



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 1:39 pm, Apr 01, 2014

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 <u>100287</u>	PRINTER SN <u>84.9324.160</u>	DATE OF INSPECTION <u>3-27-14</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>401 S. Main St. Archie</u>		TIME OF INSPECTION <u>0909</u>

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) 23°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 Labs</u>	LOT # <u>1217</u> EXP. DATE <u>9-5-14</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34°C</u>	SIMULATOR SN <u>SP2779</u> SIMULATOR EXP DATE <u>12-17-14</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 <u>.098</u>	TEST 2 <u>.098</u>	TEST 3 <u>.098</u>
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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 <u>0</u>	(0-.04) <u>0</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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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 <u>[Signature]</u>	PRINT NAME <u>Brian W. Koehn</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>220 391 / 11-19-14</u>	TELEPHONE NUMBER <u>816-430-5242</u>

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.

660 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-664-8470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 12170 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 11, 2012, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is September 5, 2014 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 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.

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



BRIAN W KOEHN

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

DATAMASTER; 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 11/19/2012

Number 220391

Expires 11/19/2014

MO 680-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)

AS IV Serial no: 100287
Version no: 5328

TEST RECORD 00006

Temp Date Time 210L
9/

Alt Blank
03/25/14 09:21 .000
Callibration Offset
21 03/25/14 09:21 .000

Subject Name
Brian Kohn 102

Operator Name, I.D.

401 S Main

Location

AS IV Serial no: 100287
Version no: 5328

TEST RECORD 00007

Temp Date Time 210L
9/

Alt Blank
03/25/14 09:23 .000
Callibration Offset
22 03/25/14 09:23 .000

Subject Name

Subject I.D.

Brian Kohn 102

Operator Name, I.D.

401 S Main

Location

AS IV Serial no: 100287
Version no: 5328

TEST RECORD 00008

Temp Date Time 210L
9/

Alt Blank
03/25/14 09:25 .000
Callibration Offset
22 03/25/14 09:25 .000

Subject Name

Subject I.D.

Brian Kohn 102

Operator Name, I.D.

401 S Main

Location

RFI

AS IV Serial no: 100267
Version no: 5328

TEST RECORD 00009

Temp Date Time 210L
9/

Alt Blank
03/25/14 09:26

Subject Name

Subject I.D.

Brian Kohn 102

Operator Name, I.D.

401 S Main

Location