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

September 30, 2004

Applied Electronics
448 Grand Avenue
Eagle, CO 81631

To Whom It May Concern:

Enclosed is Intoxilyzer 66-004798.

Reason:

Instrument needs preventative maintenance. The DVM reading is within the acceptable range but steadily approaching the high end.

Please optimize the DVM.

Sincerely,

Jennifer L. Coombs

Jennifer L. Coombs
Criminalist/QAS
520-791-4494

CUSTOMER SERVICE REPORT

RECEIVED FROM		SHIP TO
CUSTOMER Tucson Police Dept	DATE 10-6-04	CUSTOMER
DEPT.	REC'D VIA UPS	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. 66-00 4798	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

DVM Slowly moves upward to the high end of range.

CORRECTIVE ACTION TAKEN

Cleaned sample Chamber. Replaced gaskets.
Replaced weak IR Source.
Cleaned optics and grinder.
Certified Calibration.

DESCRIPTION OF CHARGES	PART NO.	QTY	UNIT PRICE	TOTAL
Gasket	470088	4		
IR Source	140040	1		
Calibration Cert		1		
			TOTAL PARTS	
2.9 HRS			TOTAL LABOR	
			TAX	
45 LBS			INSURANCE/SHIPPING/HANDLING	
			TOTAL	

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~~ 1445 GRAND AVE. • P.O. BOX 600 • 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 66-004798 *, 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 Oct. 12, 2004 Signed Robert C Brink
Technician

APPLIED ELECTRONICS

Factory Authorized Service Facility For CMI/MPH Products

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jfc

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 154
INTOXILYZER MODEL 5000*

AGENCY Tucson Police QA SPECIALIST Jennifer Coombs 461160
(Print Name)

INTOXILYZER SERIAL # 66-004798 LOCATION LAB
DATE October 22 ~~19~~ 2004 jfc TIME 1025

✓ 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 .350.

✓ 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 Jennifer L. Coombs

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 66-004798 10/22/04
E767.14 10:27

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Q307 |----------
Q306 |----------
Q305 |----------
Q302 |----------
Q303 |----------
Q304 |----------
Q301 |----------

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED

INSTRUMENT LOCATION

46160

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004798
10/22/04 10:38

TEST	BRAC VALUE	TIME
AIR BLANK	.000	10:36
SUBJECT TEST	.000	10:38
AIR BLANK	.000	10:38

DVM=.350

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED

INSTRUMENT LOCATION

46160

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004798
10/22/04 10:33

TEST	BRAC VALUE	TIME
AIR BLANK	.000	10:33
CAL. CHECK	.077	10:33
AIR BLANK	.000	10:33

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

461160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004798
10/22/04 10:35

TEST	BRAC VALUE	TIME
AIR BLANK	.000	10:34
CAL. CHECK	.077	10:35
AIR BLANK	.000	10:35

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

461160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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Tucson Police Department Crime Laboratory

386

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file

SN 66-004798
E767.14
INVALID TEST

10/22/04
10:39

PRESSED START TEST AT
IMPROPER TIME

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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jlc

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 BH

Agency Tucson Police Department Date 10/22/04 Time 1025
Intoxilyzer Serial# 166-004798 Location LAB
QA Specialist Jennifer Coombs 46160
(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 0.077AC & 0.077AC

✓(✓) 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 Jennifer L. Coombs

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

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

TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004798
10/22/04 10:40

TEST	BRAC VALUE	TIME
AIR BLANK	.000	10:40
INVALID SAMPLE	.MOA	10:40
AIR BLANK	.000	10:40

BEGIN NEW DEPRIVATION PERIOD

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

461160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

Sweet Breath

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004798
10/22/04 10:44

TEST	BRAC VALUE	TIME
AIR BLANK	.000	10:41
*SUBJECT TEST	.081	10:44
AIR BLANK	.000	10:44

* DEFICIENT SAMPLE - VALUE PRINTED WAS HIGHEST OBTAINED.

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

461160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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