



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 3:10 pm, Nov 10, 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 <u>St. Louis County</u> <u>107974 - Police Dept.</u>	PRINTER SN <u>099.3586.828</u>	DATE OF INSPECTION <u>11-06-2014</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>South County Precinct - St. Louis, MO 63125</u>		TIME OF INSPECTION <u>17:16</u>

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) 22°C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Avth Laboratories LOT # 14030 EXP. DATE 01/20/16
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SD2489 SIMULATOR EXP DATE 01/17/15

- 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 = <u>.099</u>	TEST 2 = <u>.101</u>	TEST 3 = <u>.100</u>
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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 <u>3</u>	(0-.04) <u>—</u>	(.05-.09) <u>—</u>	(.10-.14) <u>2</u>	(.15-.19) <u>4</u>	(OVER .19) <u>1</u>
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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 (daylight savings time)
- Cleared the memory log

INSPECTING OFFICER

SIGNATURE <u>Po A Rose 2721</u>	PRINT NAME <u>Officer D. Rose</u> ^{DSN} <u>2721</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>230253 / 11-12-2015</u>	TELEPHONE NUMBER <u>(314) 889-2341</u>

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 00068

Temp	Date	Time	s/210L
Air Blank:			
	11/06/14	17:16	.000
Calibration Check:			
	22	11/06/14 17:16	.099
Subject Name			
N/A			
Subject I.D.			
N/A			
Operator Name, I.D.			
ROSC/2721			
Location			
4th PCT			

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00069

Temp	Date	Time	s/210L
Air Blank:			
	11/06/14	17:18	.000
Calibration Check:			
	23	11/06/14 17:18	.101
Subject Name			
N/A			
Subject I.D.			
N/A			
Operator Name, I.D.			
ROSC/2721			
Location			
4th PCT			

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00070

Temp	Date	Time	s/210L
Air Blank:			
	11/06/14	17:19	.000
Calibration Check:			
	24	11/06/14 17:19	.100
Subject Name			
N/A			
Subject I.D.			
N/A			
Operator Name, I.D.			
ROSC/2721			
Location			
4th PCT			

AS IV Serial no: 107974
Version no: 532B

TEST RECORD 00071

Temp	Date	Time	s/210L
VOID: RFI			
	12	11/06/14 17:20	
Subject Name			
N/A			
Subject I.D.			
N/A			
Operator Name, I.D.			
ROSC/2721			
Location			
4th PCT			



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.



Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations:
19 CSR 25-30.051 (4).

Checked: 07/17/2014 Expires: 07/17/2015
MSC Tech: DDD
Temp: 33.96 Digital Therm. SN: 358440
Agency: St. Louis CO Police Dept.

SD 2689



Technician Printed Name: Donald D. DeBoard

Technician Signature: *Donald D. DeBoard*

Date: 7-17-2014

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834



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

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**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

MO-680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)