CERTIFICATION by CUSTODIAN of RECORDS

Tucson Police Department Crime Laboratory

104

I hereby certify that these documents are a true and correct copy of the periodic maintenance* for the Intoxilyzer 5000 Serial Number 64-002659 (#13) maintained by the Tucson Police Department Crime Laboratory pursuant to the requirements of the Arizona Department of Public Safety for a quality assurance program.

A quality assurance specialist (QAS) tested the instrument on the following dates. The acceptable accuracy limits, as defined in A.A.C. R13-10-104.A.2, for a 0.080AC solution are 0.070AC to 0.090AC.

Date: 7/13/06 Cal 1 0.077 AC Cal 2 0.077 AC

Date: N/A Cal 1 _____ AC Cal 2 _____ AC

Date: N/A Cal 1 _____ AC Cal 2 _____ AC

Between the dates of N/A and N/A the instrument was operating properly and accurately.

The instrument was taken out of service for repair on 6/15/06.
The instrument was returned to service on 7/13/06.

Jennifer L. Coombs

Jennifer L. Coombs

7/14/06

ADPS QAS Permit # QAS 29886

SUBSCRIBED AND SWORN to before me this 14, day of July, 2006.

OFFICIAL SEAL
KATHY A. KINNEY
NOTARY PUBLIC-ARIZONA
PIMA COUNTY
My Comm. Exp. Sept. 4, 2008

Kathy A. Kinney

Notary Public

*Includes documents specified in A.A.C. R13-10-104.A.5

Pursuant to section 28-1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

MEMORANDUM

DATE: June 21, 2006

TO: Applied Electronics
52 Juniper Lane
P.O. Box 658
Eagle, CO 81631

FROM: **Jennifer L. Coombs**
Tucson Police Department
Crime Laboratory
270 S. Stone Avenue
Tucson, AZ 85701-1917

SUBJECT: Intoxilyzer 5000 Maintenance and Repair

Enclosed is Intoxilyzer 64-002659 (#13).

Reason: The second air blank takes a long time to purge.

Please inspect and repair as needed.

Pursuant to section 28-1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

CUSTOMER SERVICE REPORT

RECEIVED FROM		DATE 6-28-06	SHIP TO	
CUSTOMER Tucson Police Dept			CUSTOMER	
DEPT.		REC'D VIA UPS	DEPT.	
STREET 270 S. Stone Ave			STREET	
CITY Tucson		COD CHARGE	CITY	
STATE AZ	ZIP 85701		STATE	ZIP
ATTEN:		P.O. NO.	ATTEN:	
PHONE ( )			PHONE ( )	

EQUIPMENT RECEIVED INVENTORY

MODEL 5000	CARRYING CASE ☐	EXTENSION CABLE ☐	KEYBOARD/CABLE None ☐
SERIAL NO. 64-002659	ECM CABLE ☐	TUNING FORK POUCH ☐	PAT BOX ☐
ANTENNA SER.NO.	REMOTE LOCK ☐	TUNING FORK POUCH ☐	SIMULATOR ☐
ANTENNA SER.NO.	DASH BRACKET ☐	BATTERY PACK ☐	BREATH TUBE ☒
E.C.M./VM SER.NO.	DECK BRACKET ☐	BATTERY CHARGER ☐	☐
TUNING FORK SER.NO.	BAIL BRACKET ☐	A/C POWER CORD None ☐	☐
TUNING FORK SER.NO.			
MISC.SER.NO.			

CUSTOMER COMPLAINT / SERVICE REQUESTED

Second Air blank takes a long time to purge.

CORRECTIVE ACTION TAKEN

Replaced weak air Pump Asy. Cleaned solenoid valve, installed Rebuild kit. Replaced check valve. Replaced pump tubing. Cleaned optics and printer. Certified Calibration

DESCRIPTION OF CHARGES	PART NO.	QTY	UNIT PRICE	TOTAL
Pump Asy	340016	1		
Solenoid Rebuild kit	800047	1		
Check Valve	410047	1		
Calibration Cert		1		
			TOTAL PARTS	
3.0 HRS			TOTAL LABOR	
			TAX	
45 LBS			INSURANCE/SHIPPING/HANDLING	
			TOTAL	

FACTORY AUTHORIZED WARRANTY
SERVICE FACILITY FOR ALL
CMI AND MPH PRODUCTS

Pursuant to section 28.1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

APPLIED ELECTRONICS, INC.
448 GRAND AVE. • P.O. BOX 658 • EAGLE, CO 81631 • Phone: (970) 328-5420

CERTIFICATE OF CALIBRATION

This is to certify that the calibration of INTOXILYZER®
serial number 64-002659*, was tested and found to be in compliance*
with the National Highway Traffic Safety Administration Standard
for Devices to Measure Breath Alcohol
(3.8 F.R., No. 212 30459-30463 Nov. 5, 1973.)

Date June 29, 2006 Signed [illegible]
Technician

APPLIED ELECTRONICS

Factory Authorized Service Facility For CMI/MPH Products

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APPLIED ELECTRONICS
• P.O. BOX 658 • EAGLE, CO 81631 Phone: (970) 328-5420

STATEMENT OF SERVICE WARRANTY

Applied Electronics warrants that any component having been replaced, to be free of defects in material and workmanship for a period of 90 days from date of delivery to its customer. This warranty is limited to only components that have been replaced during the repair of your product. Applied Electronics obligation is limited to repairing or replacing as we may elect of any component covered under this service warranty.

Any parts or components considered covered by this warranty shall be returned freight prepaid to Applied Electronics. Return freight shall be paid by Applied Electronics.

This warrnaty may be voided if the product has been adversely effected or tampered with in any way.

This service warranty is separate from the original manufacturers warranty. In no event shall Applied Electronics be liable for any loss or damages arising out of any such defective component or workmanship.

Pursuant to section 28.1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

EXHIBIT E-4

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY
A.A.C. R13-10-104(A)

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

STANDARD QUALITY ASSURANCE PROCEDURE

1 of 6 file

QA SPECIALIST Jennifer Combs 46160 AGENCY Tucson Police Department
DATE July 13, 2006 TIME 1124
INTOXILYZER SERIAL # 64-002659 (#13) LOCATION LAB

(✓) 1. Display reads "READY TO START" or "PUSH BUTTON TO START TEST."

DIAGNOSTIC TESTS

(✓) 1. DVM Test check. Setting should be between .010 and .600. Mode selection switch S2 on, S1 and S3 off or keyboard menu selection "H". Reading is .369.
(✓) 2. Display Test check. Mode selection switch S1 on and S2 and S3 off or keyboard menu selection "V".
(✓) 3. Printer Test check. Mode selection switch S1, S2, S3 off or keyboard menu selection "P".
(✓) 4. Clock time check. Mode selection switch S10 on or keyboard menu selection "E".
(✓) 5. Date check. Mode selection switch S11 on or keyboard menu selection "E".

OPERATIONAL TESTS

(✓) 1. Alcohol-free subject Test result 0.000 AC
(✓) 2. Error recognition logic system functioning
Invalid test printed
(✓) 3. Proper sample recognition system
Invalid sample printed ✓
Deficient sample printed ✓
(✓✓) 4. Standard Calibration Check standard 0.080 AC
Results: 0.077AC & 0.077 AC

Instrument operating accurately and properly. YES ✓ NO ____

COMMENTS: ____

SIGNATURE Jennifer L. Combs

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

DPS Form Exh E-4 (Rev. 05-1)

Pursuant to section 28-1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

#13

SN 64-002659 07/13/06
E47.02 11:27
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
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EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
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HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
Q307 |----------
Q306 |----------
Q305 |----------
Q302 |----------
Q303 |----------
Q304 |----------
Q301 |----------

SUBJECT'S NAME

TIME FIRST OBSERVED LAB INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

© 1986 by CMI INC.

#13

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002659
07/13/06

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:32
SUBJECT TEST	.000	11:32
AIR BLANK	.000	11:32

DVM=.369

SUBJECT'S NAME

TIME FIRST OBSERVED LAB INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

© 1986 by CMI INC.

TSG

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Pursuant to section 28-1327, Arizona Revised Statutes, this document is a certified duplicate of the information contained in computer storage devices of the Tucson Police Department.

FEDERAL SIGNAL CORP. / CMI INC #13
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002659
07/13/06

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:29
CAL. CHECK	.077	11:29
AIR BLANK	.000	11:30

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC.

© 1986 by CMI INC.

FEDERAL SIGNAL CORP. / CMI INC #13
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002659
07/13/06

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:30
CAL. CHECK	.077	11:31
AIR BLANK	.000	11:31

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC.

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Tucson Police Department Crime Laboratory

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file

SN 64-002659
E47.02
INVALID TEST

07/13/06
11:33

#13

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

461160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

Pushed start test button
at wrong time.

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC.

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EXHIBIT E-2

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY
A.A.C. R13-10-104(A)

ARIZONA DEPARTMENT OF PUBLIC SAFETY

5 of 6 JL

STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

TD4

STANDARD CALIBRATION CHECK PROCEDURE

QA SPECIALIST Jennifer Coombs 46160 AGENCY Tucson Police Department
DATE July 13, 2006 TIME 1124
INTOXILYZER SERIAL # 64-002659(#13) LOCATION LAB

(✓) 1. Pour a standard alcohol concentration solution into a clean dry simulator jar and assemble the simulator. Ensure that a tight seal has been made. Standard value: 0.080 AC.
(✓) 2. Turn on the simulator and allow the temperature to reach 34°C ± 0.2°C.
(✓) 3. Set Intoxilyzer mode selection in the ACA mode by switching mode selection switch #9 on or selecting "C" on keyboard menu.
(✓) 4. Attach simulator to the simulator entrance port on the Intoxilyzer.
✓ (✓) 5. Intoxilyzer 5000 display reads "READY TO START" or "PUSH BUTTON".
✓ (✓) 6. Push Start Test button or press enter on keyboard.
✓ (✓) 7. Insert card in response to display.
✓ (✓) 8. Air blank completed.
✓ (✓) 9. Standard Calibration Check completed. Test results 0.077AC & 0.077 AC.
✓ (✓) 10. Air blank completed.
✓ (✓) 11. When test complete, remove printed record. Attach the record to the completed checklist.
(✓) 12. Return mode selection switch #9 to off position after all calibration checks are complete or type Q and enter on keyboard.

SIGNATURE Jennifer L. Coombs

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

DPS Form Exh E-2 (Rev. 05-1)

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#13

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002659
07/13/06

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:34
INVALID SAMPLE	.XXX	11:35
AIR BLANK	.000	11:35

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

Sweet Breath

INTOXILYZER® INSTRUMENT PRINTER CARD

© 1986 by CMI INC.

#13

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002659
07/13/06

TEST	BAC VALUE	TIME
AIR BLANK	.000	12:08
*SUBJECT TEST	.193	12:10
AIR BLANK	.000	12:10

* DEFICIENT SAMPLE - VALUE PRINTED WAS HIGHEST OBTAINED.

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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B4

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TUCSON POLICE DEPARTMENT
CRIME LABORATORY

INTOXILYZER SERVICE RECORD

T04

QAS: Jennifer Coombs 46160

Intoxilyzer Serial Number: 64-002659 (#13)

Date Returned to Service: 7/13/06

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