



CERTIFICATION by CUSTODIAN of RECORDS
Tucson Police Department Crime Laboratory

TS4

I hereby certify that these documents are a true and correct copy of the periodic maintenance* for the Intoxilyzer 5000 Serial Number 64-002516(#12) 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. R9-14-404.A.3, for a 0.080AC solution are 0.070AC to 0.090AC.

Date: 6/27/05 Cal 1 0.075 AC Cal 2 0.078 AC

Date: NA Cal 1 _____ AC Cal 2 _____ AC

Date: NA Cal 1 _____ AC Cal 2 _____ AC

Between the dates of NA and NA the instrument was operating properly and accurately.

The instrument was taken out of service for repair on 6/7/05.
The instrument was returned to service on 6/27/05.

Irene Doran

Irene Doran

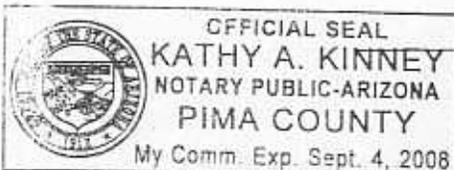
7/6/05

ADPS QAS Permit # QAS 29586

SUBSCRIBED AND SWORN to before me this 6, day of July, 2005.

Kathy A Kinney

Notary Public



*Includes documents specified in A.A.C. R9-14-404.A.6

EXHIBIT Q

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THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY
A.A.C. R9-14-404(A)

TS4

ARIZONA DEPARTMENT OF HEALTH SERVICES
STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

TS

AGENCY Tucson Police QA SPECIALIST Terry Gallegos 28847
(Print Name)

INTOXILYZER SERIAL # 64-002516 (#12) LOCATION lab

DATE June 27 ^{1st} 2005 TIME 11:04

TS4

Display reads "READY TO START" or "PUSH BUTTON TO START TEST."

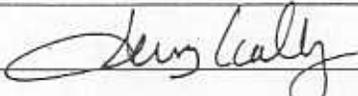
DIAGNOSTIC TESTS

- DVM Test check. Setting should be between .200 and .600. Mode selection switch S2 on, S1 and S3 off or keyboard menu selection "H". Reading is .364.
- Display Test check. Mode selection switch S1 on and S2 and S3 off or keyboard menu selection "V".
- Printer Test check. Mode selection switch S1, S2, S3 off or keyboard menu selection "P".
- Clock time check. Mode selection switch S10 on or keyboard menu selection "E".
- Date check. Mode selection switch S11 on or keyboard menu selection "E".

OPERATIONAL TESTS

- Alcohol free subject Test result 0.000 AC
 - Error recognition logic system functioning
Invalid test printed
 - Proper sample recognition system
Invalid sample printed ✓
Deficient sample printed ✓
 - N/A Completeness of sample purge with collection tube**
 - Calibration standard 0.080 AC
Results: 0.075 AC and 0.078 AC
- Instrument operating properly and accurately. YES NO

COMMENTS: _____

SIGNATURE 

0. N/A alcohol concentration standard collected for subsequent analysis.**

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD
**THIS STEP IS ONLY REQUIRED IF THIS DEVICE IS BEING USED FOR SAMPLE CAPTURE.

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TS4

SN 64-002516
E47.02
INVALID TEST

06/27/05
11:18

#12

DVM = .364

SUBJECT'S NAME _____ Lab _____
 INSTRUMENT LOCATION _____
 TIME FIRST OBSERVED _____ 28847 _____
 OPERATOR _____
 ADDITIONAL INFORMATION AND/OR REMARKS
 P BWT



INTOXILYZER® INSTRUMENT PRINTER CARD
© 1985 by CMI INC.

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002516
06/27/05

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:19
SUBJECT TEST	.000	11:19
AIR BLANK	.000	11:19

#12

SUBJECT'S NAME _____ Lab _____
 INSTRUMENT LOCATION _____
 TIME FIRST OBSERVED _____ 28847 _____
 OPERATOR _____
 ADDITIONAL INFORMATION AND/OR REMARKS



INTOXILYZER® INSTRUMENT PRINTER CARD
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3076 JK
T84

Tucson Police Department Crime Laboratory

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002516
06/27/05

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:21
CAL. CHECK	.075	11:21
AIR BLANK	.000	11:22

#12

SUBJECT'S NAME _____
INSTRUMENT LOCATION Lab

TIME FIRST OBSERVED _____
OPERATOR 28847

ADDITIONAL INFORMATION AND/OR REMARKS



INTOXILYZER® INSTRUMENT PRINTER CARD

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FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002516
06/27/05

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:23
CAL. CHECK	.078	11:23
AIR BLANK	.000	11:23

#12

SUBJECT'S NAME _____
INSTRUMENT LOCATION Lab

TIME FIRST OBSERVED _____
OPERATOR 28847

ADDITIONAL INFORMATION AND/OR REMARKS



INTOXILYZER® INSTRUMENT PRINTER CARD

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TS4

SN 64-002516 06/27/85
E47.02 11:04
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Q306 |-----
Q305 |-----
Q302 |-----
Q303 |-----
Q304 |-----
Q301 |-----

#12

SUBJECT'S NAME

TIME FIRST OBSERVED

INSTRUMENT LOCATION

20047
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

EXHIBIT P

5 of 6

TJG

THIS REPORT PREPARED PURSUANT TO DUTY IMPOSED BY
A.A.C. R9-14-404(A)

ARIZONA DEPARTMENT OF HEALTH SERVICES *AS*

STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

STANDARD CALIBRATION CHECK PROCEDURE

Agency Tucson Police Department Date 6-27-05 Time 11:04
Intoxilyzer Serial # 64-002516 (#12) Location Lab
QA Specialist Terry Gallegos 28847
(Print Name)

