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

October 14, 2004

Applied Electronics
448 Grand Avenue
Eagle, CO 81631

To Whom It May Concern:

Enclosed is Intoxilyzer 64-002505 (#11).

Reason:

The printer is pulling cards all the way into the instrument. In addition, during the first air blank of any test, the instrument reads ambient failed.

Please repair.

Sincerely,

Jennifer L. Coombs

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

CUSTOMER SERVICE REPORT

RECEIVED FROM		DATE 10-25-04	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		STATE	ZIP
ATTEN:		P.O. NO.	ATTEN:	
PHONE ( )			PHONE ( )	

EQUIPMENT RECEIVED INVENTORY

MODEL 5000		CARRYING CASE	☐	EXTENSION CABLE	☐	KEYBOARD/CABLE None	☐
SERIAL NO. 64-002505		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

Printer pulls cards all the way through Printer.
During first Air blank, = Ambient Failed

CORRECTIVE ACTION TAKEN

Replaced bad Card detect Sensor.
Replaced burnt circuit board connector
Cleaned solenoid Valve internal tubing and breath hose - Replaced Chopper Motor. Cleaned optics and printer
Certified Calibration

DESCRIPTION OF CHARGES	PART NO.	QTY	UNIT PRICE	TOTAL
Chopper Motor	340025	1		
Card Sensor	300050	1		
Connector	320104	1		
Check Valve	410047	2		
Calibration Cert		1		
			TOTAL PARTS	
3.0 HRS			TOTAL LABOR	
			TAX	
45.31			INSURANCE/ SHIPPING/HANDLING	
			TOTAL	

FACTORY AUTHORIZED WARRANTY
SERVICE FACILITY FOR ALL
CMI MPH

APPLIED ELECTRONICS, INC.

APPLIED ELECTRONICS Inc.

~~55 EAGLE PARK EAST DRIVE~~ 1445 GRAND AVE. • P.O. BOX 681 • 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 64-002505*, 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 Nov 2, 2004 Signed Robert C Brink
Technician

APPLIED ELECTRONICS

Factory Authorized Service Facility For CMI/MPH Products

1 of 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
INTOXILYZER MODEL 5000*

AGENCY Tucson Police QA SPECIALIST Irene Doran 4633
(Print Name)
INTOXILYZER SERIAL # 64-002505(#11) LOCATION LAB
DATE November 10 ~~13~~ 2004 TIME 1400
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 .326.

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

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: 0.077AC & 0.078AC

Instrument operating properly and accurately. YES ✓ NO__

COMMENTS: _____

SIGNATURE Irene Doran

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 64-002505 #11 11/10/04
847.02 14:13
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
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EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
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HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH
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Q307 I----------
Q306 I----------
Q305 I----------
Q302 I----------
Q303 I----------
Q304 I----------
Q301 I----------

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.

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002505
11/10/04

#11

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:10
SUBJECT TEST	.000	14:11
AIR BLANK	.000	14:11

DVM= .326

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.

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002505
11/10/04 #11

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:07
CAL. CHECK	.077	14:08
AIR BLANK	.000	14:08

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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FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002505
11/10/04 #11

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:09
CAL. CHECK	.078	14:09
AIR BLANK	.000	14:09

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

496
95

SN 64-002505
E47.02
INVALID TEST
SAMPLE INTRODUCED
AT IMPROPER TIME.

#11

11/10/04
14:16

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

INTOXILYZER® INSTRUMENT PRINTER CARD

CMI INC.

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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 11/10/04 Time 1400
Intoxilyzer Serial# 64-002505(#11) 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+0.078 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 Irene Doran

*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 64-002505
11/10/04

#11

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:16
INVALID SAMPLE	.XXX	14:17
AIR BLANK	.000	14:17

SUBJECT'S NAME

LAB
INSTRUMENT LOCATION

TIME FIRST OBSERVED

46331
OPERATOR

ADDITIONAL INFORMATION AND/OR REMARKS

sweet breath

INTOXILYZER® INSTRUMENT PRINTER CARD

© 1986 by CMI INC.

FEDERAL SIGNAL CORP. / CMI INC
INTOXILYZER - ALCOHOL ANALYZER
AZ MODEL 5000 SN 64-002505
11/10/04

#11

TEST	BAC VALUE	TIME
AIR BLANK	.000	14:22
*SUBJECT TEST	.119	14:24
AIR BLANK	.000	14:24

* 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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