

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

TJM 6-8-17
Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000719

Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS	
6/7/17	JM	Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		<i>note when Intoxilyzer came to lab has 6GBS tank w/ Exp: 08</i>	
Current Location: <i>L90</i>		<i>215/17 JM</i>	
7-13-17	JM	Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: <i>8/22/15</i>	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Replaced RT Battery <input type="radio"/>
		ETOH Breath Test <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000719 Year: 2016 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
3/30/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>EEprom Fault</u> Location Change: <u>removed from vehicle #7048</u>
4/21/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Sent to CMI - failing the EEprom part of diagnostics</u>
6/20/16 7/20/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Back from CMI</u>
6/3/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>6/3/17</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
9-19-16	VM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>ETOH free Breaths test</u> Location Change: <u>Car 7031</u>
2-9-17	VM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>on 2/5/17 - test message "Voltage / current test - Return Instrument to Lab" - on second diagnostic test - following test</u> Location Change: <u>Both Diagnostic test passed - ok to use</u> VM

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000719 Year: 2014 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
6-27-14	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 6-26-15 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
8/20/14	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> TO CMI <input checked="" type="checkbox"/> 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 9/20/14 not in range
10/8-2-14 + 8-3-14 10/14	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 10-1-15 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: Um Break 3rd digit turned on Other (comments) when using direct connect port to download got "Handshake" error. used spare port and direct download worked Location Change: _____
5-6-15	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) ETOH Free Breath test Location Change: moved to car # 7048
10/1/15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 10/1/16 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) Placed back in car # 7048 Location Change: _____
12-2-15	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input checked="" type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: E Um Other (comments) ETOH Free Breath test Location Change: _____

Yearly Quality Assurance Certificate

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	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>

Pressure Reading: Instrument P: 122 psi Regulator: 120 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
 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

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 *Grace Farinas*
 Technical Review: *Jm* Date: 6/6/16 Administrative Review: *JM* Date: 6-20-16 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Yearly Quality Assurance Certificate

Intoxilyzer 8000 Instrument Serial#: 80-000719

On 10/1/2015, Criminalist Merzowski 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	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
Pressure Reading: Instrument P: 503 psi	Regulator: 500 psi	Temperature Check: Breath Hose: 44.8°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	0.040
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
 Technical Review: *VM* Date: 10-5-15 Administrative Review: *jm* Date: 10-6-15
 Certified by Criminalist: *Lisa Merzowski* Lisa Merzowski 8178
 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 80-000719, 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

May 16, 2016

Signed

[Signature]

Technician



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 80-000719, 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 [Signature]
Technician



316 East 9th Street
Owensboro, KY 42303
USA

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000726

Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS	
6-2-17	VM	Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		note: when Intoxilyzer came to Lab had GEBS tank w/ Current Location: LAB EXP: 2-5-17	
7-18-17	VM <hr/> JP	Replaced Breath Hose <input checked="" type="checkbox"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Replaced RT Battery <input type="radio"/>
		ETOH Breath Test <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 000726 Year: 2016 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
4/1/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Installed in vehicle # 7350</u> ^{on 3/26/16} (per email from John Ampol)
6/9/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Removed from vehicle for Annual @A</u>
7/14/16	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7/14/17</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> <u>replaced magstrip</u> <input type="checkbox"/> Software update: <u>8122.15</u> Other (comments) _____ Location Change: _____
8/12/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Room 213 for correlation study</u>
8/12/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Officer John Ampol to re-install in vehicle #7350</u>
 Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____ 		

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-000726 Year: 2015 Location: LAB

DATE	INITIALS	MAINTENANCE/COMMENTS
6/11/15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 6/11/16 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
6/18/15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: Car # 7051
8-11-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: FN LAB
9-9-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) ETOH free Breath test Location Change: IN car 7051
11-10-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: on officer John Ampel had text message return to Lab, Cal check Failed Other (comments) officer John Ampel did a ETOH free Breath test and tightened tank connection - test successful Location Change: _____
3/10/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: removed from car #7051 on 3/4/16 and is being stored at Traffic (per email from John Ampel)

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-200726 Year: 2014 Location: _____

DATE	INITIALS	MAINTENANCE/COMMENTS
6-16-14	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>moved to car 7048, ETOH free breath test</u> Location Change: _____
10-9-14 Um	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>changed keyboard and power cord</u> <u>ETOH free breath test</u> Location Change: _____
Um to ym 12-18-14	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>changed keyboard and ETOH free breath</u> <u>test</u> Location Change: _____
5-5-15 Um 5-5-15	Um Um 5-5-15	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>made in fact um 5-5-15</u> Location Change: <u>Returned to bin Lab um 5-5-15</u>
5-6-15	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Returned to Lab</u>
5-27-15	Um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input checked="" type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____

Yearly Quality Assurance Certificate

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	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>

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 Replicates (g/210L)			
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 *Lia Merzwski*
 Technical Review: *JF* Date: 7-18-16 Administrative Review: *JM* Date: 7-18-16 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval

Yearly Quality Assurance Certificate

Intoxilyzer 8000 Instrument Serial#: **80-000726**

On 6/9/2015 to 6/11/2015, Criminalist Merzowski 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	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
Pressure Reading: Instrument P: 970 psi	Regulator: 1000 psi	Temperature Check: Breath Hose: 45.1 °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** Certified by Criminalist: *Lisa Merzowski* Lisa Merzowski 8178
 Technical Review: *JKH* Date: *6-10-15* Administrative Review: *JKM* Date: *6-17-15* 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 80-000726, 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 April 15, 2013 Signed Dale Rohrer

Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006055 Year: 2016 Location: Van

DATE	INITIALS	MAINTENANCE/COMMENTS
7-5-16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) on 6-24-16, Cal-check failed return instrument to Lab message. Next subject test was a successfully completed test and did not have same message Location Change: _____
7-13-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> 17 Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 7-12-16 <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
7-21-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: Van
		 Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
		 Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
		 Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 000055 Year: 2013 Location: Van

DATE	INITIALS	MAINTENANCE/COMMENTS
10/18/13	JOF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 10/18/14 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
10/24/13	JOF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: To DUI Van
7/8/14	JOF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 7/8/15 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) Breathe 3rd digit turned on Location Change: _____
7/7/15	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: TO LAB
7/10/15	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 7-9-16 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) ETOH free test Location Change: TO DUI Van
7-5-16	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: LAB

Yearly Quality Assurance Certificate

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#: 08915100A2 Expiration: 5/5/17	
Time and Date Correct	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
Pressure Reading: Instrument P: 56 psi	Regulator: ~50 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**
 Expiration: **4/5/2017**

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**

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

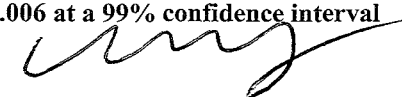
Mean Value: 0.0976 (g/210L)
 Standard Deviation: 0.0004

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

Technical Review: gf Date: 7-14-16 Administrative Review: dm Date: 7/18/16

Certified by Criminalist: Velvet McLasky #8256

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



Yearly Quality Assurance Certificate

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 | <input checked="" type="checkbox"/> | Successful Alcohol Breath Test | <input checked="" type="checkbox"/> |
| Diagnostics Testing Pass All Parameters | <input checked="" type="checkbox"/> | RFI Detection | <input checked="" type="checkbox"/> |
| Invalid Sample Check | <input checked="" type="checkbox"/> | Interferent (Acetone) Detection | <input checked="" type="checkbox"/> |
| Deficient Sample Check | <input checked="" type="checkbox"/> | Ambient Detection | <input checked="" type="checkbox"/> |
| Improper Sample Check | <input checked="" type="checkbox"/> | CalCheck Failed (GEBS value wrong) | <input checked="" type="checkbox"/> |
| Breath Test Refusal Feature | <input checked="" type="checkbox"/> | Magnetic Strip Reader Operational | <input checked="" type="checkbox"/> |
| Aborting Test using Start Button | <input checked="" type="checkbox"/> | Direct Connect to COBRA | <input checked="" type="checkbox"/> |
| Successful Alcohol Free Breath Test | <input checked="" type="checkbox"/> | Instrument Cleaned | <input checked="" type="checkbox"/> |
- 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 Replicates (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: *jm* Date: 7-10-15 Administrative Review: *[Signature]* Date: 7/10/15 Certified by Criminalist: *[Signature]* 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 80-006055, 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 Dale Palmer

Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

⁷⁻⁶⁻⁸⁻¹⁷
Inoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 006057

Software Version: _____

DATE	INITIALS	MAINTENANCE / COMMENTS	
2/22/17	vm	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ <u>used for in tox class</u>	
3/22/17	vm	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ <u>used for in tox class</u>	
4/6/17	vm	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____	
		Current Location: <u>Room 138</u>	
6/21/17	JP	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____	
		Current Location: <u>Lab</u>	
7-13-17	vm	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> 8/22.15 Software Update: <u>updated to</u> _____ Next QA Due: _____ Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/> Replaced RT Battery <input type="radio"/> ETOH Breath Test <input type="radio"/> Yearly QA Complete <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____	
		Current Location: _____	

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006057 Year: 2016 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
7-12-16 ~ 8-12-16	UM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) Started yearly QA, magnetic strip not working, replaced mag strip (not in use for case work) Location Change: _____
9-26-16	UM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) Cal check failed message. cal port NOT plugged in. (not in use for case work) Location Change: _____
10-3-16	UM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) 3 GEBS checks all within range (not in use for case work) Location Change: _____
12 10-9-16 JFS	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 12/8/17 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____

		Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
		Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 006057 Year: 2013 Location: Van

DATE	INITIALS	MAINTENANCE/COMMENTS
10/18/2013	gjt	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 10/18/14 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
10/22/2013	gjt	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: To DUI Van
7/10/14	gjt	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 7/10/15 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) Breath 3rd digit turned on Location Change: _____
7/11/15	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: TO LAB
7/10/15	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: 7-9-16 <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) ETOH free test Location Change: TO DUI VAN
7-5-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: LAB

Yearly Quality Assurance Certificate

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#: 23016100A1 Expiration: 9/5/18	
Time and Date Correct	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
Pressure Reading: Instrument P: 1010 psi	Regulator: ~1000 psi	Temperature Check: Breath Hose: 45.1 °C	Breath Cell: 47.0 °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**

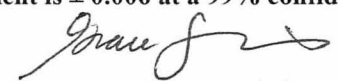
20 Replicates (g/210L)			
1	0.099	11	0.100
2	0.100	12	0.100
3	0.100	13	0.099
4	0.100	14	0.100
5	0.099	15	0.099
6	0.100	16	0.100
7	0.099	17	0.099
8	0.100	18	0.100
9	0.099	19	0.099
10	0.100	20	0.099

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

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

Certified by Criminalist: Grace Farinas #8445

Technical Review: vm Date: 1-3-17 Administrative Review: sm Date: 1/3/17 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval



Yearly Quality Assurance Certificate

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 | <input checked="" type="checkbox"/> | Successful Alcohol Breath Test | <input checked="" type="checkbox"/> |
| Diagnostics Testing Pass All Parameters | <input checked="" type="checkbox"/> | RFI Detection | <input checked="" type="checkbox"/> |
| Invalid Sample Check | <input checked="" type="checkbox"/> | Interferent (Acetone) Detection | <input checked="" type="checkbox"/> |
| Deficient Sample Check | <input checked="" type="checkbox"/> | Ambient Detection | <input checked="" type="checkbox"/> |
| Improper Sample Check | <input checked="" type="checkbox"/> | CalCheck Failed (GEBS value wrong) | <input checked="" type="checkbox"/> |
| Breath Test Refusal Feature | <input checked="" type="checkbox"/> | Magnetic Strip Reader Operational | <input checked="" type="checkbox"/> |
| Aborting Test using Start Button | <input checked="" type="checkbox"/> | Direct Connect to COBRA | <input checked="" type="checkbox"/> |
| Successful Alcohol Free Breath Test | <input checked="" type="checkbox"/> | Instrument Cleaned | <input checked="" type="checkbox"/> |
- Pressure Reading: Instrument P: 59 psi Regulator: ~50psi 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	0.038
2	0.038
3	0.038
4	0.038
5	0.038
6	0.038
7	0.038
8	0.038
9	0.037
10	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: *jm* Date: 7-10-15 Administrative Review: *[Signature]* Date: 7-10-15

Certified by Criminalist: *[Signature]* 8256

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 80-006057, 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 Dale Parker

Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 006058

Software Version:

DATE	INITIALS	MAINTENANCE / COMMENTS	
6/21/17	JP	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ Current Location: Lab	
7-13-17	VM	Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: 8122-15 Next QA Due: _____ Other (comments) _____ Current Location:	
2/1/17 7-19-17	VM JP	Replaced Breath Hose <input checked="" type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ Current Location:	
		Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ Current Location:	
		Replaced Breath Hose <input type="radio"/> Yearly QA Complete <input type="radio"/> ETOH Free Breath Test <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ Current Location:	
		Replaced Breath Hose <input type="radio"/> Replaced RT Battery <input type="radio"/> ETOH Breath Test <input type="radio"/> Yearly QA Complete <input type="radio"/> Software Update: _____ Next QA Due: _____ Other (comments) _____ Current Location:	

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006058 Year: 2016 Location: 138

DATE	INITIALS	MAINTENANCE/COMMENTS
8/12/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: Room 213 for correlation study
8/12/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: RM 138
8/31/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: RM 213 for Intox class / Lab
9/1/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: RM 138
9/9/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> 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: _____
11/30/16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) "Return Instrument to Lab" message "Diagnostic fail, Internal printer test" Next test Diagnostic Pass. Location Change: _____

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 006058 Year: 2016 Location: Lab

DATE	INITIALS	MAINTENANCE/COMMENTS
2-4-16	um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>Upload on 2-1-16 Successful - all records converted</u> _____ Location Change: _____
2-9-16	um	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>ETOH free test → pass</u> _____ Location Change: <u>138</u>
4/27/16	GF	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: <u>pulled for Intox training course half days placed back in Room 138 same day</u>
7/19/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: <u>Lab</u>
7-21-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> <u>7</u> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7-20-16</u> <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: _____
7/27/16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: <u>Room 138</u>

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006058 Year: 2015 Location: ROOM 138

DATE	INITIALS	MAINTENANCE/COMMENTS
6/18/15	Jm	Changed GEBS Tank <input checked="" type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>Empty tank Jm 6/18/15</u> Location Change: _____
7-28-15 + 7-24-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7-24-16</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>7-28-15 in LAB</u>
9/14/15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input checked="" type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Room 138</u>
10-28-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>LAB for Intox class</u>
10-24-15	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>menu 2 calibration check</u> Location Change: <u>Room 138</u>
2-1-16	Jm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>last successful upload on 1-25-16</u> <u>upload on 2-1-16 - Cobra did not convert records</u> Location Change: <u>LAB</u>

Yearly Quality Assurance Certificate

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:		GEBS used: Certified Value: (g/210L): 0.100 Lot#: 08915100A2 Expiration: 5/5/17	
Time and Date Correct	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
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**
 Expiration: **4/5/2017**

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**

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

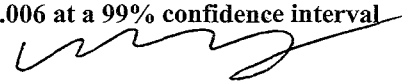
Mean Value: 0.1968 (g/210L)
 Standard Deviation: 0.0004

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
 Technical Review: EF Date: 7-25-16 Administrative Review: Jm Date: 7/26/16 Certified by Criminalist: Velvet McLasky #8256
 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval



Yearly Quality Assurance Certificate

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 | <input checked="" type="checkbox"/> | Successful Alcohol Breath Test | <input checked="" type="checkbox"/> |
| Diagnostics Testing Pass All Parameters | <input checked="" type="checkbox"/> | RFI Detection | <input checked="" type="checkbox"/> |
| Invalid Sample Check | <input checked="" type="checkbox"/> | Interferent (Acetone) Detection | <input checked="" type="checkbox"/> |
| Deficient Sample Check | <input checked="" type="checkbox"/> | Ambient Detection | <input checked="" type="checkbox"/> |
| Improper Sample Check | <input checked="" type="checkbox"/> | CalCheck Failed (GEBS value wrong) | <input checked="" type="checkbox"/> |
| Breath Test Refusal Feature | <input checked="" type="checkbox"/> | Magnetic Strip Reader Operational | <input checked="" type="checkbox"/> |
| Aborting Test using Start Button | <input checked="" type="checkbox"/> | Direct Connect to COBRA | <input checked="" type="checkbox"/> |
| Successful Alcohol Free Breath Test | <input checked="" type="checkbox"/> | Instrument Cleaned | <input checked="" type="checkbox"/> |

Pressure Reading: Instrument P: 212 psi Regulator: ~220 psi Temperature Check: Breath Hose: 45.1 °C Breath Cell: 47.0 °C

Dry Gas Standard Analysis

Certified Value: (g/210L): 0.040
 Lot#: 11514040A3
 Expiration: 5-1-16

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: ym 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 80-006058, 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 Dale Rohrer

Technician



316 East 9th Street
Owensboro, KY 42303
USA

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006059

Software Version: _____

DATE	INITIALS	MAINTENANCE / COMMENTS	
6-21-17	VM	Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: LAB	
VM 7-13-17	7-13-17 VM	Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: 8122-15	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		ETOH Free Breath Test <input type="radio"/>	
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	
		Replaced Breath Hose <input type="radio"/>	Replaced RT Battery <input type="radio"/>
		ETOH Breath Test <input type="radio"/>	Yearly QA Complete <input type="radio"/>
		Software Update: _____	Next QA Due: _____
		Other (comments) _____	
		Current Location: _____	

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

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 <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: <u>Lab</u>		
7-13-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7-12-17</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: _____		
7-21-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: <u>van</u>		
8/8/16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>"Return to Lab - Internal print test message on 2 tests on 7/4/16 -> following test PASS"</u> Location Change: _____		
^{vm} 9/17/16 10-6-16	vm	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>"Cal check fail" message on 9/17/16 -> following TEST PASS</u> Location Change: _____		
		Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ _____ Location Change: _____		

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80- 006059 Year: 2015 Location: LAB / Room 138

DATE	INITIALS	MAINTENANCE/COMMENTS
7-21-15	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7-21-16</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>ETOH Free Breath test</u> _____ Location Change: <u>7-28-15 JM to Room 138</u>
JM 9/14/15	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>Almost time for yearly QA JM</u> <u>This applies to 6056 JM 9/23/15</u> _____ Location Change: <u>Lab JM</u>
10-8-15	JM	Changed GEBS Tank <input checked="" type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>ETOH Free test</u> _____ Location Change: _____
1-4-16	JM	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>on 12-25-15 test had Return Instrument to Lab -</u> <u>Internal printer test message -> next test did not have same message</u> Location Change: _____
2-1-16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>Instrument didn't download (last download 1/25/16)</u> <u>Error - disabled mode - system error #002</u> Location Change: <u>Lab</u>
2-1-16	JS	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>direct connect and downloaded instrument - download</u> <u>successful. ETOH free breath test - pass. Instrument now in ready mode</u> Location Change: <u>138</u>

SDPD CRIME LABORATORY
FORENSIC CHEMISTRY UNIT

Intoxilyzer 8000 Maintenance Log

Intoxilyzer Serial Number: 80-006059 Year: 2013 Location: LAB

DATE	INITIALS	MAINTENANCE/COMMENTS
10-17-13	<i>[Signature]</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>Received</u>
10-29-13	<i>[Signature]</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>10/29/14</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: _____
11-1-13	<i>[Signature]</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>To Room 138</u>
7-9-14	<i>vm</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: <u>7-8-15</u> <input checked="" type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>Breath 3rd digit turned on</u> Location Change: _____
5-27-15	<i>vm</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input checked="" type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) <u>ETOH Free Breath test</u> Location Change: _____
7-2-15	<i>vm</i>	Changed GEBS Tank <input type="checkbox"/> Level 2 Cal Check <input type="checkbox"/> Replaced Regulator <input type="checkbox"/> Replaced Breath Hose <input type="checkbox"/> Replace/Fix Silver Nut <input type="checkbox"/> Yearly QA/Due: _____ <input type="checkbox"/> Replaced Power Cord <input type="checkbox"/> Replaced RT Battery <input type="checkbox"/> _____ <input type="checkbox"/> Software update: _____ Other (comments) _____ Location Change: <u>LAB</u>

Yearly Quality Assurance Certificate

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:

Operational Features:		GEBS used: Certified Value: (g/210L): 0.100 Lot#: 36314100A4 Expiration: 2/5/17	
Time and Date Correct	<input checked="" type="checkbox"/>	Successful Alcohol Breath Test	<input checked="" type="checkbox"/>
Diagnostics Testing Pass All Parameters	<input checked="" type="checkbox"/>	RFI Detection	<input checked="" type="checkbox"/>
Invalid Sample Check	<input checked="" type="checkbox"/>	Interferent (Acetone) Detection	<input checked="" type="checkbox"/>
Deficient Sample Check	<input checked="" type="checkbox"/>	Ambient Detection	<input checked="" type="checkbox"/>
Improper Sample Check	<input checked="" type="checkbox"/>	CalCheck Failed (GEBS value wrong)	<input checked="" type="checkbox"/>
Breath Test Refusal Feature	<input checked="" type="checkbox"/>	Magnetic Strip Reader Operational	<input checked="" type="checkbox"/>
Aborting Test using Start Button	<input checked="" type="checkbox"/>	Direct Connect to COBRA	<input checked="" type="checkbox"/>
Successful Alcohol Free Breath Test	<input checked="" type="checkbox"/>	Instrument Cleaned	<input checked="" type="checkbox"/>
Pressure Reading: Instrument P: 169 psi	Regulator: ~200 psi	Temperature Check: Breath Hose: 45.0°C	Breath Cell: 47.0°C

Dry Gas Standard Analysis

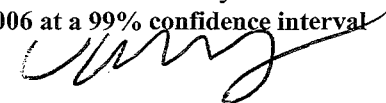
Certified Value: (g/210L): 0.040	
Lot#: 07515040A5	
Expiration: 4/5/2017	
Replicate	Result (g/210L)
1	0.040
2	0.039
3	0.039
4	0.040
5	0.039
6	0.039
7	0.039
8	0.039
9	0.039
10	0.039
Mean Value: 0.0392 (g/210L)	
Standard Deviation: 0.0004	

Certified Value: (g/210L): 0.080	
Lot#: 12415080A5	
Expiration: 6/5/2017	
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: Zf Date: 7-14-16 Administrative Review: Zm Date: 7/13/16 The Uncertainty of Measurement is ± 0.006 at a 99% confidence interval



Yearly Quality Assurance Certificate

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 | <input checked="" type="checkbox"/> | Successful Alcohol Breath Test | <input checked="" type="checkbox"/> |
| Diagnostics Testing Pass All Parameters | <input checked="" type="checkbox"/> | RFI Detection | <input checked="" type="checkbox"/> |
| Invalid Sample Check | <input checked="" type="checkbox"/> | Interferent (Acetone) Detection | <input checked="" type="checkbox"/> |
| Deficient Sample Check | <input checked="" type="checkbox"/> | Ambient Detection | <input checked="" type="checkbox"/> |
| Improper Sample Check | <input checked="" type="checkbox"/> | CalCheck Failed (GEBS value wrong) | <input checked="" type="checkbox"/> |
| Breath Test Refusal Feature | <input checked="" type="checkbox"/> | Magnetic Strip Reader Operational | <input checked="" type="checkbox"/> |
| Aborting Test using Start Button | <input checked="" type="checkbox"/> | Direct Connect to COBRA | <input checked="" type="checkbox"/> |
| Successful Alcohol Free Breath Test | <input checked="" type="checkbox"/> | Instrument Cleaned | <input checked="" type="checkbox"/> |
- Pressure Reading: Instrument P: 122 psi Regulator: ~100 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	0.040
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
7	0.194
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
 Technical Review: am Date: 7/22/15 Administrative Review: jm Date: 7-27-15 Certified by Criminalist: Velvet McLasky 8256
 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 80-006059, 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 Del Palmer

Technician



316 East 9th Street
Owensboro, KY 42303
USA

Part No. 650517 Rev.A