



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 035485	PRINTER SN 096.3580.926	DATE OF INSPECTION 11-6-14
LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Ct. O'Fallon		TIME OF INSPECTION 0745

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) passed
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 25°C
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY passed
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY 0819 11-6-14

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Guth Laboratories LOT # 14170 EXP. DATE 7-14-16	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SP2290 SIMULATOR EXP DATE 6-4-15	

CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)
Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

<input type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input checked="" type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 • .080	TEST 2 • .080	TEST 3 • .080
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IRFI DETECTOR OPERATING **passed**

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 1	(OVER .19) 0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**Re Calibrated 11-6-14 8:14 11-6-14 Test Record 164 .080
Solution Lot # 14170**

INSPECTING OFFICER	
SIGNATURE Michael C Hoette	PRINT NAME Michael C Hoette
TYPE II PERMIT NUMBER/EXPIRATION DATE 240296 7-15-16	TELEPHONE NUMBER 636-949-0809

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **14170** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 15, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.0973%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 14, 2016** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.080 g/210L \pm 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN021111-03 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



PERMIT
 TYPE II

MICHAEL C HOEFLE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/15/2014

NUMBER 240296

EXPIRES 7/15/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO-580-0771-(6-10)

LAB-4-(66-10)

STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator HOEFLE, MICHAEL
 Permit No 240296
 Date Issued 7/15/2014 Date Expires 7/15/2016

AS 1U Serial) no: 635485
Version no: 5320

TEST RECORD 00166

Temp Date Time 210L 9/

Air Blank:
11/06/14 09:29 .000
Calibration Check:
25 11/06/14 09:29 .000

Subject Name

Subject I.D.

Operator Name: J.M.

Hoyle 510

101 Sheriff Dierker
CT

AS 1U Serial) no: 635485
Version no: 5320

TEST RECORD 00167

Temp Date Time 210L 9/

Air Blank:
11/06/14 09:29 .000
Calibration Check:
25 11/06/14 09:29 .000

Subject Name

Subject I.D.

Operator Name: J.M.

Hoyle 510

101 Sheriff Dierker
CT

AS 1U Serial) no: 635485
Version no: 5320

TEST RECORD 00168

Temp Date Time 210L 9/

Air Blank:
11/06/14 09:29 .000
Calibration Check:
25 11/06/14 09:29 .000

Subject Name

Subject I.D.

Operator Name: J.M.

Hoyle 510

101 Sheriff Dierker
CT

AS 1U Serial) no: 635485
Version no: 5320

TEST RECORD 00169

Temp Date Time 210L 9/

UO1D: RT1
12 11/06/14 09:29

Subject Name

Subject I.D.

Operator Name: J.M.

Hoyle 510

101 Sheriff Dierker
CT