4	0.195
5	0.195
6	0.195
7	0.195
8	0.195
9	0.195
10	0.195

Mean Value: 0.1948 (g/210L) Standard Deviation: 0.0004

GEBS Verification: (g/210L): 0.100

Lot#: 36314100A4 Expiration: 2-5-17

20 Replicates (g/210L)				
1	0.098	11	0.099	
2	0.099	12	0.098	
3	0.100	13	0.099	
4	0.099	14	0.099	
5	0.099	15	0.099	
6	0.098	16	0.099	
7	0.098	17	0.099	
8	0.099	18	0.099	
9	0.099	19	0.098	
10	0.099	20	0.099	

Mean Value: 0.0988 (g/210L) Standard Deviation: 0.0005

This report certifies this instrument for field use. Certificate Issue Date: 7/13/2016 Certified by Criminalist: Velvet McLasky #8256

Technical Review: Date: 7-14-16 Administrative Review: Date: 7/13/2016 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Intoxilyzer 8000 Instrument Serial#: 80-006059

On 7/21/2015, Criminalist Velvet McLasky performed analysis to determine the calibration status and operation of Intoxilyzer 8000, serial #80-006059 using NIST traceable dry gas ethanol standards of known ethanol concentration. The uncertainty of measurement for this instrument was determined from these results. The results from this analysis are as follows:

Operational Features:		
Time and Date Correct	P	Successful Alcohol Breath Test
Diagnostics Testing Pass All Parameters	Ē	RFI Detection
Invalid Sample Check		Interferent (Acetone) Detection
Deficient Sample Check		Ambient Detection
Improper Sample Check		CalCheck Failed (GEBS value wrong)
Breath Test Refusal Feature		Magnetic Strip Reader Operational
Aborting Test using Start Button		Direct Connect to COBRA
Successful Alcohol Free Breath Test		Instrument Cleaned
Pressure Reading: Instrument P: 122 psi	Regulator: 100 psi	Temperature Check: Breath Hose: 45 °C Breath Cell: 47 °C
		8. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.

#### **Dry Gas Standard Analysis**

Certified Value: (g/210L): 0.040

Lot#: 11514040A3 Expiration: 5/1/2016

Replicate	'Result (g/210L)	
1	0.039	
2	0.040	
3	0.039	
4	0.039	
5	0.040	
. 6	0.040	
7	0.040	
8	0.039	
9	0.039	
10	0.040	

Mean Value: 0.0395 (g/210L) Standard Deviation: 0.0005

Certified Value: (g/210L): 0.080

Lot#: 13314080A3 Expiration: 6/5/2016

Replicate	Result (g/210L)	
1	0.078	
2	0.078	
3	0.078	
4	0.078	
5	0.079	
. 6	0.079	
7	0.078	
8	0.079	
9	0.079	
10	0.079	

Mean Value: 0.0785 (g/210L) Standard Deviation: 0.0005

Certified Value: (g/210L): 0.200

Lot#:17414200A1 Expiration: 7/5/2016

Replicate	Result (g/210L)		
1	0.195		
2	0.195		
3	0.195		
4	0.194		
5	0.196		
6	0.194 0.194		
7			
8	0.195		
9	0.195		
10	0.196		

Mean Value: 0.1949 (g/210L) Standard Deviation: 0.0007

GEBS Verification: (g/210L): 0.100

Lot#: 32114100A1 Expiration: 12/5/2016

20 Replicates (g/210L)				
1	0.102	11	0.099	
2	0.099	12	0.100	
3	0.099	13	0.098	
4	0.099	14	0.099	
5	0.100	15	0.099	
6	0.099	16	0.100	
7	0.099	17	0.100	
8	0.099	18	0.099	
9	0.099	19	0.099	
10	0.099	20	0.099	

Mean Value: 0.0993 (g/210L) Standard Deviation: 0.0008

This report certifies this instrument for field use. Certificate Issue Date: 7-21-2015

Certified by Criminalist: Velvet McLasky 8256

G:\Laboratory\Forensic Chemistry

This report certifies this instrument for field use. Certificate Issue Date: 7-21-2015 Certified by Criminalist: Velvet McLasky 8256

Technical Review: Date: 7-21-15 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

#### Certificate of Calibration

This is to certify the calibration of **Intoxilyzer** serial number 80-00659, manufactured by CMI Inc., a subsidiary of MPD, Inc. of Owensboro, Kentucky, was tested and found to conform to the National Highway Traffic Safety Administration (NHTSA) Standard for Devices to Measure Breath Alcohol (Federal Register, Vol.58 No.179, pp 48705-48710, Sept. 17, 1993) for accuracy and precision. Reference materials are traceable through the National Institute of Standards and Technology (NIST) to the International System of Units (SI).

Date 0.1-9, 2013 Signed

Signed Doll Romes

Technician

INC.

316 East 9<sup>th</sup> Street Owensboro, KY 42303 USA

Part No. 650517 Rev.A