Tucson Police Department
Crime Laboratory
270 S. Stone Avenue
Tucson, AZ 85701-1917

August 18, 2004
Applied Electronics
448 Grand Avenue
Eagle, CO 81631

To Whom It May Concern:

Enclosed is Intoxilyzer 64-003303. The following information is the most recent history of the instrument. I am sending it to you for preventive maintenance.

7/2/04 This instrument was recently in for time/date repair (Calibration done 7/2/04.)

7/14/04 We returned the Intox to the field.

8/11/04 When we did our monthly checks, the time was off by a few minutes and the date was accurate.

8/16/04 The officer using this intox reported that the date and time were inaccurate.

8/17/04 I checked the instrument. The intox displayed 2/20/04.

The actual time was 1000 and the intox displayed 1533.

I reset the date and time and performed the monthly checks.

8/18/04 The instrument was left on overnight and the date and time remained accurate.

I turned the instrument off and on to check the date and time. Both remained accurate. I repeated this two more times. I was unable to reproduce the date and time error.

When I performed a subject test, the instrument remained in the 2nd air blank. During the extended air blank, the display showed "PUSH BUTTON ..." as if it was ready to begin another test even though the subject test had not completed the 2nd air blank and ejected the test card.

I performed three successful subject tests but was unable to reproduce this error.

Please review the instrument for the time date problem experienced by the officer and the subject test problem experienced by me.

Sincerely,

Irene Doran

Irene Doran
Criminalist/QAS
520-791-4494

CUSTOMER SERVICE REPORT

RECEIVED FROM		DATE 9-1-04	SHIP TO	
CUSTOMER Tucson Police Dept		REC'D VIA UPS	CUSTOMER	
DEPT.			DEPT.	
STREET 270 S. Stone Ave		COD CHARGE	STREET	
CITY Tucson			CITY	
STATE AZ	ZIP 85701	P.O. NO.	STATE	ZIP
ATTEN:			ATTEN:	
PHONE ( )			PHONE ( )	

EQUIPMENT RECEIVED INVENTORY

MODEL 5000		CARRYING CASE ☐		EXTENSION CABLE ☐		KEYBOARD/CABLE None ☐	
SERIAL NO. 64-003303		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.							

DESCRIPTION OF CHARGES	PART NO.	QTY	UNIT PRICE	TOTAL
Power Supply Asy	120063	1		
Calibration Cert		1		
			TOTAL PARTS	
2.4 HRS			TOTAL LABOR	
			TAX	
45 LBS			INSURANCE/ SHIPPING/HANDLING	
			TOTAL	

CUSTOMER COMPLAINT / SERVICE REQUESTED

During Subject test, Intox went into extended Air blank and displayed "Push button". Check for Time/Date errors.

CORRECTIVE ACTION TAKEN

Replaced blown power supply Asy. Repaired broken ground connections at power plug. Cleaned optics and printer. Certified Calibration

FACTORY AUTHORIZED WARRANTY
SERVICE FACILITY FOR ALL
CMI AND MPH PRODUCTS

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

APPLIED ELECTRONICS Inc.
~~55 EAGLE PARK EAST DRIVE~~ 448 GRAND AVE. • 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.

CERTIFICATE OF CALIBRATION

This is to certify that the calibration of INTOXILYZER®
serial number 64-003303 *, 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 Sept 9, 2004 Signed Robert C Brite
Technician

APPLIED ELECTRONICS

Factory Authorized Service Facility For CMI/MPH Products

EXHIBIT Q

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

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

AGENCY Tucson Police QA SPECIALIST Irene Doran (46331)
(Print Name)

INTOXILYZER SERIAL # 64-003303 (#16) LOCATION LAB
DATE September 20 2004 TIME 1437

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 .370.

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: 0.077AC + 0.077AC

Instrument operating properly and accurately. YES ✓ NO__

COMMENTS: _____

SIGNATURE Irene Doran

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.

DHS/DSLS/Form C117(Rev.7-93)

SN 64-003303 #16 09/20/04
E47.04 14:42
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
HHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
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HHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
Q307 |----------
Q306 |----------
Q305 |----------
Q302 |----------
Q303 |----------
Q304 |----------
Q301 |----------

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

46331

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

© 1986 by CMI INC.

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-003303
09/20/04 #16

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:43
SUBJECT TEST	.000	14:43
AIR BLANK	.000	14:43

DVM = .370

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

46331

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

© 1986 by CMI INC.

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-003303
09/20/04

#16

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:49
CAL. CHECK	.077	14:49
AIR BLANK	.000	14:49

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-003303
09/20/04

#16

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:50
CAL. CHECK	.077	14:51
AIR BLANK	.000	14:51

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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Tucson Police Department Crime Laboratory

386

486

SN 64-003303
E47.04
INVALID TEST
SAMPLE INTRODUCED
AT IMPROPER TIME.

09/20/04
14:52
#16

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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EXHIBIT P

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

ARIZONA DEPARTMENT OF HEALTH SERVICES

STANDARD QUALITY ASSURANCE PROCEDURES
INTOXILYZER MODEL 5000*

STANDARD CALIBRATION CHECK PROCEDURE

Agency Tucson Police Department Date 9/20/04 Time 1437
Intoxilyzer Serial# 64-003303(#16) Location LAB
QA Specialist Irene Doran (46331)
(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 0.077+0.077 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 Irene Doran

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

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

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-003303
09/20/04 #16

TEST	BAC VALUE	TIME
AIR BLANK	.000	15:04
INVALID SAMPLE	.XXX	15:04
AIR BLANK	.000	15:05

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

sweet breath

INTOXILYZER® INSTRUMENT PRINTER CARD

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CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-003303
09/20/04 #16

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:53
*SUBJECT TEST	.074	14:55
AIR BLANK	.000	14:55

* DEFICIENT SAMPLE - VALUE PRINTED WAS HIGHEST OBTAINED.

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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