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

September 28, 2004
Applied Electronics
448 Grand Avenue
Eagle, CO 81631

To Whom It May Concern:

Enclosed is Intoxilyzer 66-004014 (#17).

Reason for repair:

Instrument needs preventative maintenance. During the DVM test check the DVM exhibited a slow drift.

Please repair.

Sincerely,

Jennifer L. Coombs

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

# CUSTOMER SERVICE REPORT

| RECEIVED FROM | | SHIP TO |
|---|---|---|
| CUSTOMER Tucson Police Dept | DATE 10-5-04 | 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. 66-004014 | 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 drifts
Perform preventent-maint

CORRECTIVE ACTION TAKEN

Installed Voltage Regulator upgrade.
Cleaned/Aligned optics
Replaced weak IR Source.
Repaired broken fan connection.
Cleaned printer. Certified Calibration

| DESCRIPTION OF CHARGES | PART NO. | QTY | UNIT PRICE | TOTAL |
|---|---|---|---|---|
| Voltage Regulator | 230013 | 1 | | |
| Battery | 340035 | 1 | | |
| Connector | 320105 | 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

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 608 • 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 Applie 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* 66-004014 *, 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 13, 2004 Signed [signature]
Technician

APPLIED ELECTRONICS

**Factory Authorized Service Facility For CMI/MPH Products**

1 of 6
JLC

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 TM
INTOXILYZER MODEL 5000*

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

INTOXILYZER SERIAL # 66-004014 (#17) LOCATION LAB
DATE October 21 JLC 2004 TIME 0723

✓ 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 .334.

✓ 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: 0.079AC & 0.078AC

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)

#17

SN 66-004014 10/21/04

E647.05 07:26

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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.

#17

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004014
10/21/04

| TEST | BAC VALUE | TIME |
|---|---|---|
| AIR BLANK | .000 | 07:35 |
| SUBJECT TEST | .000 | 07:35 |
| AIR BLANK | .000 | 07:36 |

DVM = .334

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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JLC

#17

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004014
10/21/04

| TEST | BAC VALUE | TIME |
|---|---|---|
| AIR BLANK | .000 | 07:31 |
| CAL. CHECK | .079 | 07:31 |
| AIR BLANK | .000 | 07:32 |

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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#17

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004014
10/21/04

| TEST | BAC VALUE | TIME |
|---|---|---|
| AIR BLANK | .000 | 07:32 |
| CAL. CHECK | .078 | 07:33 |
| AIR BLANK | .000 | 07:33 |

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 Crime Laboratory

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file

SN 86-004014 10/21/04 #17
E647.05 07:37
INVALID TEST
SAMPLE INTRODUCED
AT IMPROPER TIME.

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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file

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 TSM

Agency Tucson Police Department Date 10/21/04 Time 0723
Intoxilyzer Serial# 66-004014 (#17) 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 0.079AC & 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 Jennifer L. Coombs

*WITH OR WITHOUT VAPOR RECIRCULATION AND WITH OR WITHOUT KEYBOARD

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

#17

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004014
10/21/04

| TEST | BAC VALUE | TIME |
|---|---|---|
| AIR BLANK | .000 | 07:37 |
| INVALID SAMPLE | .XXX | 07:37 |
| AIR BLANK | .000 | 07:38 |

SUBJECT'S NAME

LAB
TIME FIRST OBSERVED
INSTRUMENT LOCATION

46160
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS
Sweet Breath

INTOXILYZER INSTRUMENT PRINTER CARD

CMI INC

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#17

CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 66-004014
10/21/04

| TEST | BAC VALUE | TIME |
|---|---|---|
| AIR BLANK | .000 | 07:39 |
| *SUBJECT TEST | .072 | 07:41 |
| AIR BLANK | .000 | 07:41 |

* DEFICIENT SAMPLE - VALUE PRINTED WAS HIGHEST OBTAINED.

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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