



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

RECEIVED 2/27/14-CD

REVIEWED
 By Carol Day at 9:22 am, Mar 14, 2014 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 097413	PRINTER SN 091.3580.867	DATE OF INSPECTION 02/20/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DR CALVERTON PARK MO 63135		TIME OF INSPECTION 0630hr

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 # 13210 EXP. DATE 07/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD3327 SIMULATOR EXP DATE 01/13/2015

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 .100

TEST 2 .102

TEST 3 .100

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).

GUTH LAB .100 13210 EXP 07/29/2015

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Lowell Moore

TYPE II PERMIT NUMBER/EXPIRATION DATE
220110 05/09/2014

TELEPHONE NUMBER
(314) 524-1212

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.

690 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 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 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 Cerilliant 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.

1

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00424

Temp Date Time 210L
s/

Air Blank:

02/28/14 06:30 .000

Calibration Check:

21 02/28/14 06:30 .100

Subject Name

Subject I.D.

L Moore 220110

Operator Name: I.D.

Location

2

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00425

Temp Date Time 210L
s/

Air Blank:

02/28/14 06:32 .000

Calibration Check:

22 02/28/14 06:32 .102

Subject Name

Subject I.D.

L Moore 220110

Operator Name: I.D.

Location

3

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00426

Temp Date Time 210L
s/

Air Blank:

02/28/14 06:33 .000

Calibration Check:

23 02/28/14 06:33 .100

Subject Name

Subject I.D.

L Moore 220110

Operator Name: I.D.

Location

RFI

AS IV Serial no: 097413
Version not 004C

TEST RECORD 00427

Temp Date Time 9/
Void: RFI 210L
12 02/20/14 06:34

Subject Name

Subject I.D.

L Moon dolls
Operator Name, I.D.

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
T Y P E I I



LOWELL MOORE

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 05/09/2012

Number 220110

Expires 05/09/2014

Director of State Public Health Laboratory

Director, Department of Health