



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #7

By Carol Day at 8:38 am, Sep 09, 2015

Complete this report in duplicate at the time of the regular monthly preventive 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 097443	PRINTER SN 096.3580.0953	DATE OF INSPECTION 09-06-2015
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LOCATION OF INSTRUMENT (STREET AND CITY) Stone County Sheriff's Office / 110 S Maple, Galena, MO	TIME OF INSPECTION 1531
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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.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 21°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH</u>	LOT # <u>15120</u>	EXP. DATE <u>04-29-2017</u>
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<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIMULATOR SN <u>SD2282</u>	SIMULATOR EXP DATE <u>11-05-2015</u>
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- 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)
 - 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
 - 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
 - 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ➡ 0.097	TEST 2 ➡ 0.097	TEST 3 ➡ 0.097
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- RFI DETECTOR OPERATING

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)	0	(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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Dan Fletcher #162
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TYPE II PERMIT NUMBER/EXPIRATION DATE 240406 / 11-20-2016	TELEPHONE NUMBER 417-357-6116
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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

AS IV Serial no: 097443
Version no: 532B

TEST RECORD 00307

Temp Date Time 210L ^{s/}

Air Blank: 09/06/15 15:33 .000
Calibration Check: 20 09/06/15 15:33 .097

Subject Name Maintenances
Subject I.D. _____
Operator Name, I.D. DEITCHER 24040L
Location State Co Jail

AS IV Serial no: 097443
Version no: 532B

TEST RECORD 00308

Temp Date Time 210L ^{s/}

Air Blank: 09/06/15 15:35 .000
Calibration Check: 21 09/06/15 15:35 .097

Subject Name Maintenance
Subject I.D. _____
Operator Name, I.D. DEITCHER 24040L
Location State Co Jail

AS IV Serial no: 097443
Version no: 532B

TEST RECORD 00309

Temp Date Time 210L ^{s/}

Air Blank: 09/06/15 15:37 .000
Calibration Check: 22 09/06/15 15:37 .097

Subject Name Maintenance
Subject I.D. _____
Operator Name, I.D. DEITCHER 24040L
Location State Co Jail

AS IV Serial no: 097443
Version no: 532B

TEST RECORD 00310

Temp Date Time 210L ^{s/}

VOID: FFI
12 09/06/15 15:39

Subject Name Maintenance
Subject I.D. _____
Operator Name, I.D. DEITCHER 24040L
Location State Co Jail



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

2

PERMIT
TYPE II

DANIEL D FLETCHER

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, INTOX DMT

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 11/20/2014

NUMBER 240406

EXPIRES 11/20/2016

MO-586-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paul Vorkenby

acting director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (06-10)



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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 **0.100 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 FN08051301 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.