



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 4/14/14-CD ^{REPORT #7}

REVIEWED
By Carol Day at 1:50 pm, Apr 23, 2014

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.

ALCO SENSOR IV SN 107974	St. Louis County Police Department	PRINTER SN 099.3586.828	DATE OF INSPECTION 04.02.2014
LOCATION OF INSTRUMENT (STREET AND CITY) MODOT T.M.C. -		14301 South Outer 40 Road Town + Country, Mo 63017	
		TIME OF INSPECTION 14:33	

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) **19°C**

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER **Guth Laboratories** LOT # **14030** EXP. DATE **01.20.2016**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34.0°C** SIMULATOR SN **SD2689** SIMULATOR EXP DATE **07.10.2014**

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 = .098	TEST 3 = .097
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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 3	(0-.04) -	(.05-.09) 1	(.10-.14) 1	(.15-.19) -	(OVER .19) 1
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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).

- . Adjusted the time
- . New unit placed into service

INSPECTING OFFICER

SIGNATURE A. Rose	PRINT NAME Officer D. Rose, DSN 2121
TYPE II PERMIT NUMBER/EXPIRATION DATE 230253 / 11.12.2015	TELEPHONE NUMBER (314) 589.2341

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

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00003

Temp	Date	Time	g/ 210L
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Air Blank:
04/02/14 14:33 .000
Calibration Check:
19 04/02/14 14:33 .099

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00004

Temp	Date	Time	g/ 210L
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Air Blank:
04/02/14 14:34 .000
Calibration Check:
20 04/02/14 14:34 .098

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00005

Temp	Date	Time	g/ 210L
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Air Blank:
04/02/14 14:38 .000
Calibration Check:
21 04/02/14 14:38 .097

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

Q-No: 532B

TEST RECORD 00006

Temp	Date	Time	g/ 210L
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VOID: RFI
12 04/02/14 14:40

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00007

Temp	Date	Time	g/ 210L
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Air Blank:
04/02/14 14:46 .000
Subject Test: Auto
23 04/02/14 14:46 .000

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.



GUTH LABORATORIES, INC.

590 NORTH 97th 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%.

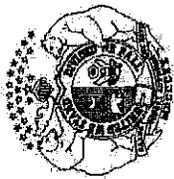
The alcohol and water used in this solution were free of test interfering substances.

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

DAVID M ROSE

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

DATAMASTER, INTOX DMT, ALCO-SENSOR IV W/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 11/12/2013

NUMBER 230253

EXPIRES 11/12/2015

David Vosterberg

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

, acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES