



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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 111322	PRINTER SN 099.3586.613	DATE OF INSPECTION 05/27/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 4430 Holman Lane, Edmundson, MO 63134	TIME OF INSPECTION 6:00 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</u>	LOT # <u>16040</u> EXP. DATE <u>01/20/2018</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN <u>SD2737</u> SIMULATOR EXP DATE <u>08/20/2016</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 ➔ .103	TEST 2 ➔ .101	TEST 3 ➔ .100
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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)

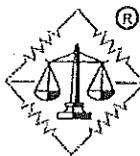
REFUSALS	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Cpl. Matthew D. Anton, DSN 49
TYPE II PERMIT NUMBER/EXPIRATION DATE 260091	TELEPHONE NUMBER (314) 428-4577

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 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 Certified Reference Standard lot number EN08051301 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 test utilizing NIST traceable weights.

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00085

Temp Date Time s/
210L

Air Blank:
05/27/16 18:01 .000
Calibration Check:
23 05/27/16 18:01 .103

Subject Name
CPL. Anton

Subject I.D.
Test 1

Operator Name, I.D.
EPD

Location

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00086

Temp Date Time s/
210L

Air Blank:
05/27/16 18:04 .000
Calibration Check:
24 05/27/16 18:04 .101

Subject Name
CPL. Anton

Subject I.D.
Test 2

Operator Name, I.D.
EPD

Location

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00087

Temp Date Time s/
210L

Air Blank:
05/27/16 18:06 .000
Calibration Check:
25 05/27/16 18:06 .100

Subject Name
CPL. Anton

Subject I.D.
Test 3

Operator Name, I.D.
EPD

Location

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00088

Temp Date Time s/
210L

VOID: RFI
12 05/27/16 18:08

Subject Name
CPL. Anton

Subject I.D.
RFI

Operator Name, I.D.
EPD

Location



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

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**PERMIT
 TYPE II**

MATTHEW D ANTON

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 2/22/2016

NUMBER 260091

EXPIRES 2/22/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES