



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 1:12 pm, Jun 16, 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 097461	PRINTER SN 096.3580.958	DATE OF INSPECTION 06/16/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 2920 North Shamrock Road, Jefferson City	TIME OF INSPECTION 11:17 am
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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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP2053 SIMULATOR EXP DATE 05/13/2015

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 .099	TEST 2 .099	TEST 3 .099
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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).

Removed, cleaned times to, applied Deoxit to, and resealed microprocessor IC to ZIF socket on main board.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Dewayne D. Carver
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TYPE II PERMIT NUMBER/EXPIRATION DATE 230101 / 05/28/2015	TELEPHONE NUMBER (573) 751-4722
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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 **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 16, 2015** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 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.

AS IV Serial no: 097461
Version no: 004C

TEST RECORD 00266

Temp	Date	Time	s/	210L
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Air Blank:
06/16/14 11:17 .000
Calibration Check:
23 06/16/14 11:17 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Debra Collier C41
Location

2920 N. SHAMROCK RD

JEFFERSON CITY, MO

AS IV Serial no: 097461
Version no: 004C

TEST RECORD 00267

Temp	Date	Time	s/	210L
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Air Blank:
06/16/14 11:19 .000
Calibration Check:
24 06/16/14 11:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Debra Collier C41
Location

2920 N. SHAMROCK RD

JEFFERSON CITY

AS IV Serial no: 097461
Version no: 004C

TEST RECORD 00268

Temp	Date	Time	s/	210L
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Air Blank:
06/16/14 11:20 .000
Calibration Check:
24 06/16/14 11:20 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Debra Collier C41
Location

2920 N. SHAMROCK RD

JEFFERSON CITY

AS IV Serial no: 097461
Version no: 004C

TEST RECORD 00269

Temp	Date	Time	s/	210L
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Void: RFI
12 06/16/14 11:21

Subject Name

Subject I.D.

Operator Name, I.D.

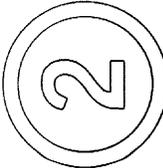
Debra Collier C41
Location

2920 N. SHAMROCK RD

JEFFERSON CITY



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



PERMIT
TYPE II

DEWAYNE D CARVER

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 W/PRINTER, DATAMASTER, INTOX DMT

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 05/28/2013
 NUMBER 230101
 EXPIRES 05/28/2015

W. S. Vandenbergh

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David Vandenbergh

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 560-0771 (6-10)