



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 12:29 pm, May 18, 2016

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 096.3580.067	DATE OF INSPECTION 05/11/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DR CALVERTON PARK MO 63135		TIME OF INSPECTION 0546

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 # 16040 EXP. DATE 01/20/2018

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD3327 SIMULATOR EXP DATE 01/18/2017

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 .096 TEST 2 .096 TEST 3 .097

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 LOT NUM 16040 EXP DATE 01/20/2018

INSPECTING OFFICER

TITLE

Lowell Moore

PRINT NAME

Lowell Moore

NUMBER/EXPIRATION DATE

0512612018

TELEPHONE NUMBER

(314) 524-1212



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 16040 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 2018 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 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.

1

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00710

Temp Date Time 210L s/

Air Blank: 05/11/16 05:45 .000

Calibration Check: 20 05/11/16 05:45 .096

Subject Name

Subject I.D.

Moore 260198

Operator Name: I.D.

Location

2

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00711

Temp Date Time 210L s/

Air Blank: 05/11/16 05:49 .000

Calibration Check: 21 05/11/16 05:49 .096

Subject Name

Subject I.D.

Moore 260198

Operator Name: I.D.

Location

3

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00712

Temp Date Time 210L s/

Air Blank: 05/11/16 05:49 .000

Calibration Check: 21 05/11/16 05:49 .097

Subject Name

Subject I.D.

Moore 260198

Operator Name: I.D.

Location

R.F.T

AS IV Serial no: 097413
Version no: 004C

TEST RECORD 00713

Temp Date Time 210L s/

Air Blank: 05/11/16 05:51 .000

Calibration Check: 21 05/11/16 05:51 .097

Subject Name

Subject I.D.

Moore 260198

Operator Name: I.D.

Location



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

2

**PERMIT
 TYPE II**

LOWELL J MOORE

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

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 4/26/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 260198

EXPIRES 4/26/2018

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

LAB-4 (R6-10)

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

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator MOORE, LOWELL
 Permit No 260198
 Date Issued 4/26/2016 Date Expires 4/26/2018