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

February 10, 2004
Applied Electronics
448 Grand Avenue
Eagle, CO 81631

To Whom It May Concern:

Enclosed is **Intoxilyzer 66-004814**. This instrument was serviced by Applied Electronics on October 15, 2003.

On January 29, 2004, we were able to perform the relevant quality control diagnostic and operational tests for the month.

However, the instrument is experiencing intermittent "ambient failures." In order to prevent future problems, please repair.

Sincerely,
Irene Doran
Criminalist/QAS
520-791-4494

Enclosures (2)

CUSTOMER SERVICE REPORT

RECEIVED FROM		DATE 2-17-04	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.	66-004814	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

CUSTOMER COMPLAINT / SERVICE REQUESTED

Ambient Failed Errors
Failed Diagnostics

CORRECTIVE ACTION TAKEN

Could not duplicate Ambient Failed error. Inspected/cleaned all plumbing components, Sample chamber and solenoid valve. No contamination found.
Certified Calibration.

	TOTAL PARTS	
2.4 HRS	TOTAL LABOR	NC
	TAX	
45LBS	INSURANCE/SHIPPING/HANDLING	NC
	TOTAL	NC

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

CERTIFICATE OF CALIBRATION

This is to certify that the calibration of INTOXILYZER®
serial number 60-004814 *, 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 Feb. 24, 2004 Signed Robert C Burke
Technician

APPLIED ELECTRONICS

Factory Authorized Service Facility For CMI/MPH Products

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TUCSON POLICE DEPARTMENT
CRIME LABORATORY

INTOXILYZER SERVICE RECORD

Date: 3/1/04
Intoxilyzer Serial Number: 66-004814
QAS: Irene Doran (46331)

Problem Description:
Instrument did not adjust date for leap year

If the instrument is taken out of service, complete the following:

Date out of service NA

Calibration Check completed prior to removal from service:

☐ Yes Date:_____ ☐ No

SQAP completed prior to removal from service:

☐ Yes Date:_____ ☐ No

Date returned to service: NA

Corrective Action Taken or Repairs:
Adjusted date from 3/2/04 to 3/1/04

2 3 2

SN 66-004814 03/02/04
E767.14 14:27
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Q307 |----------
Q306 |----------
Q305 |----------
Q302 |----------
Q303 |----------
Q304 |----------
Q301 |----------

Changed date to 3/1/04
for leap yr

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

Date changed with
P&Q before putting back
into service

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC

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106 6
PS

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 BY
INTOXILYZER MODEL 5000*

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

INTOXILYZER SERIAL # 66-004814 LOCATION LAB
DATE March 1 ~~19~~ 2004 TIME 1420
PS

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

DIAGNOSTIC TESTS

PS 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 .262.

PS Display Test check. Mode selection switch S1 on and S2 and S3 off or keyboard menu selection "V".

PS Printer Test check. Mode selection switch S1, S2, S3 off or keyboard menu selection "P".

PS Clock time check. Mode selection switch S10 on or keyboard menu selection "E".

PS * Date check. Mode selection switch S11 on or keyboard menu selection "E".

OPERATIONAL TESTS

PS Alcohol free subject Test result 0.000 AC

PS Error recognition logic system functioning
Invalid test printed

PS Proper sample recognition system
Invalid sample printed PS
Deficient sample printed PS

N/A Completeness of sample purge with collection tube**

PS Calibration standard 0.080 AC
Results: 0.083 + 0.082 AC

Instrument operating properly and accurately. YES ✓ NO__

COMMENTS: * Changed date from 3/2/04 to 3/1/04

SIGNATURE Irene Doran 11/4/04

0.N/A PS 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 66-004814 03/01/04
E767.14 14:38
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0306 |----------
0305 |----------
0302 |----------
0303 |----------
0304 |----------
0301 |----------

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

DORAN (46331)

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 66-004814
03/01/04 14:37

TEST	BRAC VALUE	TIME
AIR BLANK	.000	14:37
SUBJECT TEST	.000	14:37
AIR BLANK	.000	14:37

DVM = .260

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

DORAN (46331)

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004814
03/01/04 14:46

TEST	BRAC VALUE	TIME
AIR BLANK	.000	14:46
CAL. CHECK	.083	14:46
AIR BLANK	.000	14:46

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

DORAN (46331)
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004814
03/01/04 14:49

TEST	BRAC VALUE	TIME
AIR BLANK	.000	14:48
CAL. CHECK	.082	14:49
AIR BLANK	.000	14:49

SUBJECT'S NAME

TIME FIRST OBSERVED

LAB
INSTRUMENT LOCATION

DORAN (46331)
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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CMI INC

Tucson Police Department Crime Laboratory

3 of 6

4 of 6

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SN 86-004814 03/01/04
E767.14 14:43
INVALID TEST

SAMPLE INTRODUCED
AT IMPROPER TIME.

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

DORAN (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 134

Agency Tucson Police Department Date 3/1/04 Time 1420
Intoxilyzer Serial# 66-004814 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 0.083 + 0.082 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)

TUCSON POLICE DEPARTMENT
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004814
03/01/04 15:01

TEST	BRAC VALUE	TIME
AIR BLANK	.000	15:00
INVALID SAMPLE	.MOA	15:01
AIR BLANK	.000	15:01

BEGIN NEW DEPRIVATION PERIOD

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

DORAN (46331)

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 66-004814
03/01/04 14:58

TEST	BRAC VALUE	TIME
AIR BLANK	.000	14:54
*SUBJECT TEST	.077	14:58
AIR BLANK	.000	14:58

* DEFICIENT SAMPLE - VALUE PRINTED WAS HIGHEST OBTAINED.

SUBJECT'S NAME

LAB

TIME FIRST OBSERVED INSTRUMENT LOCATION

DORAN (46331)

OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

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