



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #7

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

By Carol Day at 1:20 pm, Jun 02, 2014

ALCO SENSOR IV SN 097419	PRINTER SN 096.3580.861	DATE OF INSPECTION 06/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 301 S Main Palmyra		TIME OF INSPECTION 9:12 am

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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 14110 EXP. DATE 05/01/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR5308 SIMULATOR EXP DATE 07/10/2014

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 ➔ .102

TEST 2 ➔ .102

TEST 3 ➔ .102

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)	1	(.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).

Calibrated instrument

INSPECTING OFFICER

SIGNATURE *Ronald C. Peer, Jr.*

PRINT NAME
Ronald C. Peer, Jr.

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 IU Serial no: 097419
Version no: 532B

TEST RECORD 00032

Temp Date Time 210L

Air Blank:
06/02/14 09:12 .000
Calibration Check:
25 06/02/14 09:12 .102

Subject Name
CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.
Ronald Chief 501
Location
PACMYRA PD

AS IU Serial no: 097419
Version no: 532B

TEST RECORD 00033

Temp Date Time 210L

Air Blank:
06/02/14 09:13 .000
Calibration Check:
25 06/02/14 09:10 .102

Subject Name
CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.
Ronald Chief 501
Location

AS IU Serial no: 097419
Version no: 532B

TEST RECORD 00034

Temp Date Time 210L

Air Blank:
06/02/14 09:15 .000
Calibration Check:
26 06/02/14 09:15 .102

Subject Name
CALIBRATION CHECK
Subject I.D.

Operator Name, I.D.
Ronald Chief 501
Location
PACMYRA PD

AS IU Serial no: 097419
Version no: 532B

TEST RECORD 00035

Temp Date Time 210L

VOID: RFI
12 06/02/14 09:18

Subject Name
RFI TEST
Subject I.D.

Operator Name, I.D.
Ronald Chief 501
Location
PACMYRA PD

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. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 08/03/2012

Number 220183

Expires 08/03/2014

Director of State Public Health Laboratory

Director, Department of Health



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 **14110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 5, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 1, 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 **0.100 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 FN122211-02 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.