



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

received 1/14/14-cd
 REPORT #7

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

REVIEWED
 By Carol Day at 11:57 am, Feb 05, 2014

ALCO SENSOR IV SN 097419	PRINTER SN 093.3580.861	DATE OF INSPECTION 01/02/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 301 S Main Palmyra	TIME OF INSPECTION 12:08 pm
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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)
- 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
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u>	LOT # <u>13010</u> EXP. DATE <u>01/09/2015</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIMULATOR SN <u>DR5308</u> SIMULATOR EXP DATE <u>07/10/2014</u>

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 → .101	TEST 2 → .101	TEST 3 → .100
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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 <i>Ronald C. Peer</i>	PRINT NAME Ronald C. Peer, Jr. #501
TYPE II PERMIT NUMBER/EXPIRATION DATE 220183/08-03-2014	TELEPHONE NUMBER (573) 769-5540

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: 097419
Version no: 004C

TEST RECORD 00585

Temp Date Time ^{s/} 210L

Air Blank:
01/02/14 12:08 .000
Calibration Check:
22 01/02/14 12:08 .101

Subject Name

CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.

Ronald C. Perf 501

Location

PALMYRA PD

AS IV Serial no: 097419
Version no: 004C

TEST RECORD 00586

Temp Date Time ^{s/} 210L

Air Blank:
01/02/14 12:10 .000
Calibration Check:
23 01/02/14 12:10 .101

Subject Name

CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.

Ronald C. Perf 501

Location

PALMYRA PD

AS IV Serial no: 097419
Version no: 004C

TEST RECORD 00587

Temp Date Time ^{s/} 210L

Air Blank:
01/02/14 12:11 .000
Calibration Check:
24 01/02/14 12:11 .100

Subject Name

CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.

Ronald C. Perf 501

Location

PALMYRA PD

AS IV Serial no: 097419
Version no: 004C

TEST RECORD 00588

Temp Date Time ^{s/} 210L

Void: RFI
12 01/02/14 12:12

Subject Name

RFI TEST
Subject I.D.

Operator Name, I.D.

Ronald C. Perf 501

Location

PALMYRA PD



GUTH LABORATORIES, INC.

AN INDEPENDENT COMPANY • HARRISBURG, PA 17101-1001 • TELEPHONE: 717-651-5800

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 12010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL. S/N: 516N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 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 Certified Reference Standard lot number FNI22211-02 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



PERMIT
TYPE II



RONALD C PEER JR

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

ALCO-SENSOR IV W/PRINTER

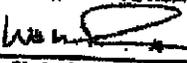
for the determination of the alcoholic content of blood from a sample of expired (alveolar) air, tested under the provisions of sections 577.020 through 577.041, RSMo 1986.

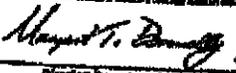
Date 08/03/2012

Number 220183

Expires 08/03/2014

MO 880-8775 (7-09)



Director of State Public Health Laboratory


Director, Department of Health

Lab-1 (07-09)