



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

received 6/25/14-cd **REPORT #7**

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

REVIEWED
By Carol Day at 7:58 am, Jul 11, 2014

ALCO SENSOR IV SN 097400	PRINTER SN 096.3580.880	DATE OF INSPECTION 06/17/2014
-----------------------------	----------------------------	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) Franklin County Sheriff's Office #1 Bruns Ln. Union MO 63084	TIME OF INSPECTION 9:56 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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories Inc</u> LOT # <u>14030</u> EXP. DATE <u>01/20/2016</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u> SIMULATOR SN <u>SD1874</u> SIMULATOR EXP DATE <u>12/18/2014</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 ➔ .096	TEST 2 ➔ .097	TEST 3 ➔ .098
---------------	---------------	---------------

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-.04)	(.05-.09) 1	(.10-.14) 1	(.15-.19)	(OVER .19)
----------	---------	-------------	-------------	-----------	------------

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).

The battery in the unit was going out, it was replaced and the instrument was checked ending with the above results.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Cpl. M. Richardson 1271
TYPE II PERMIT NUMBER/EXPIRATION DATE 240127 04/03/2016	TELEPHONE NUMBER (636) 583-2560

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.

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 14030 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2014, 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 January 20, 2016 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 AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



PERMIT
TYPE II

MICHAEL RICHARDSON

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, INTOX EC/IR II

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 4/3/2014

NUMBER 240127

EXPIRES 4/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

AS IV Serial no: 097400
Version no: 004C

TEST RECORD 01092

Temp Date Time 210L ^{s/}

Air Blank:
06/17/14 10:00 .000
Calibration Check:
21 06/17/14 10:00 .098

Subject Name

Subject I.D.

[Signature]
Operator Name, I.D.

Location

≡

AS IV Serial no: 097400
Version no: 004C

TEST RECORD 01091

Temp Date Time 210L ^{s/}

Air Blank:
06/17/14 09:58 .000
Calibration Check:
20 06/17/14 09:58 .097

Subject Name

Subject I.D.

[Signature]
Operator Name, I.D.

Location

AS IV Serial no: 097400
Version no: 004C

TEST RECORD 01090

Temp Date Time 210L ^{s/}

Air Blank:
06/17/14 09:56 .000
Calibration Check:
19 06/17/14 09:56 .096

Subject Name

Subject I.D.

[Signature]
Operator Name, I.D.

Location

±°

AS IV Serial no: 097400
Version no: 004C

TEST RECORD 01093

Temp Date Time 210L ^{s/}

Void: RFI
12 06/17/14 10:02

Subject Name

Subject I.D.

[Signature]
Operator Name, I.D.

Location

2