- (✓) 1. Pour a standard alcohol solution of known value into a clean dry simulator jar and assemble the simulator. Insure 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 + .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. Calibration check completed. Test results 0.075AC and 0.078 AC
- (✓) 10. Air blank completed.
- (✓) 11. When display reads Test Complete remove evidence card. Attach the card 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 *Terry Gallegos*

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

DHS/DSLS/Form C116 (Rev. 7-93)

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002516
06/27/05

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:25
INVALID SAMPLE	.XXX	11:25
AIR BLANK	.000	11:26

#12

SUBJECT'S NAME

Lab

INSTRUMENT LOCATION

TIME FIRST OBSERVED

20847

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

Sweet breath

CMI

INTOXILYZER® INSTRUMENT PRINTER CARD

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FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002516
06/27/05

TEST	BAC VALUE	TIME
AIR BLANK	.000	11:29
*SUBJECT TEST	.077	11:31
AIR BLANK	.000	11:32

* DEFICIENT SAMPLE - VALUE
PRINTED WAS HIGHEST OBTAINED.

#12

SUBJECT'S NAME

Lab

INSTRUMENT LOCATION

TIME FIRST OBSERVED

20847

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

CMI

INTOXILYZER® INSTRUMENT PRINTER CARD

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6066

TJg



MEMORANDUM

DATE: June 7, 2005

TO: Applied Electronics
448 Grand Avenue
Eagle, CO 81631

FROM: Irene Doran 
Tucson Police Department
Crime Laboratory
270 S. Stone Avenue
Tucson, AZ 85701-1917

SUBJECT: Intoxilyzer 5000 Maintenance and Repair

Enclosed is Intoxilyzer 64-002516 (#12). It was pulled from service for preventive maintenance. The calibration checks are within the accuracy limits but on the low end.

Please 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.

CERTIFICATE OF CALIBRATION

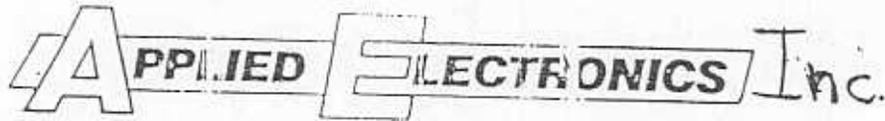
This is to certify that the calibration of INTOXILYZER® serial number 64-002516, was tested and found to be in compliance with the National Highway Traffic Safety Administration Standard for Devices to Measure Breath Alcohol (3.8 F.R., No. 212 30459-30463 Nov. 5, 1973.)

Date June 21, 2005

Signed Robert Bink
Technician

APLIED **E**LECTRONICS

Factory Authorized Service Facility For CMI/MPH Products



448 GRAND FIVE.
55 EAGLE PARK EAST DRIVE • 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 warranty 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.

CUSTOMER SERVICE REPORT

RECEIVED FROM

CUSTOMER Tucson Police Dept

DEPT. _____

STREET 270 S. Stone Ave

CITY Tucson

STATE AZ ZIP 85701

ATTEN: _____

PHONE () _____

DATE 6-14-05

REC'D VIA UPS

COD CHARGE _____

P.O. NO. _____

SHIP TO

CUSTOMER _____

DEPT. _____

STREET _____

CITY _____

STATE _____

ATTEN: _____

PHONE () _____

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.

EQUIPMENT RECEIVED		INVENTORY			
MODEL	SERIAL NO.	CARRYING CASE	EXTENSION CABLE	KEYBOARD/CABLE	
<u>5000</u>	<u>64-00 2516</u>	<input type="checkbox"/>	<input type="checkbox"/>	<u>None</u>	<input type="checkbox"/>
		ECM CABLE	TUNING FORK POUCH	PAT BOX	<input type="checkbox"/>
		REMOTE LOCK	TUNING FORK POUCH	SIMULATOR	<input type="checkbox"/>
		DASH BRACKET	BATTERY PACK	BREATH TUBE	<input checked="" type="checkbox"/>
		DECK BRACKET	BATTERY CHARGER		<input type="checkbox"/>
		BAIL BRACKET	A/C POWER CORD <u>None</u>		<input type="checkbox"/>
			DESCRIPTION OF CHARGES	PART NO.	QTY
			<u>IR Source</u>	<u>140040</u>	<u>1</u>
			<u>Chopper Motor</u>	<u>340025</u>	<u>1</u>

CUSTOMER COMPLAINT / SERVICE REQUESTED

Cal. Checks at low end of limits.

CORRECTIVE ACTION TAKEN

Replaced weak IR Source.

Replaced noisy Chopper Motor.

Cleaned fan part and internal components.

Cleaned optics and printer.

Calibrated Calibration.

DESCRIPTION OF CHARGES	PART NO.	QTY	UNIT PRICE	TOTAL
<u>Calibration Cost</u>				
TOTAL PARTS				
TOTAL LABOR				<u>2.7 HR</u>
TAX				
INSURANCE / SHIPPING/HANDLING				<u>45.43</u>
TOTAL				

FACTORY AUTHORIZED WARRANTY

SERVICE FACILITY FOR ALL
CMI AND MPH PRODUCTS



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TS4



TUCSON POLICE DEPARTMENT
CRIME LABORATORY

INTOXILYZER SERVICE RECORD

PK

QAS: Terry Gallegos 28847

Intoxilyzer Serial Number: 64-002516 (#12)

Date Returned to Service: 6.27.2005