



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 4:01 pm, Apr 06, 2016

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 097443	PRINTER SN 096.3580.953	DATE OF INSPECTION 04/06/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) STONE COUNTY SHERIFF'S OFFICE/ 110 S MAPLE, GALENA, MO, 65656	TIME OF INSPECTION 9:47 am
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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) 25°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<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>12/07/2016</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 ← 0.101	TEST 2 ← 0.100	TEST 3 ← 0.099
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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 Daniel Fletcher
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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

HS 1U Serial no: 097443
Version no: 532B

TEST RECORD 00370

Temp Date Time 210L

Air Blank: 04/06/16 09:41 .000
Subject Test: Auto 24 04/06/16 09:41 .000

Subject Name

Basic Test

Subject I.D. 11-20-14

DEITCHER 240404

Operator Name: I.D.

Stone County

Location

Mary Kay Maintenance

HS 1U Serial no: 097443
Version no: 532B

TEST RECORD 00371

Temp Date Time 210L

Air Blank: 04/06/16 09:43 .000
Calibration Check: 24 04/06/16 09:43 .101

Subject Name

Maintenance

Subject I.D. 11-20-14

DEITCHER 240404

Operator Name: I.D.

Stone County

Location

Mary Kay Maintenance

HS 1U Serial no: 097443
Version no: 532B

TEST RECORD 00372

Temp Date Time 210L

Air Blank: 04/06/16 09:45 .000
Calibration Check: 25 04/06/16 09:45 .100

Subject Name

Maintenance

Subject I.D. 11-20-14

DEITCHER 240404

Operator Name: I.D.

Stone County

Location

Mary Kay Maintenance

HS 1U Serial no: 097443
Version no: 532B

TEST RECORD 00373

Temp Date Time 210L

Air Blank: 04/06/16 09:47 .000
Calibration Check: 25 04/06/16 09:47 .099

Subject Name

Maintenance

Subject I.D. 11-20-14

DEITCHER 240404

Operator Name: I.D.

Stone County

Location

Mary Kay Maintenance

HS 1U Serial no: 097443
Version no: 532B

TEST RECORD 00374

Temp Date Time 210L

VOID: RFI
12 04/06/16 09:49

Subject Name

Maintenance

Subject I.D. 11-20-14

DEITCHER 240404

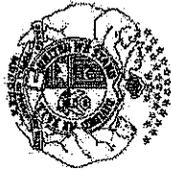
Operator Name: I.D.

Stone County

Location

Mary Kay Maintenance

RFI TEST



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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 240406

EXPIRES 11/20/2016

Paul Vadenberg
 acting director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 **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.