



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

RECEIVED
 By Carol Day at 2:28 pm, May 18, 2015

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 108270	PRINTER SN 099.3586.823	DATE OF INSPECTION 05/11/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) Holden Police Department 110 West 3rd street Holden, Mo 64040	TIME OF INSPECTION 12:20 pm
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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 Labs</u>	LOT # <u>14200</u> EXP. DATE <u>08/05/2016</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>	SIMULATOR SN <u>SD2252</u> SIMULATOR EXP DATE <u>02/03/2016</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 ← .098	TEST 2 ← .100	TEST 3 ← .098
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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	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).

New instrument w/ printer placed in service.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Chief Richard Martin
TYPE II PERMIT NUMBER/EXPIRATION DATE 240446 / 12/24/2016	TELEPHONE NUMBER (816) 850-4154

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 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, 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 August 5, 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 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.

AS IV Serial no: 100270
Version no: 532B

TEST RECORD 00019

Temp Date Time ^{s/} 210L

Air Blank:
05/11/15 12:20 .000
Calibration Check:
27 05/11/15 12:20 .000

Subject Name

TEST # 1

Subject I.D.

R. H. MARTIN #301

Operator Name, I.D.

HOLSON P.O.

Location

AS IV Serial no: 100270
Version no: 532B

TEST RECORD 00020

Temp Date Time ^{s/} 210L

Air Blank:
05/11/15 12:21 .000
Calibration Check:
27 05/11/15 12:21 .000

Subject Name

TEST # 2

Subject I.D.

R. H. MARTIN #301

Operator Name, I.D.

HOLSON P.O.

Location

AS IV Serial no: 100270
Version no: 532B

TEST RECORD 00021

Temp Date Time ^{s/} 210L

Air Blank:
05/11/15 12:23 .000
Calibration Check:
28 05/11/15 12:23 .000

Subject Name

TEST # 3

Subject I.D.

R. H. MARTIN #301

Operator Name, I.D.

HOLSON P.O.

Location

AS IV Serial no: 100270
Version no: 532B

TEST RECORD 00022

Temp Date Time ^{s/} 210L

VOID: RFI
12 05/11/15 12:24

Subject Name

R. H. MARTIN #301

Subject I.D.

R. H. MARTIN #301

Operator Name, I.D.

HOLSON P.O.

Location